

January 21, 2022

The Honorable Kimberly D. Bose  
Secretary  
Federal Energy Regulatory Commission  
888 First Street, NE  
Washington, DC 20426

**Re: California Independent System Operator Corporation  
Docket Nos. ER08-1178-000 and EL08-88-000  
Errata Correcting November 2021 Exceptional Dispatch Reports for  
Chart 2**

Dear Secretary Bose:

On January 18, 2022, the California Independent System Operator Corporation (CAISO) filed both November 2021 (Chart 1) and November 2021 (Chart 2) Exceptional Dispatch reports as required by the Commission in the September 2, 2009 and May 4, 2010 orders. Due to a technical error, the data list in Table 1 inside Chart 2 unintentionally included data from October 2022. The CAISO is submitting this errata filing to provide the corrected Attachment B – Chart 2 data for November 2021.

Respectfully submitted,

**By: /s/ Sidney Mannheim**

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**ATTACHMENT B****CORRECTED November 2021 Exceptional Dispatch Report  
Chart 2 data**



# **Exceptional Dispatch Report**

## **Table 2: November 2021**

Market Analysis and Forecasting

January 18, 2022

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## Introduction

This report is filed pursuant to FERC's September 2, 2009, and May 4, 2010, orders in ER08-1178. These orders require two monthly Exceptional Dispatch reports—one issued on the 15<sup>th</sup> of each month and one originally issued on the 30<sup>th</sup> of each month. Both Table 1 and Table 2 reports will be issued on the 15<sup>th</sup> of each month due to the availability of necessary data. This report provides data on the frequency, reasons and costs for Exceptional Dispatches issued in November 2021.

This report contains a price impact analysis as prescribed by FERC in its September 2 order. The price impact analysis for the month of November is presented in Appendix B. This report also includes mitigation analysis for November 2021 required by section 34.11.4 of the CAISO tariff. This analysis compares those Exceptional Dispatches subject to bid mitigation ( i.e. Exceptional Dispatches to address noncompetitive constraints and Delta Dispatch), and determines the cost difference between the Exceptional Dispatch bid mitigation settlement rules and what the settlement amount would have been had the Exceptional Dispatches not been subject to bid mitigation. The Exceptional Dispatch bid mitigation analysis for November is presented in Appendix C.

## The Nature of Exceptional Dispatch

The CAISO can issue exceptional dispatch instructions for a resource as a pre-day-ahead unit commitment, a post day-ahead unit commitment or a real-time exceptional dispatch. A pre-day-ahead unit commitment is an exceptional dispatch instruction committing a resource at or above its physical minimum (Pmin) operating level in the day-ahead market. A post-day-ahead unit commitment is an exceptional dispatch instruction committing a resource at or above its (Pmin) operating level in the real-time market. A real-time exceptional dispatch instructs a resource to operate at or above its physical minimum operating point. A real-time exceptional dispatch above the resource's day-ahead award is an incremental exceptional dispatch instruction and a real-time exceptional dispatch below the day-ahead award is considered a decremental dispatch instruction. The CAISO issues exceptional dispatch instructions to maintain the reliability of the grid when the market software cannot do so. Whenever the CAISO issues an exceptional dispatch instruction, the operator logs the dispatch and the associated reason. Reliability requirements are calculated for both local area and the system wide needs, and are classified into various requirements including local generation, transmission management, non-modeled transmission outages, ramping and intertie emergency assistance. Whenever the CAISO issues an exceptional dispatch instruction, the operators log these instructions and the associated reason for each instruction.

Most of the generation procedures are internal to the CAISO and not available publicly on the CAISO website; however, all of the transmission procedures are available on the CAISO website.<sup>1</sup>

Additional reasons for exceptional dispatch instructions in 2021 include Software Limitation. Software Limitation is used when an exceptional dispatch instruction was issued to bridge schedules across days for resources with a minimum down time of 24 hours, as the CAISO software does not handle multi-day commitment. For instance, a resource has a day-ahead schedule from 0600 till 2300, and then is shut down in 2400. If this resource had a minimum down time of 24 hours and it is required the following day, then the CAISO issues an exceptional dispatch to commit this resource in 2400 so it can be dispatched economically in the following day. Software Limitation was also used for exceptional dispatches to manually issue shut down instructions to a resource because of a temporary Automatic Dispatch System (“ADS”) failure, or similar issues. Interconnection Reliability Operating Limits (IROL) are system operating limits that are established to prevent instability, uncontrolled separation or cascading as described in operating procedure 3100. System Operating Limit (SOL) are the facility ratings, system voltage limits, transient stability limits, and voltage stability limits that are used in the operating horizon – any of which can be the most restrictive limit at any point in time, pre – or post – contingency. Control Point (CP) are imposed to protect the area transmission network against N – 1 contingencies. There were a few other reasons used to explain exceptional dispatch instructions in November, which are self-explanatory.

The data in Table 1 is based on a template specified in the September 2009 order.<sup>2</sup> This table contains all the information published in Table 1 of the first report for November 2021. In addition, it contains volume (MWh) and cost information. Each entry in Table 1 is a summary of exceptional dispatches classified by (1) the reason for the exceptional dispatch; (2) the location of the resource by Participating Transmission Owner (PTO) service area; (3) the Local Reliability Area (LRA) where applicable; (4) the market in which the exceptional dispatch occurred (day-ahead vs. real-time); and (5) the date of the exceptional dispatch. For each classification the following information is provided: (1) Megawatts (MW); (2) Commitment; (3) Inc or Dec; (4) Hours; (5) Begin Time; (6) End Time; (7) Total Volume (MWh); (8) Min Load Cost; (9) Start Up Cost; (10) CC6470; (11) ED Volume (MWh INC/DEC); (12) CC6470 INC; (13) CC6470 DEC; (14) CC6482; (15) CC6488; and (16) CC6620. Each column is defined:

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<sup>1</sup> A list of all of the CAISO’s Operating Procedures and all the publicly available Operating Procedures are available at the following link:  
<http://www.caiso.com/thegrid/operations/opsdoc/index.html>

<sup>2</sup> The data in Table 1 is principally SLIC information supplemented with data from the Market Quality System (MQS) and Settlements database. The volume and cost information is based on t+51B Recalculation Statements.

- The MW column shows the range of exceptional dispatch instruction in MW for the classification.
- The Commitment column specifies if there was a unit commitment for the classification.
- The INC/DEC/NA column specifies if there was an incremental dispatch (INC), a decremental dispatch (DEC), or only a unit commitment (NA). The Begin Time and End Time columns show the start and end time of exceptional dispatch for the classification respectively.
- The Hours column is the time difference between begin time and end time rounded up to the next hour.
- The total volume column shows the total MWh dispatch quantity dispatched for that classification. This quantity includes the minimum load quantity, the imbalance energy quantity, and the exceptional dispatch quantity.
- The Min-Load Cost column shows eligible minimum load cost for the classification.
- The Start-Up Cost column shows the eligible start up cost for the classification. The CAISO does not explicitly pay resources for its start up and minimum load costs; however, it ensures that resources are compensated adequately through its bid cost recovery.<sup>3</sup>
- The CC6470 column shows the total imbalance energy costs for the classification. This cost contains the portion of exceptional dispatch instruction settled as optimal energy due to its bid price being less than the LMP in the relevant settlement interval.
- The ED Volume MWh (MWh INC/DEC) column shows the incremental or the decremental portion of the real-time exceptional dispatch MWh for the classification. The CC6470-INC shows that portion of incremental exceptional dispatch instruction settled at the resource LMP.
- The CC6470-DEC column shows that portion of decremental exceptional dispatch instruction settled at the resource specific LMP. Both these charge codes are portions of the real-time instructed imbalance energy charge code (6470).<sup>4</sup>
- The CC6482 column shows the real-time excess cost for the classification.<sup>5</sup>
- The CC6488 column shows the real-time exceptional dispatch uplift settlement for the classification.<sup>6</sup> The CC6620 shows the bid cost recovery payment for the classification. This cost is shown for all pre-day-ahead unit commitments only.

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<sup>3</sup> For further details regarding the Bid Cost Recovery process please refer to section 11.8 of the CAISO tariff.

<sup>4</sup> For further details please refer to the BPM configuration Guide: Real-Time Instructed Imbalance Energy Settlement published on the CAISO's website.

<sup>5</sup> For further details please refer to the BPM configuration Guide: Real Time Excess Cost for Instructed Energy Settlement published on the CAISO's website.

<sup>6</sup> For further details please refer to the BPM configuration Guide: Real Time Exceptional Dispatch Uplift Settlement published on the CAISO's website.

Charge codes 6470, 6470 INC, 6470 DEC, 6482 and 6488 are shown in Table 1 because all these charge codes pertain to real-time exceptional dispatch MWH quantities. The classification of data is further explained for example in Attachment A.

Exceptional dispatches issued for the following reasons accounted for approximately 78 percent of the total exceptional dispatches during the reporting period: planned transmission outages, unit testing, and voltage support. Exceptional dispatches with the reason “Reliability Assessment” were due to Real Time Contingency Analysis, Voltage Stability Analysis, and operating procedure number 7110 (along with 7720). Reliability Assessment is the reason as explained in the operator procedure 2330C that encompasses Control Point (CP), Interconnection Reliability Operating Limit (IROL), System Operating Limit (SOL) and congestion related EDs. This reason is used to mitigate reliability issues identified through the real – time assessment tools such as Real Time Contingency Analysis (RTCA), Voltage Stability Analysis (VSA), Dynamic Stability Analysis (DSA) and/or Operating Procedure (OP) or offline study.

**Table 1: Exceptional Dispatches in November 2021**

| California Independent System Operator Corporation<br>Exceptional Dispatch Report<br>January 18, 2022 |             |  |          |                        |            |           |            |         |       |            |          |           |               |               |          |                  |            |            |          |        |        |
|---|-------------|--|----------|------------------------|------------|-----------|------------|---------|-------|------------|----------|-----------|---------------|---------------|----------|------------------|------------|------------|----------|--------|--------|
| Chart 2: Table of Exceptional Dispatches for Period 01/November/2021 - 30/November/2021               |             |  |          |                        |            |           |            |         |       |            |          |           |               |               |          |                  |            |            |          |        |        |
| Number  | Market Type | Reason                                     | Location | Local Reliability Area | Trade Date | MW        | Commitment | INC_DEC | Hours | Begin Time | End Time | Total MWH | Min Load Cost | Start Up Cost | CC6470   | ED MWH (INC/DEC) | CC6470 INC | CC6470 DEC | CC6482   | CC6488 | CC6620 |
| 1   | RT          | Conditions beyond the control of the CAISO | PGAE     | Fresno                 | 11/13/2021 | 400       | No         | INC     | 1     | 15:50      | 16:00    | -1.44     | 1494.11       | 0.00          | -5034.58 | 0.00             | 0.00       | 0.00       | 0.00     | 0.00   | 0.00   |
| 2   | RT          | Conditions beyond the control of the CAISO | SCE      | LA Basin               | 11/1/2021  | 457       | No         | DEC     | 1     | 9:25       | 9:35     | 7.50      | 0.00          | 0.00          | -383.48  | 7.50             | -383.48    | 0.00       | -19.31   | 0.00   | 0.00   |
| 3   | RT          | Fast Start Unit Management                 | SCE      | LA Basin               | 11/15/2021 | 0         | No         | INC     | 1     | 16:30      | 17:00    | 0.00      | 0.00          | 0.00          | 0.00     | 0.00             | 0.00       | 0.00       | 0.00     | 0.00   | 0.00   |
| 4   | RT          | Load Forecast Uncertainty                  | PGAE     | Fresno                 | 11/22/2021 | 200 - 300 | No         | INC     | 2     | 14:20      | 16:00    | 110.62    | 14804.04      | 0.00          | -8249.37 | 15.12            | -1054.74   | 0.00       | -11.82   | 0.00   | 0.00   |
| 5   | RT          | Load Forecast Uncertainty                  | SCE      | LA Basin               | 11/18/2021 | 100       | No         | INC     | 4     | 5:30       | 9:00     | 18.36     | 0.00          | 0.00          | -1083.13 | 21.28            | -1317.70   | 0.00       | -9384.67 | 0.00   | 0.00   |
| 6   | RT          | Load Forecast Uncertainty                  | SDGE     | San Diego-IV           | 11/22/2021 | 300       | No         | INC     | 1     | 14:45      | 15:00    | 59.43     | 1194.44       | 0.00          | -4413.10 | 51.00            | -3782.97   | 0.00       | 0.00     | 0.00   | 0.00   |
| 7   | RT          | Market Disruption                          | PGAE     | Fresno                 | 11/7/2021  | -308      | No         | DEC     | 3     | 1:25       | 3:30     | 0.00      | 0.00          | 0.00          | 0.00     | 0.00             | 0.00       | 0.00       | 0.00     | 0.00   | 0.00   |
| 8   | RT          | Planned Transmission Outage                | PGAE     | Humboldt               | 11/1/2021  | 14 - 45   | No         | DEC     | 18    | 6:00       | 0:00     | -1.47     | 182.35        | 0.00          | 128.29   | 0.00             | 0.00       | 0.00       | 0.00     | 0.00   | 0.00   |
| 9   | RT          | Planned Transmission Outage                | PGAE     | Humboldt               | 11/1/2021  | 14 - 45   | No         | INC     | 24    | 0:00       | 0:00     | 35.99     | 79319.64      | 0.00          | -2476.23 | 0.00             | 0.00       | 0.00       | 0.00     | 0.00   | 0.00   |
| 10  | RT          | Planned Transmission Outage                | PGAE     | Humboldt               | 11/2/2021  | 15        | No         | DEC     | 24    | 0:00       | 0:00     | -4.07     | 278.78        | 0.00          | 156.36   | 0.00             | 0.00       | 0.00       | 0.00     | 0.00   | 0.00   |
| 11  | RT          | Planned Transmission Outage                | PGAE     | Humboldt               | 11/2/2021  | 15 - 60   | No         | INC     | 24    | 0:00       | 0:00     | 31.09     | 54641.86      | 0.00          | -1717.19 | 0.00             | 0.00       | 0.00       | 0.00     | 0.00   | 0.00   |
| 12  | RT          | Planned Transmission Outage                | PGAE     | Humboldt               | 11/3/2021  | 15        | No         | DEC     | 24    | 0:00       | 0:00     | 0.68      | 0.00          | 0.00          | -34.89   | 0.00             | 0.00       | 0.00       | 0.00     | 0.00   | 0.00   |
| 13  | RT          | Planned Transmission Outage                | PGAE     | Humboldt               | 11/3/2021  | 15 - 30   | No         | INC     | 24    | 0:00       | 0:00     | 12.08     | 43617.20      | 0.00          | -900.72  | 0.00             | 0.00       | 0.00       | 0.00     | 0.00   | 0.00   |
| 14  | RT          | Planned Transmission Outage                | PGAE     | Humboldt               | 11/4/2021  | 15 - 30   | No         | DEC     | 24    | 0:00       | 0:00     | -2.21     | -18911.62     | 0.00          | 135.52   | 0.00             | 0.00       | 0.00       | 0.00     | 0.00   | 0.00   |
| 15  | RT          | Planned Transmission Outage                | PGAE     | Humboldt               | 11/4/2021  | 15 - 30   | No         | INC     | 24    | 0:00       | 0:00     | -3.14     | 31100.06      | 0.00          | 156.75   | 0.00             | 0.00       | 0.00       | 0.00     | 0.00   | 0.00   |
| 16  | RT          | Planned Transmission Outage                | PGAE     | Humboldt               | 11/5/2021  | 15        | No         | DEC     | 19    | 0:00       | 19:00    | -2.05     | -3344.18      | 0.00          | 92.91    | 0.00             | 0.00       | 0.00       | 0.00     | 0.00   | 0.00   |
| 17  | RT          | Planned Transmission Outage                | PGAE     | Humboldt               | 11/5/2021  | 15        | No         | INC     | 24    | 0:00       | 0:00     | 9.40      | 12865.50      | 0.00          | -675.90  | 0.00             | 0.00       | 0.00       | 0.00     | 0.00   | 0.00   |

**California Independent System Operator Corporation  
Exceptional Dispatch Report  
January 18, 2022**

**Chart 2: Table of Exceptional Dispatches for Period 01/November/2021 - 30/November/2021**

| Number | Market Type | Reason                      | Location | Local Reliability Area | Trade Date | MW      | Commitment | INC_DEC | Hours | Begin Time | End Time | Total MWH | Min Load Cost | Start Up Cost | CC6470   | ED MWH (INC/DEC) | CC6470 INC | CC6470 DEC | CC6482 | CC6488 | CC6620 |
|--------|-------------|-----------------------------|----------|------------------------|------------|---------|------------|---------|-------|------------|----------|-----------|---------------|---------------|----------|------------------|------------|------------|--------|--------|--------|
| 18     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/6/2021  | 15      | No         | DEC     | 15    | 9:45       | 0:00     | -2.62     | -18741.63     | 0.00          | 103.66   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 19     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/6/2021  | 15      | No         | INC     | 24    | 0:00       | 0:00     | -0.45     | 17911.37      | 0.00          | 18.01    | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 20     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/7/2021  | 15      | No         | DEC     | 25    | 0:00       | 0:00     | -0.66     | -459.96       | 0.00          | 21.47    | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 21     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/7/2021  | 15      | No         | INC     | 25    | 0:00       | 0:00     | -0.64     | 21072.20      | 0.00          | 6.63     | 0.00             | 0.00       | 0.00       | 0.00   | -24.51 | 0.00   |
| 22     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/8/2021  | 15 - 30 | No         | DEC     | 17    | 7:00       | 0:00     | -4.16     | -39578.27     | 0.00          | 221.02   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 23     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/8/2021  | 15 - 30 | No         | INC     | 24    | 0:00       | 0:00     | 6.68      | 12379.94      | 0.00          | -540.88  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 24     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/9/2021  | 15 - 30 | No         | DEC     | 20    | 0:00       | 20:00    | 9.13      | -12627.86     | 0.00          | -528.04  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 25     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/9/2021  | 14 - 30 | No         | INC     | 24    | 0:00       | 0:00     | 7.88      | 37463.38      | 0.00          | -575.82  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 26     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/10/2021 | 15 - 30 | No         | DEC     | 12    | 11:45      | 23:30    | -5.41     | -5177.08      | 0.00          | 295.63   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 27     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/10/2021 | 30      | No         | INC     | 22    | 0:00       | 22:00    | -0.37     | 47135.47      | 0.00          | 10.28    | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 28     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/12/2021 | 30 - 45 | No         | DEC     | 3     | 13:00      | 16:00    | 2.03      | -5596.51      | 535.91        | -110.54  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 29     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/12/2021 | 30 - 45 | No         | INC     | 18    | 6:00       | 0:00     | 9.66      | 61024.18      | 1027.16       | -363.26  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 30     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/13/2021 | 30 - 45 | No         | DEC     | 5     | 14:00      | 18:30    | -1.92     | -9994.11      | 0.00          | 447.90   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 31     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/13/2021 | 30 - 45 | No         | INC     | 14    | 0:00       | 14:00    | -2.86     | 66646.45      | 0.00          | 128.51   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 32     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/15/2021 | 45      | No         | DEC     | 9     | 13:00      | 22:00    | 1.19      | -17770.82     | 0.00          | -56.65   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 33     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/15/2021 | 30 - 45 | No         | INC     | 24    | 0:00       | 0:00     | 64.17     | 43508.84      | 0.00          | -3434.25 | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 34     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/16/2021 | 30 - 45 | No         | DEC     | 4     | 16:00      | 20:00    | 5.42      | 0.00          | 0.00          | -263.74  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 35     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/16/2021 | 30 - 45 | No         | INC     | 24    | 0:00       | 0:00     | -0.42     | 67378.50      | 0.00          | -841.56  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |

**California Independent System Operator Corporation  
Exceptional Dispatch Report  
January 18, 2022**

**Chart 2: Table of Exceptional Dispatches for Period 01/November/2021 - 30/November/2021**

| Number | Market Type | Reason                      | Location | Local Reliability Area | Trade Date | MW         | Commitment | INC_DEC | Hours | Begin Time | End Time | Total MWH | Min Load Cost | Start Up Cost | CC6470   | ED MWH (INC/DEC) | CC6470 INC | CC6470 DEC | CC6482 | CC6488 | CC6620   |      |
|--------|-------------|-----------------------------|----------|------------------------|------------|------------|------------|---------|-------|------------|----------|-----------|---------------|---------------|----------|------------------|------------|------------|--------|--------|----------|------|
| 36     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/17/2021 | 30 - 45    | No         | DEC     | 17    | 4:00       | 21:00    | 14.63     | -17142.87     | 0.00          | -859.48  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00     |      |
| 37     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/17/2021 | 30 - 45    | No         | INC     | 24    | 0:00       | 0:00     | -10.48    | 59122.33      | 0.00          | 186.75   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | -1.47    | 0.00 |
| 38     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/18/2021 | 30 - 45    | No         | INC     | 24    | 0:00       | 0:00     | -11.58    | 114878.07     | 0.00          | 497.87   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00     | 0.00 |
| 39     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/19/2021 | 30 - 45    | No         | INC     | 24    | 0:00       | 0:00     | 3.77      | 125436.19     | 0.00          | -111.72  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00     | 0.00 |
| 40     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/20/2021 | 45         | No         | INC     | 24    | 0:00       | 0:00     | -14.69    | 119100.15     | 0.00          | -14.12   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | -7.08    | 0.00 |
| 41     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/21/2021 | 45         | No         | INC     | 24    | 0:00       | 0:00     | 2.54      | 127607.28     | 0.00          | -160.83  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | -2.59    | 0.00 |
| 42     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/22/2021 | 30 - 45    | No         | DEC     | 9     | 14:00      | 23:00    | -0.15     | -20864.97     | 0.00          | 62.90    | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00     | 0.00 |
| 43     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/22/2021 | 30 - 45    | No         | INC     | 24    | 0:00       | 0:00     | 0.39      | 72842.52      | 0.00          | -21.18   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00     | 0.00 |
| 44     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/23/2021 | 30 - 45    | No         | INC     | 18    | 0:00       | 18:00    | -1.74     | 65582.92      | 0.00          | -317.66  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00     | 0.00 |
| 45     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/29/2021 | 45         | No         | DEC     | 5     | 16:00      | 21:00    | 6.10      | 0.00          | 0.00          | -292.20  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00     | 0.00 |
| 46     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/29/2021 | 28 - 45    | No         | INC     | 17    | 7:35       | 0:00     | 42.15     | 50590.04      | 0.00          | -1570.88 | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00     | 0.00 |
| 47     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/30/2021 | 45         | No         | DEC     | 5     | 16:00      | 21:00    | -30.18    | 6887.06       | 0.00          | 2826.73  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00     | 0.00 |
| 48     | RT          | Planned Transmission Outage | PGAE     | Humboldt               | 11/30/2021 | 30 - 97.62 | No         | INC     | 24    | 0:00       | 0:00     | 128.08    | 93569.09      | 0.00          | -5287.32 | 26.40            | -271.07    | 285.65     | 0.00   | 0.00   | -381.63  | 0.00 |
| 49     | RT          | Planned Transmission Outage | PGAE     | Sierra                 | 11/1/2021  | 20         | No         | DEC     | 15    | 8:30       | 23:00    | 0.00      | 0.00          | 0.00          | 0.00     | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | -2931.83 | 0.00 |
| 50     | RT          | Planned Transmission Outage | PGAE     | Sierra                 | 11/1/2021  | 20         | No         | INC     | 4     | 11:00      | 15:00    | -2.30     | 0.00          | 0.00          | 156.91   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00     | 0.00 |
| 51     | RT          | Planned Transmission Outage | PGAE     | Sierra                 | 11/18/2021 | 20         | No         | DEC     | 3     | 16:00      | 19:00    | -41.43    | 0.00          | 0.00          | 2561.57  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00     | 0.00 |
| 52     | RT          | Planned Transmission Outage | PGAE     | Sierra                 | 11/18/2021 | 20         | No         | INC     | 13    | 9:00       | 22:00    | -52.79    | 26695.70      | 0.00          | 3223.03  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00     | 0.00 |
| 53     | RT          | Planned Transmission Outage | PGAE     | Stockton               | 11/1/2021  | 55         | No         | DEC     | 2     | 5:00       | 7:00     | -32.66    | 0.00          | 0.00          | 1675.83  | -34.00           | 0.00       | 1738.49    | 0.00   | 0.00   | -1705.21 | 0.00 |

**California Independent System Operator Corporation  
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**Chart 2: Table of Exceptional Dispatches for Period 01/November/2021 - 30/November/2021**

| Number | Market Type | Reason                      | Location | Local Reliability Area | Trade Date | MW        | Commitment | INC_DEC | Hours | Begin Time | End Time | Total MWH | Min Load Cost | Start Up Cost | CC6470     | ED MWH (INC/DEC) | CC6470 INC | CC6470 DEC | CC6482 | CC6488 | CC6620 |
|--------|-------------|-----------------------------|----------|------------------------|------------|-----------|------------|---------|-------|------------|----------|-----------|---------------|---------------|------------|------------------|------------|------------|--------|--------|--------|
| 54     | RT          | Planned Transmission Outage | PGAE     | Stockton               | 11/1/2021  | 55        | No         | INC     | 5     | 0:00       | 5:00     | -4.29     | 0.00          | 0.00          | 220.39     | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 55     | RT          | Planned Transmission Outage | PGAE     | NA                     | 11/13/2021 | 145 - 210 | No         | INC     | 4     | 11:55      | 15:30    | 46.99     | 40014.98      | 606.04        | -4439.72   | 5.26             | -198.87    | 0.00       | 0.00   | 0.00   | 0.00   |
| 56     | RT          | Pump Management             | PGAE     | Fresno                 | 11/28/2021 | 0         | No         | INC     | 1     | 8:00       | 9:00     | 0.00      | 0.00          | 0.00          | 0.00       | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 57     | RT          | Ramping Capacity            | PGAE     | Fresno                 | 11/16/2021 | 83 - 200  | No         | INC     | 2     | 7:25       | 9:00     | 484.70    | 25413.62      | 0.00          | -414266.26 | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 58     | RT          | Ramping Capacity            | PGAE     | Fresno                 | 11/17/2021 | 83        | No         | DEC     | 1     | 6:55       | 7:00     | 4.89      | 0.00          | 0.00          | -344.45    | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 59     | RT          | Ramping Capacity            | PGAE     | Fresno                 | 11/17/2021 | 83        | No         | INC     | 2     | 7:00       | 8:30     | 23.50     | 13323.64      | 0.00          | -2557.25   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 60     | RT          | Ramping Capacity            | SCE      | LA Basin               | 11/17/2021 | 190 - 194 | No         | INC     | 4     | 5:00       | 9:00     | 20.50     | 0.00          | 0.00          | -1565.79   | 2.79             | -234.73    | 0.00       | 0.00   | 0.00   | 0.00   |
| 61     | RT          | Ramping Capacity            | SCE      | LA Basin               | 11/20/2021 | 194       | No         | INC     | 4     | 5:30       | 9:00     | 5.15      | 0.00          | 0.00          | -397.67    | 3.47             | -263.27    | 0.00       | 0.00   | 0.00   | 0.00   |
| 62     | RT          | Ramping Capacity            | SCE      | LA Basin               | 11/22/2021 | 98 - 330  | No         | INC     | 7     | 1:00       | 8:00     | -225.44   | 41344.91      | 0.00          | 12677.16   | 5.56             | -314.69    | 0.00       | 0.00   | 0.00   | 0.00   |
| 63     | RT          | Reliability Assessment      | PGAE     | Fresno                 | 11/7/2021  | -308      | No         | DEC     | 10    | 1:00       | 9:45     | 119.73    | 0.00          | 0.00          | -5659.10   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 64     | RT          | Reliability Assessment      | PGAE     | Humboldt               | 11/10/2021 | 30        | No         | DEC     | 7     | 15:10      | 22:00    | -0.66     | -5922.31      | 0.00          | 29.64      | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 65     | RT          | Reliability Assessment      | PGAE     | Humboldt               | 11/10/2021 | 30        | No         | INC     | 2     | 22:00      | 0:00     | 0.00      | 4213.22       | 0.00          | 0.00       | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 66     | RT          | Reliability Assessment      | PGAE     | Humboldt               | 11/11/2021 | 30        | No         | INC     | 24    | 0:00       | 0:00     | -0.71     | 51001.09      | 0.00          | 35.89      | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 67     | RT          | Reliability Assessment      | PGAE     | Humboldt               | 11/12/2021 | 30        | No         | INC     | 6     | 0:00       | 6:00     | 0.00      | 12307.44      | 0.00          | 0.00       | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 68     | RT          | Reliability Assessment      | PGAE     | Humboldt               | 11/13/2021 | 15 - 30   | No         | DEC     | 6     | 18:15      | 0:00     | -4.39     | -9484.54      | 0.00          | 231.48     | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 69     | RT          | Reliability Assessment      | PGAE     | Humboldt               | 11/13/2021 | 15 - 30   | No         | INC     | 3     | 21:00      | 0:00     | -4.20     | 4778.43       | 0.00          | 219.94     | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 70     | RT          | Reliability Assessment      | PGAE     | Humboldt               | 11/14/2021 | 15        | No         | DEC     | 6     | 0:00       | 5:30     | 0.00      | 0.00          | 0.00          | 0.00       | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 71     | RT          | Reliability Assessment      | PGAE     | Humboldt               | 11/14/2021 | 15 - 30   | No         | INC     | 24    | 0:00       | 0:00     | 9.50      | 52311.28      | 0.00          | -549.40    | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |



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**Chart 2: Table of Exceptional Dispatches for Period 01/November/2021 - 30/November/2021**

| Number | Market Type | Reason                 | Location | Local Reliability Area | Trade Date | MW      | Commitment | INC_DEC | Hours | Begin Time | End Time | Total MWH | Min Load Cost | Start Up Cost | CC6470   | ED MWH (INC/DEC) | CC6470 INC | CC6470 DEC | CC6482 | CC6488 | CC6620 |
|--------|-------------|------------------------|----------|------------------------|------------|---------|------------|---------|-------|------------|----------|-----------|---------------|---------------|----------|------------------|------------|------------|--------|--------|--------|
| 72     | RT          | Reliability Assessment | PGAE     | Humboldt               | 11/23/2021 | 15      | No         | DEC     | 5     | 19:30      | 0:00     | 0.57      | 0.00          | 0.00          | -29.84   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 73     | RT          | Reliability Assessment | PGAE     | Humboldt               | 11/23/2021 | 30 - 45 | No         | INC     | 6     | 18:00      | 0:00     | 0.83      | 16974.40      | 0.00          | -46.08   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 74     | RT          | Reliability Assessment | PGAE     | Humboldt               | 11/24/2021 | 15 - 30 | No         | DEC     | 24    | 0:00       | 0:00     | -2.87     | -12895.64     | 0.00          | 272.53   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 75     | RT          | Reliability Assessment | PGAE     | Humboldt               | 11/24/2021 | 15 - 30 | No         | INC     | 24    | 0:00       | 0:00     | -3.29     | 30172.36      | 0.00          | -5.59    | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 76     | RT          | Reliability Assessment | PGAE     | Humboldt               | 11/25/2021 | 15      | No         | DEC     | 9     | 0:00       | 8:15     | -0.11     | 0.00          | 0.00          | 0.76     | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 77     | RT          | Reliability Assessment | PGAE     | Humboldt               | 11/25/2021 | 30      | No         | INC     | 16    | 8:15       | 0:00     | 4.39      | 12668.63      | 0.00          | -115.68  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 78     | RT          | Reliability Assessment | PGAE     | Humboldt               | 11/26/2021 | 15 - 30 | No         | INC     | 24    | 0:00       | 0:00     | -5.30     | 25337.25      | 0.00          | 182.36   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 79     | RT          | Reliability Assessment | PGAE     | Humboldt               | 11/27/2021 | 15      | No         | INC     | 24    | 0:00       | 0:00     | 8.07      | 36992.38      | 0.00          | -460.89  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 80     | RT          | Reliability Assessment | PGAE     | Humboldt               | 11/28/2021 | 15      | No         | INC     | 18    | 0:00       | 17:45    | 4.80      | 17989.45      | 0.00          | -356.44  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 81     | RT          | Reliability Assessment | SCE      | NA                     | 11/16/2021 | 420     | No         | DEC     | 2     | 19:55      | 21:00    | -50.01    | -1399.67      | 0.00          | 2349.08  | -39.80           | 0.00       | 1775.87    | 0.00   | 0.00   | 0.00   |
| 82     | RT          | Reliability Assessment | SCE      | NA                     | 11/19/2021 | 450     | No         | INC     | 5     | 19:20      | 0:00     | -31.78    | -11304.22     | 0.00          | 1731.23  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 83     | RT          | Reliability Assessment | SCE      | NA                     | 11/20/2021 | 450     | No         | INC     | 24    | 0:00       | 0:00     | -8.99     | -9513.86      | 0.00          | 622.09   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 84     | RT          | Reliability Assessment | SCE      | NA                     | 11/21/2021 | 450     | No         | INC     | 2     | 0:00       | 2:00     | 2.88      | 0.00          | 0.00          | -143.60  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 85     | RT          | Software Limitation    | PGAE     | Fresno                 | 11/7/2021  | 0       | No         | INC     | 1     | 9:45       | 10:45    | 13.46     | 0.00          | 0.00          | -528.84  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 86     | RT          | Software Limitation    | PGAE     | Fresno                 | 11/15/2021 | 83      | No         | INC     | 1     | 7:10       | 8:00     | 29.13     | 16174.79      | 1250.20       | -1442.88 | 15.22            | -844.88    | 0.00       | 0.00   | 0.00   | 0.00   |
| 87     | RT          | Software Limitation    | PGAE     | NA                     | 11/3/2021  | 0       | No         | INC     | 1     | 19:35      | 20:00    | 6.25      | 0.00          | 0.00          | -421.88  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 88     | RT          | Software Limitation    | PGAE     | NA                     | 11/25/2021 | 10      | No         | DEC     | 4     | 16:20      | 20:00    | -42.66    | 0.00          | 0.00          | 2387.13  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 89     | RT          | Software Limitation    | PGAE     | NA                     | 11/25/2021 | 10      | No         | INC     | 2     | 20:00      | 22:00    | 16.77     | 0.00          | 0.00          | -745.45  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |

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**Chart 2: Table of Exceptional Dispatches for Period 01/November/2021 - 30/November/2021**

| Number | Market Type | Reason              | Location | Local Reliability Area | Trade Date | MW       | Commitment | INC_DEC | Hours | Begin Time | End Time | Total MWH | Min Load Cost | Start Up Cost | CC6470     | ED MWH (INC/DEC) | CC6470 INC | CC6470 DEC | CC6482 | CC6488 | CC6620 |
|--------|-------------|---------------------|----------|------------------------|------------|----------|------------|---------|-------|------------|----------|-----------|---------------|---------------|------------|------------------|------------|------------|--------|--------|--------|
| 90     | RT          | Software Limitation | SCE      | LA Basin               | 11/7/2021  | 385      | No         | DEC     | 1     | 1:40       | 2:30     | -53.34    | 0.00          | 0.00          | 2302.93    | -50.00           | 0.00       | 2124.32    | 0.00   | 0.00   | 0.00   |
| 91     | RT          | Unit Testing        | Intertie | NA                     | 11/1/2021  | 25 - 127 | Yes        | INC     | 24    | 0:00       | 0:00     | 843.52    | 0.00          | 0.00          | -47843.76  | 840.92           | -47698.09  | 0.00       | 0.00   | 0.00   | 0.00   |
| 92     | RT          | Unit Testing        | Intertie | NA                     | 11/2/2021  | 25 - 130 | Yes        | INC     | 24    | 0:00       | 0:00     | 939.63    | 0.00          | 0.00          | -30862.35  | 969.08           | -32032.17  | 0.00       | 0.00   | 0.00   | 0.00   |
| 93     | RT          | Unit Testing        | Intertie | NA                     | 11/3/2021  | 17 - 140 | Yes        | INC     | 24    | 0:00       | 0:00     | 392.42    | 0.00          | 0.00          | -14768.15  | 392.47           | -14775.88  | 0.00       | 0.00   | 0.00   | 0.00   |
| 94     | RT          | Unit Testing        | Intertie | NA                     | 11/4/2021  | 20 - 145 | Yes        | INC     | 24    | 0:00       | 0:00     | 1121.70   | 0.00          | 0.00          | -42341.83  | 1118.89          | -42197.52  | 0.00       | 0.00   | 0.00   | 0.00   |
| 95     | RT          | Unit Testing        | Intertie | NA                     | 11/5/2021  | 50 - 130 | No         | INC     | 10    | 7:00       | 17:00    | 975.22    | 0.00          | 0.00          | -33594.31  | 973.80           | -33519.33  | 0.00       | 0.00   | 0.00   | 0.00   |
| 96     | RT          | Unit Testing        | Intertie | NA                     | 11/6/2021  | 13 - 135 | Yes        | INC     | 24    | 0:00       | 0:00     | 1164.04   | 0.00          | 0.00          | -34161.91  | 1159.76          | -33982.47  | 0.00       | 0.00   | 0.00   | 0.00   |
| 97     | RT          | Unit Testing        | Intertie | NA                     | 11/7/2021  | 5 - 140  | Yes        | INC     | 25    | 0:00       | 0:00     | 1050.54   | 0.00          | 0.00          | -22470.55  | 1049.22          | -22357.77  | 0.00       | 0.00   | 0.00   | 0.00   |
| 98     | RT          | Unit Testing        | Intertie | NA                     | 11/8/2021  | 11 - 140 | Yes        | INC     | 24    | 0:00       | 0:00     | 988.45    | 0.00          | 0.00          | -40734.65  | 983.88           | -40493.48  | 0.00       | 0.00   | 0.00   | 0.00   |
| 99     | RT          | Unit Testing        | Intertie | NA                     | 11/9/2021  | 25 - 130 | Yes        | INC     | 24    | 0:00       | 0:00     | 880.51    | 0.00          | 0.00          | -41629.53  | 877.76           | -41517.67  | 0.00       | 0.00   | 0.00   | 0.00   |
| 100    | RT          | Unit Testing        | Intertie | NA                     | 11/10/2021 | 25 - 130 | No         | INC     | 24    | 0:00       | 0:00     | 1018.54   | 0.00          | 0.00          | -40388.00  | 1041.14          | -41486.12  | 0.00       | 0.00   | 0.00   | 0.00   |
| 101    | RT          | Unit Testing        | Intertie | NA                     | 11/11/2021 | 25 - 130 | Yes        | INC     | 24    | 0:00       | 0:00     | 1514.11   | 0.00          | 0.00          | -71360.20  | 1512.21          | -71264.74  | 0.00       | 0.00   | 0.00   | 0.00   |
| 102    | RT          | Unit Testing        | Intertie | NA                     | 11/12/2021 | 14 - 130 | Yes        | INC     | 24    | 0:00       | 0:00     | 1149.66   | 0.00          | 0.00          | -43393.26  | 1146.11          | -43260.38  | 0.00       | 0.00   | 0.00   | 0.00   |
| 103    | RT          | Unit Testing        | Intertie | NA                     | 11/13/2021 | 13 - 128 | No         | INC     | 24    | 0:00       | 0:00     | 6300.58   | 0.00          | 0.00          | -268594.16 | 6295.63          | -268114.07 | 0.00       | 0.00   | 0.00   | 0.00   |
| 104    | RT          | Unit Testing        | Intertie | NA                     | 11/14/2021 | 20 - 130 | No         | INC     | 24    | 0:00       | 0:00     | 5292.85   | 0.00          | 0.00          | -169185.64 | 5287.56          | -169009.03 | 0.00       | 0.00   | 0.00   | 0.00   |
| 105    | RT          | Unit Testing        | Intertie | NA                     | 11/15/2021 | 18 - 125 | No         | INC     | 24    | 0:00       | 0:00     | 6856.93   | 0.00          | 0.00          | -297844.44 | 6849.42          | -297560.58 | 0.00       | 0.00   | 0.00   | 0.00   |
| 106    | RT          | Unit Testing        | Intertie | NA                     | 11/16/2021 | 25 - 167 | No         | INC     | 24    | 0:00       | 0:00     | 7031.06   | 0.00          | 0.00          | -649449.16 | 7017.59          | -649021.30 | 0.00       | 0.00   | 0.00   | 0.00   |

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| Number | Market Type | Reason       | Location | Local Reliability Area | Trade Date | MW       | Commitment | INC_DEC | Hours | Begin Time | End Time | Total MWH | Min Load Cost | Start Up Cost | CC6470     | ED MWH (INC/DEC) | CC6470 INC | CC6470 DEC | CC6482 | CC6488 | CC6620 |
|--------|-------------|--------------|----------|------------------------|------------|----------|------------|---------|-------|------------|----------|-----------|---------------|---------------|------------|------------------|------------|------------|--------|--------|--------|
| 107    | RT          | Unit Testing | Intertie | NA                     | 11/17/2021 | 20 - 137 | No         | INC     | 24    | 0:00       | 0:00     | 5262.47   | 0.00          | 0.00          | -222435.77 | 5258.47          | -222236.85 | 0.00       | 0.00   | 0.00   | 0.00   |
| 108    | RT          | Unit Testing | Intertie | NA                     | 11/18/2021 | 22 - 110 | No         | INC     | 24    | 0:00       | 0:00     | 2989.59   | 0.00          | 0.00          | -148274.34 | 2986.18          | -148058.17 | 0.00       | 0.00   | 0.00   | 0.00   |
| 109    | RT          | Unit Testing | Intertie | NA                     | 11/19/2021 | 9 - 115  | No         | INC     | 24    | 0:00       | 0:00     | 3250.88   | 0.00          | 0.00          | -156793.42 | 3244.66          | -156442.36 | 0.00       | 0.00   | 0.00   | 0.00   |
| 110    | RT          | Unit Testing | Intertie | NA                     | 11/20/2021 | 25 - 170 | No         | INC     | 24    | 0:00       | 0:00     | 3538.73   | 0.00          | 0.00          | -146264.58 | 3535.40          | -146199.56 | 0.00       | 0.00   | 0.00   | 0.00   |
| 111    | RT          | Unit Testing | Intertie | NA                     | 11/21/2021 | 20 - 125 | No         | INC     | 24    | 0:00       | 0:00     | 4219.80   | 0.00          | 0.00          | -152626.43 | 4214.04          | -152226.23 | 0.00       | 0.00   | 0.00   | 0.00   |
| 112    | RT          | Unit Testing | Intertie | NA                     | 11/22/2021 | 22 - 170 | No         | INC     | 24    | 0:00       | 0:00     | 2821.00   | 0.00          | 0.00          | -131058.73 | 2816.01          | -130806.99 | 0.00       | 0.00   | 0.00   | 0.00   |
| 113    | RT          | Unit Testing | Intertie | NA                     | 11/23/2021 | 58 - 120 | No         | INC     | 4     | 7:00       | 11:00    | 336.61    | 0.00          | 0.00          | -14140.05  | 334.97           | -14074.05  | 0.00       | 0.00   | 0.00   | 0.00   |
| 114    | RT          | Unit Testing | Intertie | NA                     | 11/24/2021 | 20 - 145 | No         | INC     | 10    | 6:00       | 16:00    | 827.06    | 0.00          | 0.00          | -21697.25  | 824.15           | -21535.74  | 0.00       | 0.00   | 0.00   | 0.00   |
| 115    | RT          | Unit Testing | Intertie | NA                     | 11/25/2021 | 20 - 145 | No         | INC     | 9     | 6:00       | 15:00    | 1057.99   | 0.00          | 0.00          | -12354.44  | 1054.00          | -12155.97  | 0.00       | 0.00   | 0.00   | 0.00   |
| 116    | RT          | Unit Testing | Intertie | NA                     | 11/26/2021 | 125      | No         | INC     | 9     | 7:00       | 16:00    | 65.70     | 0.00          | 0.00          | -790.80    | 65.70            | -790.80    | 0.00       | 0.00   | 0.00   | 0.00   |
| 117    | RT          | Unit Testing | Intertie | NA                     | 11/27/2021 | 125      | No         | INC     | 9     | 7:00       | 16:00    | 1014.57   | 0.00          | 0.00          | -16491.94  | 1014.57          | -16491.94  | 0.00       | 0.00   | 0.00   | 0.00   |
| 118    | RT          | Unit Testing | Intertie | NA                     | 11/29/2021 | 125      | No         | INC     | 10    | 7:00       | 17:00    | 1030.89   | 0.00          | 0.00          | -37854.55  | 1030.89          | -37854.55  | 0.00       | 0.00   | 0.00   | 0.00   |
| 119    | RT          | Unit Testing | Intertie | NA                     | 11/30/2021 | 20 - 180 | No         | INC     | 18    | 6:00       | 0:00     | 2515.95   | 0.00          | 0.00          | -112323.70 | 2515.95          | -112323.70 | 0.00       | 0.00   | 0.00   | 0.00   |
| 120    | RT          | Unit Testing | PGAE     | Fresno                 | 11/2/2021  | 26       | No         | INC     | 1     | 20:15      | 20:45    | 12.98     | 0.00          | 0.00          | -1042.22   | 12.98            | -1042.22   | 0.00       | 0.00   | 0.00   | 0.00   |
| 121    | RT          | Unit Testing | PGAE     | Fresno                 | 11/11/2021 | 83       | No         | DEC     | 2     | 16:00      | 17:30    | 54.53     | -4523.46      | 0.00          | -3138.54   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 122    | RT          | Unit Testing | PGAE     | Fresno                 | 11/11/2021 | 83       | No         | INC     | 4     | 12:10      | 16:00    | -6.67     | 0.00          | 0.00          | 442.74     | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |

**California Independent System Operator Corporation  
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**Chart 2: Table of Exceptional Dispatches for Period 01/November/2021 - 30/November/2021**

| Number | Market Type | Reason           | Location | Local Reliability Area | Trade Date | MW    | Commitment | INC_DEC | Hours | Begin Time | End Time | Total MWH | Min Load Cost | Start Up Cost | CC6470    | ED MWH (INC/DEC) | CC6470 INC | CC6470 DEC | CC6482 | CC6488 | CC6620 |
|--------|-------------|------------------|----------|------------------------|------------|-------|------------|---------|-------|------------|----------|-----------|---------------|---------------|-----------|------------------|------------|------------|--------|--------|--------|
| 123    | RT          | Unit Testing     | PGAE     | Fresno                 | 11/20/2021 | 26.06 | No         | INC     | 1     | 12:25      | 13:10    | 20.42     | 11087.69      | 0.00          | -152.77   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 124    | RT          | Unit Testing     | SCE      | Big Creek-Ventura      | 11/20/2021 | 11    | No         | INC     | 1     | 19:20      | 19:50    | 5.04      | 0.00          | 0.00          | -310.78   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 125    | RT          | Unit Testing     | SCE      | LA Basin               | 11/10/2021 | 20    | No         | INC     | 1     | 11:25      | 11:55    | 19.33     | 0.00          | 0.00          | -860.25   | 19.33            | -860.25    | 0.00       | 0.00   | 0.00   | 0.00   |
| 126    | RT          | Unit Testing     | SCE      | LA Basin               | 11/20/2021 | 48.49 | No         | INC     | 1     | 15:25      | 16:00    | 28.29     | 0.00          | 0.00          | -12310.28 | 28.29            | -12310.28  | 0.00       | 0.00   | 0.00   | 0.00   |
| 127    | RT          | Unit Testing     | SCE      | LA Basin               | 11/23/2021 | 49    | No         | INC     | 1     | 12:10      | 12:55    | 33.16     | 0.00          | 0.00          | -13627.63 | 33.16            | -13627.63  | 0.00       | 0.00   | 0.00   | 0.00   |
| 128    | RT          | Unit Testing     | SCE      | NA                     | 11/2/2021  | 225   | No         | INC     | 3     | 11:45      | 14:00    | 43.60     | 0.00          | 0.00          | -2336.56  | 42.59            | -2302.34   | 0.00       | 0.00   | 0.00   | 0.00   |
| 129    | RT          | Unit Testing     | SDGE     | San Diego-IV           | 11/20/2021 | 24    | No         | INC     | 1     | 22:10      | 22:40    | 11.15     | 0.00          | 0.00          | -712.32   | 11.15            | -712.32    | 0.00       | 0.00   | 0.00   | 0.00   |
| 130    | RT          | Unplanned Outage | PGAE     | Bay Area               | 11/4/2021  | 140   | No         | INC     | 8     | 5:00       | 13:00    | -125.98   | 127775.82     | 5695.52       | 5335.75   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 131    | RT          | Unplanned Outage | PGAE     | Fresno                 | 11/13/2021 | 83    | No         | INC     | 1     | 4:05       | 5:00     | 89.04     | 8217.61       | 0.00          | -4885.71  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 132    | RT          | Unplanned Outage | PGAE     | NA                     | 11/4/2021  | 62    | No         | INC     | 6     | 4:20       | 10:00    | 30.77     | 42497.79      | 0.00          | -1848.74  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 133    | RT          | Unplanned Outage | PGAE     | NA                     | 11/30/2021 | 0     | No         | DEC     | 1     | 15:25      | 16:25    | 0.00      | 0.00          | 0.00          | 0.00      | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 134    | RT          | Voltage Support  | PGAE     | Bay Area               | 11/13/2021 | 142   | No         | DEC     | 1     | 22:45      | 23:00    | 3.70      | 0.00          | 0.00          | -176.19   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 135    | RT          | Voltage Support  | PGAE     | Bay Area               | 11/13/2021 | 142   | No         | INC     | 1     | 23:00      | 0:00     | 185.79    | 0.00          | 0.00          | -8818.35  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 136    | RT          | Voltage Support  | PGAE     | Bay Area               | 11/14/2021 | 142   | No         | INC     | 7     | 0:00       | 7:00     | 534.01    | 35485.00      | 0.00          | -23515.79 | 2.34             | -104.01    | 0.00       | 0.00   | -0.96  | 0.00   |
| 137    | RT          | Voltage Support  | PGAE     | Fresno                 | 11/1/2021  | -310  | No         | DEC     | 6     | 0:00       | 6:00     | 9.33      | 0.00          | 0.00          | -698.25   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 138    | RT          | Voltage Support  | PGAE     | Fresno                 | 11/3/2021  | 83    | No         | INC     | 2     | 4:30       | 6:00     | 34.65     | 4934.68       | 0.00          | -2082.73  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 139    | RT          | Voltage Support  | PGAE     | Fresno                 | 11/5/2021  | -308  | No         | DEC     | 2     | 4:10       | 5:30     | 0.00      | 0.00          | 0.00          | 0.00      | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 140    | RT          | Voltage Support  | PGAE     | Fresno                 | 11/7/2021  | 83    | Yes        | INC     | 9     | 15:30      | 0:00     | -176.30   | 20972.40      | 0.00          | 9739.15   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |

**California Independent System Operator Corporation  
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**Chart 2: Table of Exceptional Dispatches for Period 01/November/2021 - 30/November/2021**

| Number | Market Type | Reason          | Location | Local Reliability Area | Trade Date | MW             | Commitment | INC_DEC | Hours | Begin Time | End Time | Total MWH | Min Load Cost | Start Up Cost | CC6470    | ED MWH (INC/DEC) | CC6470 INC | CC6470 DEC | CC6482 | CC6488 | CC6620 |
|--------|-------------|-----------------|----------|------------------------|------------|----------------|------------|---------|-------|------------|----------|-----------|---------------|---------------|-----------|------------------|------------|------------|--------|--------|--------|
| 141    | RT          | Voltage Support | PGAE     | Fresno                 | 11/8/2021  | -308           | No         | DEC     | 5     | 0:30       | 5:30     | 8.85      | 0.00          | 0.00          | -447.74   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 142    | RT          | Voltage Support | PGAE     | Fresno                 | 11/14/2021 | -310 -<br>-306 | No         | DEC     | 22    | 1:50       | 23:45    | -136.98   | 0.00          | 0.00          | 6134.35   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 143    | RT          | Voltage Support | PGAE     | Fresno                 | 11/15/2021 | -308           | No         | DEC     | 2     | 4:10       | 6:00     | 0.00      | 0.00          | 0.00          | 0.00      | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 144    | RT          | Voltage Support | PGAE     | Fresno                 | 11/24/2021 | -309           | No         | DEC     | 5     | 0:05       | 5:00     | 0.00      | 0.00          | 0.00          | 0.00      | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 145    | RT          | Voltage Support | PGAE     | Fresno                 | 11/25/2021 | -309           | No         | DEC     | 1     | 23:40      | 23:45    | 0.00      | 0.00          | 0.00          | 0.00      | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 146    | RT          | Voltage Support | PGAE     | Fresno                 | 11/25/2021 | 83             | No         | INC     | 1     | 23:55      | 0:00     | -5.53     | 1425.58       | 0.00          | 235.10    | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 147    | RT          | Voltage Support | PGAE     | Fresno                 | 11/26/2021 | 83             | No         | DEC     | 1     | 16:00      | 17:00    | -48.09    | 0.00          | 0.00          | 2312.76   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 148    | RT          | Voltage Support | PGAE     | Fresno                 | 11/26/2021 | 83             | No         | INC     | 16    | 0:00       | 16:00    | 86.81     | 124354.01     | 0.00          | -4065.30  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 149    | RT          | Voltage Support | PGAE     | Fresno                 | 11/27/2021 | 83             | No         | INC     | 24    | 0:10       | 0:00     | 415.58    | 47043.95      | 1500.25       | -21454.38 | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 150    | RT          | Voltage Support | PGAE     | Fresno                 | 11/28/2021 | 83             | No         | INC     | 9     | 0:00       | 8:25     | 54.88     | 44837.08      | 0.00          | -2524.82  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 151    | RT          | Voltage Support | PGAE     | Fresno                 | 11/29/2021 | -309           | No         | DEC     | 6     | 0:30       | 5:45     | -149.94   | 0.00          | 0.00          | 6836.73   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 152    | RT          | Voltage Support | PGAE     | Fresno                 | 11/29/2021 | 83             | No         | INC     | 1     | 6:00       | 7:00     | -29.33    | 9211.41       | 2400.39       | 1807.82   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 153    | RT          | Voltage Support | PGAE     | Humboldt               | 11/5/2021  | 30             | No         | DEC     | 8     | 16:00      | 0:00     | -1.76     | -14534.28     | 0.00          | 95.75     | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 154    | RT          | Voltage Support | PGAE     | Humboldt               | 11/5/2021  | 30             | No         | INC     | 9     | 7:20       | 16:00    | 6.02      | 15953.22      | 0.00          | -376.54   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 155    | RT          | Voltage Support | PGAE     | Humboldt               | 11/6/2021  | 30             | No         | DEC     | 4     | 18:15      | 22:00    | 0.31      | -7460.89      | 0.00          | -31.74    | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 156    | RT          | Voltage Support | PGAE     | Humboldt               | 11/6/2021  | 30             | No         | INC     | 24    | 0:00       | 23:45    | -0.13     | 10009.39      | 0.00          | 6.82      | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 157    | RT          | Voltage Support | PGAE     | Humboldt               | 11/8/2021  | 15             | No         | DEC     | 8     | 0:00       | 8:00     | -0.68     | -1141.11      | 0.00          | 49.11     | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 158    | RT          | Voltage Support | PGAE     | Humboldt               | 11/28/2021 | 15 -<br>30     | No         | INC     | 7     | 17:20      | 0:00     | 7.88      | 11063.93      | 0.00          | -492.00   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |

**California Independent System Operator Corporation  
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**Chart 2: Table of Exceptional Dispatches for Period 01/November/2021 - 30/November/2021**

| Number | Market Type | Reason          | Location | Local Reliability Area | Trade Date | MW      | Commitment | INC_DEC | Hours | Begin Time | End Time | Total MWH | Min Load Cost | Start Up Cost | CC6470   | ED MWH (INC/DEC) | CC6470 INC | CC6470 DEC | CC6482 | CC6488  | CC6620 |
|--------|-------------|-----------------|----------|------------------------|------------|---------|------------|---------|-------|------------|----------|-----------|---------------|---------------|----------|------------------|------------|------------|--------|---------|--------|
| 159    | RT          | Voltage Support | PGAE     | Humboldt               | 11/29/2021 | 15 - 30 | No         | INC     | 8     | 0:00       | 7:35     | 3.97      | 6756.60       | 0.00          | -409.99  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00    | 0.00   |
| 160    | RT          | Voltage Support | PGAE     | Sierra                 | 11/1/2021  | 20      | No         | DEC     | 5     | 5:00       | 10:00    | -66.94    | 0.00          | 0.00          | 3999.68  | -2.30            | 0.00       | 158.63     | 0.00   | -7.53   | 0.00   |
| 161    | RT          | Voltage Support | PGAE     | Sierra                 | 11/1/2021  | 20 - 42 | No         | INC     | 24    | 0:00       | 0:00     | 21.53     | 112345.20     | 0.00          | -1430.06 | 0.00             | 0.00       | 0.00       | 0.00   | 0.00    | 0.00   |
| 162    | RT          | Voltage Support | PGAE     | Sierra                 | 11/2/2021  | 20      | No         | DEC     | 1     | 7:00       | 8:00     | 6.90      | 0.00          | 0.00          | -510.98  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00    | 0.00   |
| 163    | RT          | Voltage Support | PGAE     | Sierra                 | 11/2/2021  | 20 - 42 | No         | INC     | 24    | 0:00       | 0:00     | 2.70      | 120846.96     | 583.39        | -163.04  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00    | 0.00   |
| 164    | RT          | Voltage Support | PGAE     | Sierra                 | 11/3/2021  | 20      | No         | DEC     | 2     | 6:00       | 8:00     | -4.31     | 0.00          | 0.00          | 292.07   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00    | 0.00   |
| 165    | RT          | Voltage Support | PGAE     | Sierra                 | 11/3/2021  | 20 - 42 | No         | INC     | 24    | 0:00       | 0:00     | -0.45     | 120720.96     | 0.00          | 18.91    | 0.00             | 0.00       | 0.00       | 0.00   | 0.00    | 0.00   |
| 166    | RT          | Voltage Support | PGAE     | Sierra                 | 11/4/2021  | 20      | No         | DEC     | 4     | 18:30      | 22:00    | -78.45    | 0.00          | 299.59        | 4081.38  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00    | 0.00   |
| 167    | RT          | Voltage Support | PGAE     | Sierra                 | 11/4/2021  | 20 - 42 | Yes        | INC     | 24    | 0:00       | 0:00     | -2.79     | 26421.48      | 171.19        | 131.36   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00    | 0.00   |
| 168    | RT          | Voltage Support | PGAE     | Sierra                 | 11/5/2021  | 20      | Yes        | DEC     | 2     | 6:00       | 8:00     | -9.00     | 0.00          | 0.00          | 541.26   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00    | 0.00   |
| 169    | RT          | Voltage Support | PGAE     | Sierra                 | 11/5/2021  | 20      | Yes        | INC     | 6     | 0:00       | 6:00     | 3.88      | 0.00          | 0.00          | -184.45  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00    | 0.00   |
| 170    | RT          | Voltage Support | PGAE     | Sierra                 | 11/6/2021  | 21      | No         | DEC     | 14    | 6:00       | 20:00    | -36.21    | 0.00          | 0.00          | 2117.17  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00    | 0.00   |
| 171    | RT          | Voltage Support | PGAE     | Sierra                 | 11/6/2021  | 20 - 40 | No         | INC     | 23    | 1:30       | 0:00     | 6.86      | 66596.59      | 4158.24       | -668.15  | 0.65             | -33.54     | 0.00       | 0.00   | -306.16 | 0.00   |
| 172    | RT          | Voltage Support | PGAE     | Sierra                 | 11/7/2021  | 20 - 21 | No         | DEC     | 5     | 16:00      | 21:00    | -118.70   | 0.00          | 0.00          | 7179.00  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00    | 0.00   |
| 173    | RT          | Voltage Support | PGAE     | Sierra                 | 11/7/2021  | 20 - 40 | No         | INC     | 25    | 0:00       | 0:00     | 106.55    | 16672.01      | 4158.24       | -6363.02 | 0.00             | 0.00       | 0.00       | 0.00   | -535.20 | 0.00   |
| 174    | RT          | Voltage Support | PGAE     | Sierra                 | 11/8/2021  | 40      | No         | DEC     | 2     | 0:00       | 1:30     | 19.52     | 173.79        | 0.00          | -939.78  | 0.00             | 0.00       | 0.00       | 0.00   | -19.13  | 0.00   |
| 175    | RT          | Voltage Support | PGAE     | Sierra                 | 11/8/2021  | 20 - 42 | No         | INC     | 24    | 0:00       | 0:00     | 32.60     | 77236.53      | 0.00          | -2894.82 | 0.00             | 0.00       | 0.00       | 0.00   | -57.55  | 0.00   |
| 176    | RT          | Voltage Support | PGAE     | Sierra                 | 11/9/2021  | 20      | No         | DEC     | 2     | 5:00       | 7:00     | 0.00      | 0.00          | 0.00          | 0.00     | 0.00             | 0.00       | 0.00       | 0.00   | 0.00    | 0.00   |

**California Independent System Operator Corporation  
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**Chart 2: Table of Exceptional Dispatches for Period 01/November/2021 - 30/November/2021**

| Number | Market Type | Reason          | Location | Local Reliability Area | Trade Date | MW      | Commitment | INC_DEC | Hours | Begin Time | End Time | Total MWH | Min Load Cost | Start Up Cost | CC6470    | ED MWH (INC/DEC) | CC6470 INC | CC6470 DEC | CC6482 | CC6488 | CC6620 |
|--------|-------------|-----------------|----------|------------------------|------------|---------|------------|---------|-------|------------|----------|-----------|---------------|---------------|-----------|------------------|------------|------------|--------|--------|--------|
| 177    | RT          | Voltage Support | PGAE     | Sierra                 | 11/9/2021  | 20 - 42 | No         | INC     | 24    | 0:00       | 0:00     | 6.35      | 38206.52      | 561.13        | -351.14   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 178    | RT          | Voltage Support | PGAE     | Sierra                 | 11/10/2021 | 20      | No         | DEC     | 17    | 5:00       | 22:00    | -26.22    | 0.00          | 0.00          | 1399.33   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 179    | RT          | Voltage Support | PGAE     | Sierra                 | 11/10/2021 | 20 - 42 | Yes        | INC     | 24    | 0:00       | 0:00     | 3.00      | 32673.59      | 4682.64       | 165.91    | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 180    | RT          | Voltage Support | PGAE     | Sierra                 | 11/11/2021 | 20      | No         | DEC     | 5     | 15:00      | 20:00    | -79.77    | 0.00          | 0.00          | 4399.08   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 181    | RT          | Voltage Support | PGAE     | Sierra                 | 11/11/2021 | 20 - 42 | No         | INC     | 24    | 0:00       | 0:00     | -29.19    | 49138.97      | 463.34        | 1685.88   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 182    | RT          | Voltage Support | PGAE     | Sierra                 | 11/12/2021 | 20      | Yes        | INC     | 24    | 0:00       | 0:00     | -26.55    | 27874.86      | 538.63        | 1447.47   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 183    | RT          | Voltage Support | PGAE     | Sierra                 | 11/13/2021 | 20      | No         | DEC     | 14    | 6:00       | 20:00    | -70.82    | 0.00          | 0.00          | 2730.76   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 184    | RT          | Voltage Support | PGAE     | Sierra                 | 11/13/2021 | 20 - 40 | No         | INC     | 24    | 0:00       | 0:00     | 119.55    | 90517.20      | 0.00          | -19183.75 | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 185    | RT          | Voltage Support | PGAE     | Sierra                 | 11/14/2021 | 20 - 40 | No         | DEC     | 20    | 0:00       | 20:00    | -4.46     | 0.00          | 0.00          | 33.23     | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 186    | RT          | Voltage Support | PGAE     | Sierra                 | 11/14/2021 | 20      | Yes        | INC     | 24    | 0:00       | 0:00     | -18.35    | 60433.54      | 0.00          | 1035.36   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 187    | RT          | Voltage Support | PGAE     | Sierra                 | 11/15/2021 | 20      | Yes        | DEC     | 1     | 6:00       | 7:00     | 0.29      | 0.00          | 0.00          | -15.22    | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 188    | RT          | Voltage Support | PGAE     | Sierra                 | 11/15/2021 | 20      | Yes        | INC     | 24    | 0:00       | 0:00     | 4.28      | 25233.65      | 1063.78       | -164.81   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 189    | RT          | Voltage Support | PGAE     | Sierra                 | 11/16/2021 | 20      | No         | DEC     | 2     | 6:00       | 8:00     | 21.85     | 0.00          | 0.00          | -18766.20 | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 190    | RT          | Voltage Support | PGAE     | Sierra                 | 11/16/2021 | 20      | No         | INC     | 6     | 0:00       | 6:00     | -3.77     | 0.00          | 0.00          | 240.97    | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 191    | RT          | Voltage Support | PGAE     | Sierra                 | 11/17/2021 | 20      | No         | DEC     | 6     | 16:00      | 22:00    | -105.43   | 0.00          | 0.00          | 6952.48   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 192    | RT          | Voltage Support | PGAE     | Sierra                 | 11/17/2021 | 20      | No         | INC     | 19    | 4:05       | 23:00    | 18.18     | 8499.49       | 0.00          | 287.23    | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 193    | RT          | Voltage Support | PGAE     | Sierra                 | 11/20/2021 | 20      | No         | INC     | 18    | 6:30       | 0:00     | -60.19    | 46389.35      | 528.51        | 3314.81   | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 194    | RT          | Voltage Support | PGAE     | Sierra                 | 11/21/2021 | 20      | No         | INC     | 24    | 0:00       | 0:00     | 28.03     | 55667.22      | 529.51        | -4597.58  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |

**California Independent System Operator Corporation  
Exceptional Dispatch Report  
January 18, 2022**

**Chart 2: Table of Exceptional Dispatches for Period 01/November/2021 - 30/November/2021**

| Number | Market Type | Reason          | Location | Local Reliability Area | Trade Date | MW      | Commitment | INC_DEC | Hours | Begin Time | End Time | Total MWH | Min Load Cost | Start Up Cost | CC6470  | ED MWH (INC/DEC) | CC6470 INC | CC6470 DEC | CC6482 | CC6488 | CC6620 |
|--------|-------------|-----------------|----------|------------------------|------------|---------|------------|---------|-------|------------|----------|-----------|---------------|---------------|---------|------------------|------------|------------|--------|--------|--------|
| 195    | RT          | Voltage Support | PGAE     | Sierra                 | 11/22/2021 | 20      | No         | INC     | 24    | 0:00       | 0:00     | -49.65    | 37199.12      | 0.00          | 2905.58 | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 196    | RT          | Voltage Support | PGAE     | Sierra                 | 11/23/2021 | 20      | No         | INC     | 24    | 0:00       | 0:00     | 12.50     | 1708.88       | 0.00          | -571.03 | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 197    | RT          | Voltage Support | PGAE     | Sierra                 | 11/24/2021 | 20      | No         | INC     | 24    | 0:00       | 0:00     | -17.55    | 36717.80      | 0.00          | 901.14  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 198    | RT          | Voltage Support | PGAE     | Sierra                 | 11/25/2021 | 20      | No         | INC     | 24    | 0:00       | 0:00     | -11.61    | 38215.50      | 0.00          | 599.25  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 199    | RT          | Voltage Support | PGAE     | Sierra                 | 11/26/2021 | 20      | No         | INC     | 24    | 0:00       | 0:00     | 0.50      | 38215.50      | 0.00          | 0.66    | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 200    | RT          | Voltage Support | PGAE     | Sierra                 | 11/27/2021 | 20      | No         | INC     | 24    | 0:00       | 0:00     | -76.53    | 38309.25      | 0.00          | 3948.64 | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 201    | RT          | Voltage Support | PGAE     | Sierra                 | 11/28/2021 | 40      | No         | DEC     | 1     | 5:40       | 6:00     | 1.96      | 0.00          | 0.00          | -88.07  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 202    | RT          | Voltage Support | PGAE     | Sierra                 | 11/28/2021 | 20 - 40 | No         | INC     | 24    | 0:00       | 0:00     | -7.35     | 42102.62      | 0.00          | 423.82  | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 203    | RT          | Voltage Support | PGAE     | Sierra                 | 11/29/2021 | 20 - 40 | No         | INC     | 24    | 0:00       | 0:00     | 6.79      | 75003.53      | 4023.88       | -483.16 | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 204    | RT          | Voltage Support | PGAE     | Sierra                 | 11/30/2021 | 40      | No         | DEC     | 6     | 0:00       | 6:00     | 3.92      | 0.00          | 0.00          | -203.65 | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |
| 205    | RT          | Voltage Support | PGAE     | Sierra                 | 11/30/2021 | 20 - 40 | No         | INC     | 24    | 0:00       | 0:00     | -36.17    | 8824.69       | 0.00          | 1378.34 | 0.00             | 0.00       | 0.00       | 0.00   | 0.00   | 0.00   |



## Appendix A: Explanation by Example

All examples listed below are based on fictitious data. Many simplified assumptions are made to explain settlement charge codes, and not all assumptions are explicitly stated in these examples. For instance, settlement charge codes are calculated based on metered quantities, whereas in these examples, the dispatch quantities are assumed to be equal to metered quantities. These assumptions have been made to simplify the understanding of settlements calculations.

### Example 1: Exceptional Dispatch Instructions Prior to DAM

In this fictitious example, the CAISO issued an exceptional dispatch instruction for resource A to be committed at its Pmin of 50 MW from hours ending 5 through 10 for a generation procedure 7630. Similarly, the CAISO issued additional instructions to resources B and C for the same reason in Table 2. Exceptional dispatches prior to the day-ahead market are commitments to minimum load. Here the dispatch levels are all at minimum load. Table 2 below also shows the commitment costs and the total volume (MWh) of exceptional dispatch instruction for each resource. The minimum load costs and start up costs, shown in Table 2 are the eligible minimum load and start up costs different from the bid-in minimum load and start up costs<sup>7</sup>. Only those quantities which relate to pre-day-ahead unit commitments are shown in this table.

**Table 2: Instructions Prior to Day-Ahead Market**

| Date      | Market | Resource | Location | Local Reliability Area (LRA) | Begin Time | End Time | Dispatch level (MW) | Reason | Total Volume (MWh) | Min-Load Cost | Start- Up Cost | CC6620 (BCR) |
|-----------|--------|----------|----------|------------------------------|------------|----------|---------------------|--------|--------------------|---------------|----------------|--------------|
| 01-Jul-09 | DA     | A        | SCE      | LA BASIN                     | 05:00      | 10:00    | 50                  | 7630   | 300                | \$5000        | \$0            | 0            |
| 01-Jul-09 | DA     | B        | SCE      | LA BASIN                     | 08:00      | 20:00    | 30                  | 7630   | 390                | \$6000        | \$500          | \$4000       |
| 01-Jul-09 | DA     | C        | SCE      | LA BASIN                     | 09:00      | 23:00    | 20                  | 7630   | 300                | \$400         | \$1000         | \$1000       |

This data is summarized as shown in Table 3, which is the prescribed format specified in the FERC order on September 02, 2009. This summary classifies the data by reason, resource location, local reliability area, and trade date. The MW column in Table 3 is the range of MW; in this case the minimum instruction MW is 20 MW for resource C which occurs from hours ending 21 through 23. The maximum instruction occurs in hour ending 10. In this hour resource A is committed at 50 MW, resource B is committed at 30 MW and resource C is committed at 20 MW. This adds up to 100 MW. The MW column shows the minimum and maximum of the overlaps of all the exceptional dispatch instructions. The Commitment column shows whether a resource was committed between the begin time and end time. Commitments are broken out separately from energy dispatches. In the day-ahead however, the exceptional dispatches are nearly always just commitments, as in this example. The Begin Time column shows hour ending 5 as this was the hour ending for first dispatch of the day, and the End Time column shows hour ending 23, as this was the hour with last dispatch. It is also possible there might be hours between the begin time and the end time where there might not be exceptional dispatch instructions for the reason, meaning that the range between the begin time and end time can include null hours with no dispatch. The total volume (MWh) is the MWh quantity for each resource, which adds up to 990 MWh. Similarly, all cost information is sum of individual resource costs. Some resources bid-in zero start-up cost; as seen in this example, resource A bid in zero for its start up cost. Since the CAISO does not explicitly pay a resource for bid-in minimum load costs and start-up costs; these costs are recovered through the charge code CC6620 (Bid Cost Recovery), this table shows the summary of CC6620 for the classification. Here, it is the CC6620 for all three resources which adds up to \$5000. This column shows the impact of exceptional dispatch on bid cost recovery for all pre-day-ahead exceptional dispatch commitments.

**Table 3: FERC Summary of Instructions Prior to DAM**

| Number | Market Type | Reason | Location | Local Reliability Area (LRA) | Trade Date | MW     | Commitment | INC/DEC | Hour | Begin Time | End Time | Total Volume (MWh) | Min-Load Cost | Start-Up Cost | CC6620 |
|--------|-------------|--------|----------|------------------------------|------------|--------|------------|---------|------|------------|----------|--------------------|---------------|---------------|--------|
| 1      | DA          | 7630   | SCE      | LA Basin                     | 1-Jul-09   | 20-100 | Yes        | N/A     | 19   | 05:00      | 23:00    | 990                | \$11,400      | \$1,500       | \$5000 |

### Example 2: Incremental Exceptional Dispatch Instructions in RTM

In this fictitious example the CAISO issued an exceptional dispatch instruction to resource A to be committed at its Pmin of 30 MW from hours 6:00 through 11:00 after completion of the day-ahead market for the transmission procedure 7110. This resource had no day-ahead award in those hours. The CAISO issued another exceptional dispatch instruction to resource B, to be dispatched at 40 MW from hours 7:00

<sup>7</sup> Please refer to the BPM configuration Guide: Bid Cost Recovery Settlements published on the CAISO's website for details about eligible minimum load and start up costs.

through 9:00 in real-time for the transmission procedure 7110. This resource had a day-ahead schedule of 20 MW from the day-ahead market, which implies this exceptional dispatch instruction was an incremental instruction and the exceptional dispatch MW was 20 MW. Similarly, the details of exceptional dispatch (ED) instruction for resource C are shown in Table 4. This table also shows volume (MWh) and various real-time charge codes associated with the exceptional dispatch instructions. The total MWh column for each resource shows all types of imbalance energy quantities for this resource between the begin time and end time which includes both the exceptional dispatch energy quantities and optimal energy quantities.

Resource A was committed at its Pmin so its total volume (MWh) is equal to its Pmin times the number of hours, which is calculated as 30 MW times 6 hours and is equal to 180 MWh. The resource Minimum load costs and the start up costs are its eligible commitment costs for that period. LMP at this resource is \$10/MWh, so the charge code CC6470 is calculated at (180 MWh \* \$10/MWh) and is equal to \$1,800. Since this resource is not dispatched above its Pmin, it has a zero volume (MWh) of exceptional dispatch. All charge codes associated with the exceptional dispatch increment or decrement quantities are zero.

Resource B is dispatched 20 MW above its day-ahead schedule, so its total volume (MWh) is calculated as 20 MW times 3 hours which is equal to 60 MWh. Since the resource was committed in the Day-Ahead Market there are no minimum load quantity and start up costs associated with this resource. The resource had a bid price of \$100/MWh and the LMP at that resource was \$10/MWh. All of 60 MWh is considered as exceptional dispatch incremental quantity shown in ED Volume (MWH INC/DEC) column. The charge code CC6470 INC is calculated as 60 MWh \* resource LMP (\$10/MWh) which is equal to \$600. Since the only imbalance energy in this timeframe was the exceptional dispatch volume, the charge code CC6470 is equal to CC6470 INC. The charge code CC6488 is calculated as MWH quantity \*(bid price – LMP), which is equal to \$5400 (60 MWh \*(\$10/MWh-\$100/MWh)). Similarly, volumes and real-time charge codes are calculated for resource C.

**Table 4: Incremental Exceptional Dispatch Instructions in RTM**

| Date     | Market | Resource | Location | Local Reliability Area (LRA) | Begin Time | End Time | Dispatch level (MW) | Day-Ahead Award (MW) | Commitment | INC/DEC | ED (MW) | Reason | Total MWH | Min Load Cost | Start Up Cost | CC6470 | ED MWH (INC/DEC) | CC6470 INC | CC6470 DEC | CC6482 | CC6488 |
|----------|--------|----------|----------|------------------------------|------------|----------|---------------------|----------------------|------------|---------|---------|--------|-----------|---------------|---------------|--------|------------------|------------|------------|--------|--------|
| 1-Jul-09 | RT     | A        | PG&E     | Humboldt                     | 6:00       | 11:00    | 30                  | 0                    | Yes        | INC     | 30      | 7110   | 180       | 1000          | 50            | 1800   | 0                | 0          | 0          | 0      | 0      |
| 1-Jul-09 | RT     | B        | PG&E     | Humboldt                     | 7:00       | 9:00     | 40                  | 20                   | No         | INC     | 20      | 7110   | 60        | 0             | 0             | 600    | 60               | 600        | 0          | 0      | 5400   |
| 1-Jul-09 | RT     | C        | PG&E     | Humboldt                     | 12:00      | 15:00    | 50                  | 50                   | No         | INC     | 0       | 7110   | 0         | 0             | 0             | 0      | 0                | 0          | 0          | 0      | 0      |
| 1-Jul-09 | RT     | C        | PG&E     | Humboldt                     | 16:00      | 20:00    | 50                  | 40                   | No         | INC     | 10      | 7110   | 50        | 0             | 0             | 300    | 20               | 300        | 0          | 0      | 200    |

This data is summarized as shown in Table 5 and is classified by reason, resource location, local reliability area, and trade date. The MW column in Table 5 is the range of MW; in this case the minimum instruction MW is 0 MW for resource C which occurs from hours ending 13 through 15. The maximum instruction occurs in hours ending 8 & 9, as during these two hours both resources A and B have an ED MW of 30MW and 20MW, respectively. This adds up to 50 MW. The MW column shows the minimum and maximum of the overlaps of all the exceptional dispatch instructions. The Commitment column shows whether a resource was committed between the begin time and end time. This column shows a commitment if there was a single commitment in the entire interval of exceptional dispatch. The Begin Time column shows the time of the first dispatch of the day. This is a time not a range. Similarly, the End Time column shows a time and not a range. Exceptional dispatches occurred between these two times. Since there was a commitment between the begin time and end time, the Commitment column displays yes for the summary. Similarly, the INC/DEC column shows an INC, as there was an incremental dispatch between the begin time and end time. As mentioned in the previous example, it is possible there might be hours between the begin time and end time where there were no exceptional dispatch instructions for the reason. Both volume and cost information columns are the summation for all the respective columns for resources A, B and C. For instance, the Total volume (MWh) column is calculated as summation of 180,60,0 and 50, which are the individual volumes (MWh) for resources A, B and C for time periods shown in Table 4.

**Table 5: FERC Summary of ED Instructions in RTM**

| Number | Market Type | Reason | Location | Local Reliability Area (LRA) | Trade Date | MW   | Commitment | INC/DEC | Hour | Begin Time | End Time | Total MWh | Min Load Cost | Start Up Cost | CC6470 | ED MWh (INC/DEC) | CC6470 INC | CC6470 DEC | CC6482 | CC6488 |
|--------|-------------|--------|----------|------------------------------|------------|------|------------|---------|------|------------|----------|-----------|---------------|---------------|--------|------------------|------------|------------|--------|--------|
| 1      | RT          | 7110   | PG&E     | Humboldt                     | 1-Jul-09   | 0-50 | Yes        | INC     | 15   | 6:00       | 20:00    | 290       | 1000          | 50            | 1700   | 140              | 1500       | 0          | 0      | 11000  |

It is possible that the CAISO would dispatch a particular resource, for instance at 10 MW from hours ending 1 through 4, and all or part of its energy might settle as optimal energy. This situation occurs when the LMP at the resource pricing node is above the resource bid price. This cost will only be captured in charge code 6470. It is also possible that CAISO issues an exceptional dispatch for the resource to operate at a minimum of 10 MW which is its Pmin; however the market application might dispatch this resource above Pmin because the resource is economical. When this occurs, the charge code CC6470 and the total MWh quantity might overstate the actual exceptional dispatch MWh quantities. So, to best estimate the cost and volume (MWh) of exceptional dispatch, it is appropriate to consider only the following columns: ED MWh (INC/DEC), CC6470 INC, CC6470 DEC, CC6482, CC6488.

**Example 3: Decremental Exceptional Dispatch Instructions in RTM**

This example highlights decremental exceptional dispatch instructions in the real-time market. In this fictitious example, the CAISO issued an exceptional dispatch instruction to resource A to be committed at its Pmin of 20 MW from hours ending 15 through 20 after completion of the day-ahead market for the transmission procedure 7430. The CAISO issued additional exceptional dispatch instructions for resources B and C; details of those instructions are shown in Table 6. This table also includes volume (MWh) and cost information.

Resource A is committed in real-time at its Pmin, its total volume (MWh) is 20MW \*6 hours which is equal to 120 MWh. This resource has a zero MW of incremental dispatch in all hours, so all other relevant cost and volume columns result in zeros. Resource B has a decremental MW of 20 MW in 3 hours, which results in 60 MWh of decremental volume. Since this resource is not committed in real-time, both the minimum load cost and start up costs are zero. This resource had a bid price of \$50/MWh and LMP at the resource pricing node is \$10/ MWh. Based on this information CC6470-Dec is calculated as 60 MWh \*\$10/MWh which is equal to \$600. Since this resource has its ED volume (MWh) equal to its Total volume, CC6470 is equal to CC6470- DEC. The CC6488 is calculated as (60 MWh \* (\$50/MWh - \$10/MWh)), which is equal to \$2400. Resource C had a bid price of \$10/MWh and the LMP at its pricing node is \$50/MWh. Based on this information, volume and cost information is calculated for resource C.

**Table 6: Decremental Exceptional Dispatch Instructions in RTM**

| Date     | Market Type | Resource | Location | Local Reliability Area (LRA) | Begin Time | End Time | Dispatch level (MW) | Day-Ahead Award (MW) | Commitment | INC/DEC | ED (MW) | Reason | Total MWh | Min Load Cost | Start Up Cost | CC6470 | ED MWh (INC/DEC) | CC6470 INC | CC6470 DEC | CC6482 | CC6488  |
|----------|-------------|----------|----------|------------------------------|------------|----------|---------------------|----------------------|------------|---------|---------|--------|-----------|---------------|---------------|--------|------------------|------------|------------|--------|---------|
| 1-Jul-09 | RT          | A        | PG&E     | Fresno                       | 15:00      | 20:00    | 20                  | 0                    | Yes        | INC     | 20      | 7430   | 120       | \$ 120        | \$ 100        | \$ -   | 0                | \$ -       | \$ -       | \$ -   | \$ -    |
| 1-Jul-09 | RT          | B        | PG&E     | Fresno                       | 7:00       | 9:00     | 40                  | 60                   | No         | DEC     | 20      | 7430   | (60)      | \$ -          | \$ -          | \$ 600 | -60              | \$ -       | \$ 600     | \$ -   | \$2,400 |
| 1-Jul-09 | RT          | C        | PG&E     | Fresno                       | 10:00      | 14:00    | 40                  | 50                   | No         | DEC     | 10      | 7430   | (50)      | \$ -          | \$ -          | \$ 500 | -50              | \$ -       | \$ 500     | \$ -   | \$2,000 |

This data is summarized according to FERC convention in Table 7. This summary classifies the data by reason, resource location, local reliability area, and trade date. Incs and decs are broken out separately. The inc entry is self-explanatory and similar to the previous example. Regarding the dec entry the MW column is the range of MW; in this case the minimum dec instruction is 10 MW (actually -10MW as it is a dec) for resource C which occurs from hours ending 10 through 14. The maximum instruction occurs from hours ending 7 through 9, when resource B was issued a dec instruction of 20 MW. The MW column shows the minimum and maximum of the overlaps of all the exceptional dispatch instructions. The Commitment column shows whether a resource was committed between the begin time and end time. The volume and cost information are summarized by INC and DEC classification.

**Table 7: FERC Summary of Decremental ED Instructions in RTM**

| Number | Market Type | Reason | Location | Local Reliability Area (LRA) | Trade Date | MW    | Commitment | INC/DEC | Hour | Begin Time | End Time | Total MWH | Min Load Cost | Start Up Cost | CC6470     | ED MWH (INC/DEC) | CC6470 INC | CC6470 DEC | CC6482 | CC6488     |
|--------|-------------|--------|----------|------------------------------|------------|-------|------------|---------|------|------------|----------|-----------|---------------|---------------|------------|------------------|------------|------------|--------|------------|
| 1      | RT          | 7430   | PG&E     | Fresno                       | 1-Jul-09   | 20    | Yes        | INC     | 6    | 15:00      | 20:00    | 120       | \$ 120        | \$ 100        | \$ -       | 0                | \$ -       | \$ -       | \$ -   | \$ -       |
| 2      | RT          | 7430   | PG&E     | Fresno                       | 1-Jul-09   | 10-20 | Yes        | DEC     | 8    | 7:00       | 14:00    | (110)     | \$ -          | \$ -          | \$ (1,100) | \$ (110)         | \$ -       | \$ (1,100) | \$ -   | \$ (4,400) |

## Appendix B: Price Impact Analysis

In the September 2 FERC order, FERC requested the CAISO to perform price impact analysis on two distinct pricing nodes for the entire reporting period. The order also mentioned that the CAISO must pick two pricing nodes for the entire reporting period that are most affected by the exceptional dispatch instructions, and the two pricing nodes must belong to two load aggregation points (LAPs).

Based on this requirement the CAISO implemented a methodology to perform price impact analysis. First, the CAISO identified a heavily affected pricing node from each of the Pacific Gas & Electric (PG&E) LAP and Southern California Edison (SCE) LAP. These two pricing nodes had the maximum amount of exceptional dispatch volume (MWh) in their respective LAP. Point A is in PG&E LAP and point B is in SCE LAP. Please note these two points correspond to an actual pricing node in the CAISO system. Only one resource was connected to each of these pricing nodes. For each resource the following input parameters were obtained to perform the analysis:

Exceptional dispatch information: constrained level, constraint type, start of exceptional dispatch instruction and end of exceptional dispatch instruction.  
 Real-Time LMPs for each of the five minute intervals for the month.  
 Real-Time hourly bid set for each trade hour.  
 Day-Ahead award for the resources.

The exceptional dispatch intervals have a begin time and an end time which can span as small as one minute to as large as 24 hours. Since the market application dispatches resources on five-minute basis, the exceptional dispatch instructions for each of these resources were broken down into five-minute intervals. If the begin time or end time for an instruction was in the middle of the five-minute interval, that instruction was rounded up to the next five-minute interval. These five-minute intervals were then coupled with resource five-minute LMPs calculated by the real-time market application. Also, the hourly bid information and the hourly day-ahead schedule were put together to create a dataset that had all the information to perform price impact analysis.

An exceptional dispatch instruction can be classified as a start up instruction, an instruction to be dispatched at or above the constrained level, an instruction to be dispatched at or below a constrained level, an instruction to be dispatched at a fixed constrained level, or a shut down instruction. The Locational Marginal Price (LMP) is set by a resource which can provide the next incremental MW of energy. Based on this definition of LMP and the classification of exceptional dispatches based on constraint type, a resource may set the LMP in only those intervals in which the resource is eligible to move either up or down from its constrained level. Hence, in those intervals in which the resource was constrained up at its Pmax or the resource was exceptionally dispatched to its Pmax and forced to generate at that level, the resource was ineligible to set the price as it had no room to move up. Similarly, if the resource was constrained down at its Pmin, then the resource was not eligible to set the price. All those intervals in which the resource was ineligible to set the price were dropped from the dataset under consideration. From this dataset of only eligible intervals, for both pricing nodes A and B, LMPs were calculated for all intervals based on the resource dispatch level and the its bid set. The calculated LMP is equal to that bid price corresponding to the constrained MW segment.

Table 8 shows the price impact analysis information for node A, which is in the PG&E area. This table shows all the five minute intervals in which the resource at PNode A was issued an exceptional dispatch instruction and was eligible to set the price. Out of the 8,640 five-minute intervals in November, this resource was issued exceptional dispatch instructions in 8,174 five-minute intervals. This resource was eligible to set the LMP in 7,459 intervals. Out of the 7,459 intervals, resource calculated LMP was larger than the market LMP in 302 intervals. In the 302 intervals, the average increase in five minute LMP was \$12.15/MWh. Out of the 7,459 intervals, resource calculated LMP was less than the market LMP in 7,157 intervals. In the 7,157 intervals, the average decrease in five minute LMP was \$33.98/MWh. This implies that if the CAISO could model the constraint for this exceptional dispatch, then this resource and all other pricing nodes associated with that constraint would observe an average decrease of \$32.12/MWh

Table 9 shows the price impact analysis information for node B, which is in the SCE area. This table shows all the five minute intervals in which the resource at PNode B was issued an exceptional dispatch instruction and was eligible to set the price. Out of the 8,640 five-minute intervals in November, this resource was issued exceptional dispatch instructions in 15 five-minute intervals. This resource was eligible to set the LMP in 14 intervals. Out of the 14 intervals, resource calculated LMP was larger than the market LMP in 1 interval. In the 1 interval, the average increase in five minute LMP was \$0.69/MWh. Out of the 14 intervals, resource calculated LMP was less than the market LMP in 13 intervals. In the 13 intervals, the average decrease in five minute LMP was \$4.14/MWh. This implies that if the CAISO could model the constraint for this exceptional dispatch, then this resource and all other pricing nodes associated with that constraint would observe an average decrease of \$3.80/MWh

**Table 8: Price Impact Analysis Information for Pricing Node A in PG&E LAP**

| Number | Trade Date | Trade Hour | Interval | Market LMP | Eligible Flag | Calculated LMP | Change in LMP |
|--------|------------|------------|----------|------------|---------------|----------------|---------------|
| 1      | 11/1/2021  | 8          | 5        | 85.77      | Yes           | 20             | -65.77        |
| 2      | 11/1/2021  | 8          | 6        | 88.67      | Yes           | 20             | -68.67        |
| 3      | 11/1/2021  | 8          | 7        | 87.83      | Yes           | 20             | -67.83        |
| 4      | 11/1/2021  | 8          | 8        | 85.11      | Yes           | 20             | -65.11        |
| 5      | 11/1/2021  | 8          | 9        | 82.35      | Yes           | 20             | -62.35        |
| 6      | 11/1/2021  | 8          | 10       | 83.75      | Yes           | 20             | -63.75        |
| 7      | 11/1/2021  | 8          | 11       | 71.42      | Yes           | 20             | -51.42        |
| 8      | 11/1/2021  | 8          | 12       | 70.44      | Yes           | 20             | -50.44        |
| 9      | 11/1/2021  | 9          | 1        | 87.44      | Yes           | 20             | -67.44        |
| 10     | 11/1/2021  | 9          | 2        | 89.95      | Yes           | 20             | -69.95        |
| 11     | 11/1/2021  | 9          | 3        | 81.12      | Yes           | 20             | -61.12        |
| 12     | 11/1/2021  | 9          | 4        | 71.24      | Yes           | 20             | -51.24        |
| 13     | 11/1/2021  | 9          | 5        | 68.07      | Yes           | 20             | -48.07        |
| 14     | 11/1/2021  | 9          | 6        | 65.71      | Yes           | 20             | -45.71        |
| 15     | 11/1/2021  | 9          | 10       | 56.96      | Yes           | 20             | -36.96        |
| 16     | 11/1/2021  | 9          | 11       | 53.26      | Yes           | 20             | -33.26        |
| 17     | 11/1/2021  | 9          | 12       | 52.82      | Yes           | 20             | -32.82        |
| 18     | 11/1/2021  | 10         | 1        | 56.82      | Yes           | 20             | -36.82        |
| 19     | 11/1/2021  | 10         | 2        | 56.82      | Yes           | 20             | -36.82        |
| 20     | 11/1/2021  | 10         | 3        | 55.14      | Yes           | 20             | -35.14        |
| 21     | 11/1/2021  | 10         | 4        | 50.02      | Yes           | 20             | -30.02        |
| 22     | 11/1/2021  | 10         | 5        | 50.07      | Yes           | 20             | -30.07        |
| 23     | 11/1/2021  | 10         | 6        | 49.97      | Yes           | 20             | -29.97        |
| 24     | 11/1/2021  | 10         | 7        | 54.20      | Yes           | 20             | -34.20        |
| 25     | 11/1/2021  | 10         | 8        | 55.73      | Yes           | 20             | -35.73        |
| 26     | 11/1/2021  | 10         | 9        | 56.95      | Yes           | 20             | -36.95        |
| 27     | 11/1/2021  | 10         | 10       | 52.12      | Yes           | 20             | -32.12        |
| 28     | 11/1/2021  | 10         | 11       | 50.68      | Yes           | 20             | -30.68        |
| 29     | 11/1/2021  | 10         | 12       | 52.03      | Yes           | 20             | -32.03        |
| 30     | 11/1/2021  | 11         | 1        | 58.33      | Yes           | 20             | -38.33        |
| 31     | 11/1/2021  | 11         | 2        | 59.92      | Yes           | 20             | -39.92        |
| 32     | 11/1/2021  | 11         | 3        | 61.37      | Yes           | 20             | -41.37        |
| 33     | 11/1/2021  | 11         | 4        | 61.17      | Yes           | 20             | -41.17        |
| 34     | 11/1/2021  | 11         | 5        | 61.17      | Yes           | 20             | -41.17        |

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| Number | Trade Date | Trade Hour | Interval | Market LMP | Eligible Flag | Calculated LMP | Change in LMP |
|--------|------------|------------|----------|------------|---------------|----------------|---------------|
| 35     | 11/1/2021  | 11         | 6        | 60.67      | Yes           | 20             | -40.67        |
| 36     | 11/1/2021  | 11         | 7        | 58.36      | Yes           | 20             | -38.36        |
| 37     | 11/1/2021  | 11         | 8        | 51.65      | Yes           | 20             | -31.65        |
| 38     | 11/1/2021  | 11         | 9        | 53.23      | Yes           | 20             | -33.23        |
| 39     | 11/1/2021  | 11         | 10       | 58.82      | Yes           | 20             | -38.82        |
| 40     | 11/1/2021  | 11         | 11       | 60.08      | Yes           | 20             | -40.08        |
| 41     | 11/1/2021  | 11         | 12       | 59.74      | Yes           | 20             | -39.74        |
| 42     | 11/1/2021  | 12         | 1        | 58.22      | Yes           | 20             | -38.22        |
| 43     | 11/1/2021  | 12         | 2        | 57.78      | Yes           | 20             | -37.78        |
| 44     | 11/1/2021  | 12         | 3        | 60.10      | Yes           | 20             | -40.10        |
| 45     | 11/1/2021  | 12         | 4        | 55.27      | Yes           | 20             | -35.27        |
| 46     | 11/1/2021  | 12         | 5        | 55.13      | Yes           | 20             | -35.13        |
| 47     | 11/1/2021  | 12         | 6        | 52.99      | Yes           | 20             | -32.99        |
| 48     | 11/1/2021  | 12         | 7        | 58.99      | Yes           | 20             | -38.99        |
| 49     | 11/1/2021  | 12         | 8        | 59.15      | Yes           | 20             | -39.15        |
| 50     | 11/1/2021  | 12         | 9        | 54.58      | Yes           | 20             | -34.58        |
| 51     | 11/1/2021  | 12         | 10       | 52.56      | Yes           | 20             | -32.56        |
| 52     | 11/1/2021  | 12         | 11       | 55.05      | Yes           | 20             | -35.05        |
| 53     | 11/1/2021  | 12         | 12       | 55.78      | Yes           | 20             | -35.78        |
| 54     | 11/1/2021  | 13         | 1        | 59.42      | Yes           | 20             | -39.42        |
| 55     | 11/1/2021  | 13         | 2        | 58.04      | Yes           | 20             | -38.04        |
| 56     | 11/1/2021  | 13         | 3        | 58.17      | Yes           | 20             | -38.17        |
| 57     | 11/1/2021  | 13         | 4        | 57.68      | Yes           | 20             | -37.68        |
| 58     | 11/1/2021  | 13         | 5        | 56.21      | Yes           | 20             | -36.21        |
| 59     | 11/1/2021  | 13         | 6        | 52.97      | Yes           | 20             | -32.97        |
| 60     | 11/1/2021  | 13         | 7        | 55.05      | Yes           | 20             | -35.05        |
| 61     | 11/1/2021  | 13         | 8        | 55.58      | Yes           | 20             | -35.58        |
| 62     | 11/1/2021  | 13         | 9        | 57.21      | Yes           | 20             | -37.21        |
| 63     | 11/1/2021  | 13         | 10       | 58.33      | Yes           | 20             | -38.33        |
| 64     | 11/1/2021  | 13         | 11       | 55.33      | Yes           | 20             | -35.33        |
| 65     | 11/1/2021  | 13         | 12       | 53.33      | Yes           | 20             | -33.33        |
| 66     | 11/1/2021  | 14         | 1        | 53.44      | Yes           | 20             | -33.44        |
| 67     | 11/1/2021  | 14         | 2        | 55.40      | Yes           | 20             | -35.40        |
| 68     | 11/1/2021  | 14         | 3        | 57.33      | Yes           | 20             | -37.33        |
| 69     | 11/1/2021  | 14         | 4        | 57.79      | Yes           | 20             | -37.79        |
| 70     | 11/1/2021  | 14         | 5        | 53.61      | Yes           | 20             | -33.61        |
| 71     | 11/1/2021  | 14         | 6        | 59.23      | Yes           | 20             | -39.23        |
| 72     | 11/1/2021  | 14         | 7        | 67.68      | Yes           | 20             | -47.68        |

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|--------|------------|------------|----------|------------|---------------|----------------|---------------|
| 73     | 11/1/2021  | 14         | 8        | 63.87      | Yes           | 20             | -43.87        |
| 74     | 11/1/2021  | 14         | 9        | 72.03      | Yes           | 20             | -52.03        |
| 75     | 11/1/2021  | 14         | 10       | 72.92      | Yes           | 20             | -52.92        |
| 76     | 11/1/2021  | 14         | 11       | 74.06      | Yes           | 20             | -54.06        |
| 77     | 11/1/2021  | 14         | 12       | 95.30      | Yes           | 20             | -75.30        |
| 78     | 11/1/2021  | 15         | 1        | 72.26      | Yes           | 20             | -52.26        |
| 79     | 11/1/2021  | 15         | 2        | 93.37      | Yes           | 20             | -73.37        |
| 80     | 11/1/2021  | 15         | 3        | 103.88     | Yes           | 20             | -83.88        |
| 81     | 11/1/2021  | 15         | 4        | 90.06      | Yes           | 20             | -70.06        |
| 82     | 11/1/2021  | 15         | 5        | 84.42      | Yes           | 20             | -64.42        |
| 83     | 11/1/2021  | 15         | 6        | 84.37      | Yes           | 20             | -64.37        |
| 84     | 11/1/2021  | 15         | 7        | 74.81      | Yes           | 20             | -54.81        |
| 85     | 11/1/2021  | 15         | 8        | 81.90      | Yes           | 20             | -61.90        |
| 86     | 11/1/2021  | 15         | 9        | 69.98      | Yes           | 20             | -49.98        |
| 87     | 11/1/2021  | 15         | 10       | 68.13      | Yes           | 20             | -48.13        |
| 88     | 11/1/2021  | 15         | 11       | 70.85      | Yes           | 20             | -50.85        |
| 89     | 11/1/2021  | 15         | 12       | 68.13      | Yes           | 20             | -48.13        |
| 90     | 11/1/2021  | 16         | 1        | 70.06      | Yes           | 20             | -50.06        |
| 91     | 11/1/2021  | 16         | 2        | 66.43      | Yes           | 20             | -46.43        |
| 92     | 11/1/2021  | 16         | 3        | 72.05      | Yes           | 20             | -52.05        |
| 93     | 11/1/2021  | 16         | 4        | 72.05      | Yes           | 20             | -52.05        |
| 94     | 11/1/2021  | 16         | 5        | 72.05      | Yes           | 20             | -52.05        |
| 95     | 11/1/2021  | 16         | 6        | 60.17      | Yes           | 20             | -40.17        |
| 96     | 11/1/2021  | 16         | 7        | 54.98      | Yes           | 20             | -34.98        |
| 97     | 11/1/2021  | 16         | 8        | 52.45      | Yes           | 20             | -32.45        |
| 98     | 11/1/2021  | 16         | 9        | 52.02      | Yes           | 20             | -32.02        |
| 99     | 11/1/2021  | 16         | 10       | 62.16      | Yes           | 20             | -42.16        |
| 100    | 11/1/2021  | 16         | 11       | 67.00      | Yes           | 20             | -47.00        |
| 101    | 11/1/2021  | 16         | 12       | 66.09      | Yes           | 20             | -46.09        |
| 102    | 11/1/2021  | 17         | 1        | 47.27      | Yes           | 20             | -27.27        |
| 103    | 11/1/2021  | 17         | 2        | 52.01      | Yes           | 20             | -32.01        |
| 104    | 11/1/2021  | 17         | 3        | 51.16      | Yes           | 20             | -31.16        |
| 105    | 11/1/2021  | 17         | 4        | 50.91      | Yes           | 20             | -30.91        |
| 106    | 11/1/2021  | 17         | 5        | 52.43      | Yes           | 20             | -32.43        |
| 107    | 11/1/2021  | 17         | 6        | 51.84      | Yes           | 20             | -31.84        |
| 108    | 11/1/2021  | 17         | 7        | 52.81      | Yes           | 20             | -32.81        |
| 109    | 11/1/2021  | 17         | 8        | 51.24      | Yes           | 20             | -31.24        |
| 110    | 11/1/2021  | 17         | 9        | 51.24      | Yes           | 20             | -31.24        |



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|--------|------------|------------|----------|------------|---------------|----------------|---------------|
| 111    | 11/1/2021  | 17         | 10       | 54.43      | Yes           | 20             | -34.43        |
| 112    | 11/1/2021  | 17         | 11       | 58.15      | Yes           | 20             | -38.15        |
| 113    | 11/1/2021  | 17         | 12       | 58.27      | Yes           | 20             | -38.27        |
| 114    | 11/1/2021  | 18         | 1        | 48.72      | Yes           | 20             | -28.72        |
| 115    | 11/1/2021  | 18         | 2        | 47.88      | Yes           | 20             | -27.88        |
| 116    | 11/1/2021  | 18         | 3        | 46.92      | Yes           | 20             | -26.92        |
| 117    | 11/1/2021  | 18         | 4        | 46.79      | Yes           | 20             | -26.79        |
| 118    | 11/1/2021  | 18         | 5        | 49.19      | Yes           | 20             | -29.19        |
| 119    | 11/1/2021  | 18         | 6        | 51.85      | Yes           | 20             | -31.85        |
| 120    | 11/1/2021  | 18         | 7        | 52.42      | Yes           | 20             | -32.42        |
| 121    | 11/1/2021  | 18         | 8        | 56.91      | Yes           | 20             | -36.91        |
| 122    | 11/1/2021  | 18         | 9        | 57.51      | Yes           | 20             | -37.51        |
| 123    | 11/1/2021  | 18         | 10       | 60.74      | Yes           | 20             | -40.74        |
| 124    | 11/1/2021  | 18         | 11       | 65.91      | Yes           | 20             | -45.91        |
| 125    | 11/1/2021  | 18         | 12       | 65.91      | Yes           | 20             | -45.91        |
| 126    | 11/1/2021  | 22         | 4        | 75.40      | Yes           | 20             | -55.40        |
| 127    | 11/1/2021  | 22         | 5        | 75.40      | Yes           | 20             | -55.40        |
| 128    | 11/1/2021  | 22         | 6        | 70.77      | Yes           | 20             | -50.77        |
| 129    | 11/1/2021  | 22         | 7        | 70.17      | Yes           | 20             | -50.17        |
| 130    | 11/1/2021  | 22         | 8        | 68.60      | Yes           | 20             | -48.60        |
| 131    | 11/1/2021  | 22         | 9        | 68.32      | Yes           | 20             | -48.32        |
| 132    | 11/1/2021  | 22         | 10       | 65.28      | Yes           | 20             | -45.28        |
| 133    | 11/1/2021  | 22         | 11       | 65.47      | Yes           | 20             | -45.47        |
| 134    | 11/1/2021  | 22         | 12       | 68.04      | Yes           | 20             | -48.04        |
| 135    | 11/1/2021  | 23         | 1        | 77.37      | Yes           | 20             | -57.37        |
| 136    | 11/1/2021  | 23         | 2        | 79.87      | Yes           | 20             | -59.87        |
| 137    | 11/1/2021  | 23         | 3        | 77.37      | Yes           | 20             | -57.37        |
| 138    | 11/1/2021  | 23         | 4        | 78.24      | Yes           | 20             | -58.24        |
| 139    | 11/1/2021  | 23         | 5        | 73.86      | Yes           | 20             | -53.86        |
| 140    | 11/1/2021  | 23         | 6        | 73.15      | Yes           | 20             | -53.15        |
| 141    | 11/1/2021  | 23         | 7        | 71.31      | Yes           | 20             | -51.31        |
| 142    | 11/1/2021  | 23         | 8        | 69.88      | Yes           | 20             | -49.88        |
| 143    | 11/1/2021  | 23         | 9        | 67.96      | Yes           | 20             | -47.96        |
| 144    | 11/1/2021  | 23         | 10       | 61.77      | Yes           | 20             | -41.77        |
| 145    | 11/1/2021  | 23         | 11       | 62.83      | Yes           | 20             | -42.83        |
| 146    | 11/1/2021  | 23         | 12       | 67.50      | Yes           | 20             | -47.50        |
| 147    | 11/1/2021  | 24         | 1        | 70.85      | Yes           | 20             | -50.85        |
| 148    | 11/1/2021  | 24         | 2        | 73.95      | Yes           | 20             | -53.95        |

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|--------|------------|------------|----------|------------|---------------|----------------|---------------|
| 149    | 11/1/2021  | 24         | 3        | 74.95      | Yes           | 20             | -54.95        |
| 150    | 11/1/2021  | 24         | 4        | 73.59      | Yes           | 20             | -53.59        |
| 151    | 11/1/2021  | 24         | 5        | 64.73      | Yes           | 20             | -44.73        |
| 152    | 11/1/2021  | 24         | 6        | 63.00      | Yes           | 20             | -43.00        |
| 153    | 11/1/2021  | 24         | 7        | 60.15      | Yes           | 20             | -40.15        |
| 154    | 11/1/2021  | 24         | 8        | 59.80      | Yes           | 20             | -39.80        |
| 155    | 11/1/2021  | 24         | 9        | 59.13      | Yes           | 20             | -39.13        |
| 156    | 11/1/2021  | 24         | 10       | 58.79      | Yes           | 20             | -38.79        |
| 157    | 11/1/2021  | 24         | 11       | 59.32      | Yes           | 20             | -39.32        |
| 158    | 11/1/2021  | 24         | 12       | 59.08      | Yes           | 20             | -39.08        |
| 159    | 11/2/2021  | 1          | 1        | 60.73      | Yes           | 20.38          | -40.35        |
| 160    | 11/2/2021  | 1          | 2        | 60.38      | Yes           | 20.38          | -40.00        |
| 161    | 11/2/2021  | 1          | 3        | 60.26      | Yes           | 20.38          | -39.88        |
| 162    | 11/2/2021  | 1          | 4        | 58.39      | Yes           | 20.38          | -38.01        |
| 163    | 11/2/2021  | 1          | 5        | 57.01      | Yes           | 20.38          | -36.63        |
| 164    | 11/2/2021  | 1          | 6        | 56.53      | Yes           | 20.38          | -36.15        |
| 165    | 11/2/2021  | 1          | 7        | 53.18      | Yes           | 20.38          | -32.80        |
| 166    | 11/2/2021  | 1          | 8        | 52.22      | Yes           | 20.38          | -31.84        |
| 167    | 11/2/2021  | 1          | 9        | 52.21      | Yes           | 20.38          | -31.83        |
| 168    | 11/2/2021  | 6          | 11       | 63.15      | Yes           | 20.38          | -42.77        |
| 169    | 11/2/2021  | 6          | 12       | 61.27      | Yes           | 20.38          | -40.89        |
| 170    | 11/2/2021  | 7          | 1        | 58.85      | Yes           | 20.38          | -38.47        |
| 171    | 11/2/2021  | 7          | 2        | 58.92      | Yes           | 20.38          | -38.54        |
| 172    | 11/2/2021  | 7          | 3        | 60.15      | Yes           | 20.38          | -39.77        |
| 173    | 11/2/2021  | 7          | 4        | 56.18      | Yes           | 20.38          | -35.80        |
| 174    | 11/2/2021  | 7          | 5        | 56.95      | Yes           | 20.38          | -36.57        |
| 175    | 11/2/2021  | 7          | 6        | 58.93      | Yes           | 20.38          | -38.55        |
| 176    | 11/2/2021  | 7          | 7        | 59.08      | Yes           | 20.38          | -38.70        |
| 177    | 11/2/2021  | 7          | 8        | 58.84      | Yes           | 20.38          | -38.46        |
| 178    | 11/2/2021  | 7          | 9        | 59.95      | Yes           | 20.38          | -39.57        |
| 179    | 11/2/2021  | 7          | 10       | 60.16      | Yes           | 20.38          | -39.78        |
| 180    | 11/2/2021  | 7          | 11       | 65.52      | Yes           | 20.38          | -45.14        |
| 181    | 11/2/2021  | 7          | 12       | 66.50      | Yes           | 20.38          | -46.12        |
| 182    | 11/2/2021  | 15         | 4        | 35.66      | Yes           | 20.38          | -15.28        |
| 183    | 11/2/2021  | 15         | 5        | 37.24      | Yes           | 20.38          | -16.86        |
| 184    | 11/2/2021  | 15         | 6        | 37.97      | Yes           | 20.38          | -17.59        |
| 185    | 11/2/2021  | 15         | 7        | 38.39      | Yes           | 20.38          | -18.01        |
| 186    | 11/2/2021  | 15         | 8        | 38.26      | Yes           | 20.38          | -17.88        |

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| 187    | 11/2/2021  | 15         | 9        | 37.84      | Yes           | 20.38          | -17.46        |
| 188    | 11/2/2021  | 15         | 10       | 36.35      | Yes           | 20.38          | -15.97        |
| 189    | 11/2/2021  | 15         | 11       | 36.66      | Yes           | 20.38          | -16.28        |
| 190    | 11/2/2021  | 15         | 12       | 35.72      | Yes           | 20.38          | -15.34        |
| 191    | 11/2/2021  | 16         | 1        | 36.10      | Yes           | 20.38          | -15.72        |
| 192    | 11/2/2021  | 16         | 2        | 33.21      | Yes           | 20.38          | -12.83        |
| 193    | 11/2/2021  | 16         | 3        | 33.18      | Yes           | 20.38          | -12.80        |
| 194    | 11/2/2021  | 16         | 4        | 33.53      | Yes           | 20.38          | -13.15        |
| 195    | 11/2/2021  | 16         | 5        | 32.43      | Yes           | 20.38          | -12.05        |
| 196    | 11/2/2021  | 16         | 6        | 33.53      | Yes           | 20.38          | -13.15        |
| 197    | 11/2/2021  | 16         | 7        | 32.16      | Yes           | 20.38          | -11.78        |
| 198    | 11/2/2021  | 16         | 8        | 38.38      | Yes           | 20.38          | -18.00        |
| 199    | 11/2/2021  | 16         | 9        | 37.52      | Yes           | 20.38          | -17.14        |
| 200    | 11/2/2021  | 16         | 10       | 39.40      | Yes           | 20.38          | -19.02        |
| 201    | 11/2/2021  | 16         | 11       | 38.88      | Yes           | 20.38          | -18.50        |
| 202    | 11/2/2021  | 16         | 12       | 37.70      | Yes           | 20.38          | -17.32        |
| 203    | 11/2/2021  | 17         | 1        | 32.91      | Yes           | 20.38          | -12.53        |
| 204    | 11/2/2021  | 17         | 2        | 33.03      | Yes           | 20.38          | -12.65        |
| 205    | 11/2/2021  | 17         | 3        | 37.02      | Yes           | 20.38          | -16.64        |
| 206    | 11/2/2021  | 17         | 4        | 39.10      | Yes           | 20.38          | -18.72        |
| 207    | 11/2/2021  | 17         | 5        | 40.72      | Yes           | 20.38          | -20.34        |
| 208    | 11/2/2021  | 17         | 6        | 42.75      | Yes           | 20.38          | -22.37        |
| 209    | 11/2/2021  | 17         | 7        | 47.45      | Yes           | 20.38          | -27.07        |
| 210    | 11/2/2021  | 17         | 8        | 52.21      | Yes           | 20.38          | -31.83        |
| 211    | 11/2/2021  | 17         | 9        | 52.84      | Yes           | 20.38          | -32.46        |
| 212    | 11/2/2021  | 17         | 10       | 53.13      | Yes           | 20.38          | -32.75        |
| 213    | 11/2/2021  | 17         | 11       | 58.34      | Yes           | 20.38          | -37.96        |
| 214    | 11/2/2021  | 17         | 12       | 60.14      | Yes           | 20.38          | -39.76        |
| 215    | 11/2/2021  | 18         | 1        | 47.10      | Yes           | 20.38          | -26.72        |
| 216    | 11/2/2021  | 18         | 2        | 50.79      | Yes           | 20.38          | -30.41        |
| 217    | 11/2/2021  | 18         | 3        | 51.53      | Yes           | 20.38          | -31.15        |
| 218    | 11/2/2021  | 18         | 4        | 53.68      | Yes           | 20.38          | -33.30        |
| 219    | 11/2/2021  | 18         | 5        | 56.67      | Yes           | 20.38          | -36.29        |
| 220    | 11/2/2021  | 18         | 6        | 64.70      | Yes           | 20.38          | -44.32        |
| 221    | 11/2/2021  | 18         | 7        | 64.84      | Yes           | 20.38          | -44.46        |
| 222    | 11/2/2021  | 18         | 8        | 67.11      | Yes           | 20.38          | -46.73        |
| 223    | 11/2/2021  | 18         | 9        | 72.37      | Yes           | 20.38          | -51.99        |
| 224    | 11/2/2021  | 18         | 10       | 73.36      | Yes           | 20.38          | -52.98        |

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| 225    | 11/2/2021  | 18         | 11       | 87.16      | Yes           | 20.38          | -66.78        |
| 226    | 11/2/2021  | 18         | 12       | 80.76      | Yes           | 20.38          | -60.38        |
| 227    | 11/2/2021  | 19         | 1        | 61.89      | Yes           | 20.38          | -41.51        |
| 228    | 11/2/2021  | 19         | 2        | 61.82      | Yes           | 20.38          | -41.44        |
| 229    | 11/2/2021  | 19         | 3        | 61.80      | Yes           | 20.38          | -41.42        |
| 230    | 11/2/2021  | 19         | 4        | 65.26      | Yes           | 20.38          | -44.88        |
| 231    | 11/2/2021  | 19         | 5        | 66.99      | Yes           | 20.38          | -46.61        |
| 232    | 11/2/2021  | 19         | 6        | 68.32      | Yes           | 20.38          | -47.94        |
| 233    | 11/2/2021  | 19         | 7        | 69.37      | Yes           | 20.38          | -48.99        |
| 234    | 11/2/2021  | 19         | 8        | 67.32      | Yes           | 20.38          | -46.94        |
| 235    | 11/2/2021  | 19         | 9        | 67.85      | Yes           | 20.38          | -47.47        |
| 236    | 11/2/2021  | 19         | 10       | 65.45      | Yes           | 20.38          | -45.07        |
| 237    | 11/2/2021  | 19         | 11       | 64.64      | Yes           | 20.38          | -44.26        |
| 238    | 11/2/2021  | 19         | 12       | 62.98      | Yes           | 20.38          | -42.60        |
| 239    | 11/2/2021  | 20         | 1        | 67.29      | Yes           | 20.38          | -46.91        |
| 240    | 11/2/2021  | 20         | 2        | 66.82      | Yes           | 20.38          | -46.44        |
| 241    | 11/2/2021  | 20         | 3        | 65.66      | Yes           | 20.38          | -45.28        |
| 242    | 11/2/2021  | 20         | 4        | 64.68      | Yes           | 20.38          | -44.30        |
| 243    | 11/2/2021  | 20         | 5        | 65.73      | Yes           | 20.38          | -45.35        |
| 244    | 11/2/2021  | 20         | 6        | 66.78      | Yes           | 20.38          | -46.40        |
| 245    | 11/2/2021  | 20         | 7        | 66.99      | Yes           | 20.38          | -46.61        |
| 246    | 11/2/2021  | 20         | 8        | 64.57      | Yes           | 20.38          | -44.19        |
| 247    | 11/2/2021  | 20         | 9        | 66.99      | Yes           | 20.38          | -46.61        |
| 248    | 11/2/2021  | 20         | 10       | 69.55      | Yes           | 20.38          | -49.17        |
| 249    | 11/2/2021  | 20         | 11       | 68.09      | Yes           | 20.38          | -47.71        |
| 250    | 11/2/2021  | 20         | 12       | 69.82      | Yes           | 20.38          | -49.44        |
| 251    | 11/2/2021  | 21         | 1        | 70.66      | Yes           | 20.38          | -50.28        |
| 252    | 11/2/2021  | 21         | 2        | 70.91      | Yes           | 20.38          | -50.53        |
| 253    | 11/2/2021  | 21         | 3        | 75.49      | Yes           | 20.38          | -55.11        |
| 254    | 11/2/2021  | 21         | 4        | 73.12      | Yes           | 20.38          | -52.74        |
| 255    | 11/2/2021  | 21         | 5        | 75.48      | Yes           | 20.38          | -55.10        |
| 256    | 11/2/2021  | 21         | 6        | 75.48      | Yes           | 20.38          | -55.10        |
| 257    | 11/2/2021  | 21         | 7        | 76.09      | Yes           | 20.38          | -55.71        |
| 258    | 11/2/2021  | 21         | 8        | 76.09      | Yes           | 20.38          | -55.71        |
| 259    | 11/2/2021  | 21         | 9        | 74.33      | Yes           | 20.38          | -53.95        |
| 260    | 11/2/2021  | 21         | 10       | 75.64      | Yes           | 20.38          | -55.26        |
| 261    | 11/2/2021  | 21         | 11       | 76.31      | Yes           | 20.38          | -55.93        |
| 262    | 11/2/2021  | 21         | 12       | 75.75      | Yes           | 20.38          | -55.37        |

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| 263    | 11/2/2021  | 22         | 1        | 79.19      | Yes           | 20.38          | -58.81        |
| 264    | 11/2/2021  | 22         | 2        | 76.19      | Yes           | 20.38          | -55.81        |
| 265    | 11/2/2021  | 22         | 3        | 70.71      | Yes           | 20.38          | -50.33        |
| 266    | 11/2/2021  | 22         | 4        | 65.78      | Yes           | 20.38          | -45.40        |
| 267    | 11/2/2021  | 22         | 5        | 66.20      | Yes           | 20.38          | -45.82        |
| 268    | 11/2/2021  | 22         | 6        | 66.37      | Yes           | 20.38          | -45.99        |
| 269    | 11/2/2021  | 22         | 7        | 73.64      | Yes           | 20.38          | -53.26        |
| 270    | 11/2/2021  | 22         | 8        | 70.23      | Yes           | 20.38          | -49.85        |
| 271    | 11/2/2021  | 22         | 9        | 71.17      | Yes           | 20.38          | -50.79        |
| 272    | 11/2/2021  | 22         | 10       | 67.50      | Yes           | 20.38          | -47.12        |
| 273    | 11/2/2021  | 22         | 11       | 69.04      | Yes           | 20.38          | -48.66        |
| 274    | 11/2/2021  | 22         | 12       | 69.71      | Yes           | 20.38          | -49.33        |
| 275    | 11/2/2021  | 23         | 1        | 83.54      | Yes           | 20.38          | -63.16        |
| 276    | 11/2/2021  | 23         | 2        | 83.95      | Yes           | 20.38          | -63.57        |
| 277    | 11/2/2021  | 23         | 3        | 80.62      | Yes           | 20.38          | -60.24        |
| 278    | 11/2/2021  | 23         | 4        | 79.51      | Yes           | 20.38          | -59.13        |
| 279    | 11/2/2021  | 23         | 5        | 76.58      | Yes           | 20.38          | -56.20        |
| 280    | 11/2/2021  | 23         | 6        | 70.80      | Yes           | 20.38          | -50.42        |
| 281    | 11/2/2021  | 23         | 7        | 63.69      | Yes           | 20.38          | -43.31        |
| 282    | 11/2/2021  | 23         | 8        | 59.40      | Yes           | 20.38          | -39.02        |
| 283    | 11/2/2021  | 23         | 9        | 56.80      | Yes           | 20.38          | -36.42        |
| 284    | 11/2/2021  | 23         | 10       | 56.07      | Yes           | 20.38          | -35.69        |
| 285    | 11/2/2021  | 23         | 11       | 56.15      | Yes           | 20.38          | -35.77        |
| 286    | 11/2/2021  | 23         | 12       | 56.99      | Yes           | 20.38          | -36.61        |
| 287    | 11/2/2021  | 24         | 1        | 72.36      | Yes           | 20.38          | -51.98        |
| 288    | 11/2/2021  | 24         | 2        | 75.31      | Yes           | 20.38          | -54.93        |
| 289    | 11/2/2021  | 24         | 3        | 69.00      | Yes           | 20.38          | -48.62        |
| 290    | 11/2/2021  | 24         | 4        | 75.87      | Yes           | 20.38          | -55.49        |
| 291    | 11/2/2021  | 24         | 5        | 75.24      | Yes           | 20.38          | -54.86        |
| 292    | 11/2/2021  | 24         | 6        | 70.33      | Yes           | 20.38          | -49.95        |
| 293    | 11/2/2021  | 24         | 7        | 68.65      | Yes           | 20.38          | -48.27        |
| 294    | 11/2/2021  | 24         | 8        | 67.00      | Yes           | 20.38          | -46.62        |
| 295    | 11/2/2021  | 24         | 9        | 63.30      | Yes           | 20.38          | -42.92        |
| 296    | 11/2/2021  | 24         | 10       | 62.96      | Yes           | 20.38          | -42.58        |
| 297    | 11/2/2021  | 24         | 11       | 61.30      | Yes           | 20.38          | -40.92        |
| 298    | 11/2/2021  | 24         | 12       | 58.82      | Yes           | 20.38          | -38.44        |
| 299    | 11/3/2021  | 1          | 1        | 56.71      | Yes           | 20.7           | -36.01        |
| 300    | 11/3/2021  | 1          | 2        | 58.44      | Yes           | 20.7           | -37.74        |

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| 301    | 11/3/2021  | 1          | 3        | 59.56      | Yes           | 20.7           | -38.86        |
| 302    | 11/3/2021  | 1          | 4        | 58.86      | Yes           | 20.7           | -38.16        |
| 303    | 11/3/2021  | 1          | 5        | 58.50      | Yes           | 20.7           | -37.80        |
| 304    | 11/3/2021  | 1          | 6        | 57.89      | Yes           | 20.7           | -37.19        |
| 305    | 11/3/2021  | 1          | 7        | 57.26      | Yes           | 20.7           | -36.56        |
| 306    | 11/3/2021  | 1          | 8        | 56.08      | Yes           | 20.7           | -35.38        |
| 307    | 11/3/2021  | 1          | 9        | 56.08      | Yes           | 20.7           | -35.38        |
| 308    | 11/3/2021  | 1          | 10       | 56.02      | Yes           | 20.7           | -35.32        |
| 309    | 11/3/2021  | 1          | 11       | 55.67      | Yes           | 20.7           | -34.97        |
| 310    | 11/3/2021  | 1          | 12       | 56.58      | Yes           | 20.7           | -35.88        |
| 311    | 11/3/2021  | 2          | 1        | 57.23      | Yes           | 20.7           | -36.53        |
| 312    | 11/3/2021  | 2          | 2        | 58.40      | Yes           | 20.7           | -37.70        |
| 313    | 11/3/2021  | 2          | 3        | 58.14      | Yes           | 20.7           | -37.44        |
| 314    | 11/3/2021  | 2          | 4        | 57.74      | Yes           | 20.7           | -37.04        |
| 315    | 11/3/2021  | 2          | 5        | 56.94      | Yes           | 20.7           | -36.24        |
| 316    | 11/3/2021  | 2          | 6        | 55.75      | Yes           | 20.7           | -35.05        |
| 317    | 11/3/2021  | 2          | 7        | 56.15      | Yes           | 20.7           | -35.45        |
| 318    | 11/3/2021  | 2          | 8        | 54.12      | Yes           | 20.7           | -33.42        |
| 319    | 11/3/2021  | 2          | 9        | 54.03      | Yes           | 20.7           | -33.33        |
| 320    | 11/3/2021  | 2          | 10       | 53.30      | Yes           | 20.7           | -32.60        |
| 321    | 11/3/2021  | 2          | 11       | 53.00      | Yes           | 20.7           | -32.30        |
| 322    | 11/3/2021  | 2          | 12       | 53.00      | Yes           | 20.7           | -32.30        |
| 323    | 11/3/2021  | 3          | 1        | 53.59      | Yes           | 20.7           | -32.89        |
| 324    | 11/3/2021  | 3          | 2        | 53.65      | Yes           | 20.7           | -32.95        |
| 325    | 11/3/2021  | 3          | 3        | 53.65      | Yes           | 20.7           | -32.95        |
| 326    | 11/3/2021  | 3          | 4        | 54.03      | Yes           | 20.7           | -33.33        |
| 327    | 11/3/2021  | 3          | 5        | 53.30      | Yes           | 20.7           | -32.60        |
| 328    | 11/3/2021  | 3          | 6        | 53.03      | Yes           | 20.7           | -32.33        |
| 329    | 11/3/2021  | 3          | 7        | 52.85      | Yes           | 20.7           | -32.15        |
| 330    | 11/3/2021  | 3          | 8        | 53.00      | Yes           | 20.7           | -32.30        |
| 331    | 11/3/2021  | 3          | 9        | 52.89      | Yes           | 20.7           | -32.19        |
| 332    | 11/3/2021  | 3          | 10       | 51.74      | Yes           | 20.7           | -31.04        |
| 333    | 11/3/2021  | 3          | 11       | 51.70      | Yes           | 20.7           | -31.00        |
| 334    | 11/3/2021  | 3          | 12       | 51.36      | Yes           | 20.7           | -30.66        |
| 335    | 11/3/2021  | 4          | 1        | 52.43      | Yes           | 20.7           | -31.73        |
| 336    | 11/3/2021  | 4          | 2        | 52.42      | Yes           | 20.7           | -31.72        |
| 337    | 11/3/2021  | 4          | 3        | 51.74      | Yes           | 20.7           | -31.04        |
| 338    | 11/3/2021  | 4          | 4        | 51.57      | Yes           | 20.7           | -30.87        |

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| 339    | 11/3/2021  | 4          | 5        | 51.57      | Yes           | 20.7           | -30.87        |
| 340    | 11/3/2021  | 4          | 6        | 51.57      | Yes           | 20.7           | -30.87        |
| 341    | 11/3/2021  | 4          | 7        | 51.57      | Yes           | 20.7           | -30.87        |
| 342    | 11/3/2021  | 4          | 8        | 51.57      | Yes           | 20.7           | -30.87        |
| 343    | 11/3/2021  | 4          | 9        | 51.57      | Yes           | 20.7           | -30.87        |
| 344    | 11/3/2021  | 4          | 10       | 51.74      | Yes           | 20.7           | -31.04        |
| 345    | 11/3/2021  | 4          | 11       | 51.74      | Yes           | 20.7           | -31.04        |
| 346    | 11/3/2021  | 4          | 12       | 52.43      | Yes           | 20.7           | -31.73        |
| 347    | 11/3/2021  | 5          | 1        | 51.74      | Yes           | 20.7           | -31.04        |
| 348    | 11/3/2021  | 5          | 2        | 51.74      | Yes           | 20.7           | -31.04        |
| 349    | 11/3/2021  | 5          | 3        | 51.88      | Yes           | 20.7           | -31.18        |
| 350    | 11/3/2021  | 5          | 4        | 52.16      | Yes           | 20.7           | -31.46        |
| 351    | 11/3/2021  | 5          | 5        | 52.18      | Yes           | 20.7           | -31.48        |
| 352    | 11/3/2021  | 5          | 6        | 52.60      | Yes           | 20.7           | -31.90        |
| 353    | 11/3/2021  | 5          | 7        | 53.49      | Yes           | 20.7           | -32.79        |
| 354    | 11/3/2021  | 5          | 8        | 53.69      | Yes           | 20.7           | -32.99        |
| 355    | 11/3/2021  | 5          | 9        | 54.38      | Yes           | 20.7           | -33.68        |
| 356    | 11/3/2021  | 5          | 10       | 55.82      | Yes           | 20.7           | -35.12        |
| 357    | 11/3/2021  | 5          | 11       | 55.82      | Yes           | 20.7           | -35.12        |
| 358    | 11/3/2021  | 5          | 12       | 56.26      | Yes           | 20.7           | -35.56        |
| 359    | 11/3/2021  | 6          | 1        | 56.12      | Yes           | 20.7           | -35.42        |
| 360    | 11/3/2021  | 6          | 2        | 58.31      | Yes           | 20.7           | -37.61        |
| 361    | 11/3/2021  | 6          | 3        | 59.61      | Yes           | 20.7           | -38.91        |
| 362    | 11/3/2021  | 6          | 4        | 62.52      | Yes           | 20.7           | -41.82        |
| 363    | 11/3/2021  | 6          | 5        | 66.23      | Yes           | 20.7           | -45.53        |
| 364    | 11/3/2021  | 6          | 6        | 66.74      | Yes           | 20.7           | -46.04        |
| 365    | 11/3/2021  | 6          | 7        | 60.71      | Yes           | 20.7           | -40.01        |
| 366    | 11/3/2021  | 6          | 8        | 62.91      | Yes           | 20.7           | -42.21        |
| 367    | 11/3/2021  | 6          | 9        | 63.72      | Yes           | 20.7           | -43.02        |
| 368    | 11/3/2021  | 6          | 10       | 66.60      | Yes           | 20.7           | -45.90        |
| 369    | 11/3/2021  | 6          | 11       | 64.86      | Yes           | 20.7           | -44.16        |
| 370    | 11/3/2021  | 6          | 12       | 63.03      | Yes           | 20.7           | -42.33        |
| 371    | 11/3/2021  | 7          | 1        | 58.31      | Yes           | 20.7           | -37.61        |
| 372    | 11/3/2021  | 7          | 2        | 59.01      | Yes           | 20.7           | -38.31        |
| 373    | 11/3/2021  | 7          | 3        | 60.45      | Yes           | 20.7           | -39.75        |
| 374    | 11/3/2021  | 7          | 4        | 62.91      | Yes           | 20.7           | -42.21        |
| 375    | 11/3/2021  | 7          | 5        | 63.63      | Yes           | 20.7           | -42.93        |
| 376    | 11/3/2021  | 7          | 6        | 65.42      | Yes           | 20.7           | -44.72        |

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| 377    | 11/3/2021  | 7          | 7        | 66.73      | Yes           | 20.7           | -46.03        |
| 378    | 11/3/2021  | 7          | 8        | 68.98      | Yes           | 20.7           | -48.28        |
| 379    | 11/3/2021  | 7          | 9        | 74.89      | Yes           | 20.7           | -54.19        |
| 380    | 11/3/2021  | 7          | 10       | 77.21      | Yes           | 20.7           | -56.51        |
| 381    | 11/3/2021  | 7          | 11       | 83.04      | Yes           | 20.7           | -62.34        |
| 382    | 11/3/2021  | 7          | 12       | 82.14      | Yes           | 20.7           | -61.44        |
| 383    | 11/3/2021  | 8          | 1        | 78.69      | Yes           | 20.7           | -57.99        |
| 384    | 11/3/2021  | 8          | 2        | 84.11      | Yes           | 20.7           | -63.41        |
| 385    | 11/3/2021  | 8          | 3        | 83.61      | Yes           | 20.7           | -62.91        |
| 386    | 11/3/2021  | 8          | 4        | 74.61      | Yes           | 20.7           | -53.91        |
| 387    | 11/3/2021  | 8          | 5        | 68.73      | Yes           | 20.7           | -48.03        |
| 388    | 11/3/2021  | 8          | 6        | 64.25      | Yes           | 20.7           | -43.55        |
| 389    | 11/3/2021  | 8          | 7        | 76.11      | Yes           | 20.7           | -55.41        |
| 390    | 11/3/2021  | 8          | 8        | 70.43      | Yes           | 20.7           | -49.73        |
| 391    | 11/3/2021  | 8          | 9        | 66.24      | Yes           | 20.7           | -45.54        |
| 392    | 11/3/2021  | 8          | 10       | 58.10      | Yes           | 20.7           | -37.40        |
| 393    | 11/3/2021  | 8          | 11       | 56.89      | Yes           | 20.7           | -36.19        |
| 394    | 11/3/2021  | 8          | 12       | 56.89      | Yes           | 20.7           | -36.19        |
| 395    | 11/3/2021  | 9          | 1        | 75.58      | Yes           | 20.7           | -54.88        |
| 396    | 11/3/2021  | 9          | 2        | 69.81      | Yes           | 20.7           | -49.11        |
| 397    | 11/3/2021  | 9          | 3        | 63.22      | Yes           | 20.7           | -42.52        |
| 398    | 11/3/2021  | 9          | 4        | 62.42      | Yes           | 20.7           | -41.72        |
| 399    | 11/3/2021  | 9          | 5        | 58.76      | Yes           | 20.7           | -38.06        |
| 400    | 11/3/2021  | 9          | 6        | 55.41      | Yes           | 20.7           | -34.71        |
| 401    | 11/3/2021  | 9          | 7        | 56.49      | Yes           | 20.7           | -35.79        |
| 402    | 11/3/2021  | 9          | 8        | 54.72      | Yes           | 20.7           | -34.02        |
| 403    | 11/3/2021  | 9          | 9        | 53.90      | Yes           | 20.7           | -33.20        |
| 404    | 11/3/2021  | 9          | 10       | 52.29      | Yes           | 20.7           | -31.59        |
| 405    | 11/3/2021  | 9          | 11       | 50.92      | Yes           | 20.7           | -30.22        |
| 406    | 11/3/2021  | 9          | 12       | 50.25      | Yes           | 20.7           | -29.55        |
| 407    | 11/3/2021  | 10         | 1        | 51.64      | Yes           | 20.7           | -30.94        |
| 408    | 11/3/2021  | 10         | 2        | 51.64      | Yes           | 20.7           | -30.94        |
| 409    | 11/3/2021  | 10         | 3        | 52.19      | Yes           | 20.7           | -31.49        |
| 410    | 11/3/2021  | 10         | 4        | 51.33      | Yes           | 20.7           | -30.63        |
| 411    | 11/3/2021  | 10         | 5        | 50.76      | Yes           | 20.7           | -30.06        |
| 412    | 11/3/2021  | 10         | 6        | 50.74      | Yes           | 20.7           | -30.04        |
| 413    | 11/3/2021  | 10         | 7        | 49.07      | Yes           | 20.7           | -28.37        |
| 414    | 11/3/2021  | 10         | 8        | 48.51      | Yes           | 20.7           | -27.81        |



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| 415    | 11/3/2021  | 10         | 9        | 47.81      | Yes           | 20.7           | -27.11        |
| 416    | 11/3/2021  | 10         | 10       | 42.60      | Yes           | 20.7           | -21.90        |
| 417    | 11/3/2021  | 10         | 11       | 40.68      | Yes           | 20.7           | -19.98        |
| 418    | 11/3/2021  | 10         | 12       | 39.27      | Yes           | 20.7           | -18.57        |
| 419    | 11/3/2021  | 11         | 1        | 39.41      | Yes           | 20.7           | -18.71        |
| 420    | 11/3/2021  | 11         | 2        | 39.60      | Yes           | 20.7           | -18.90        |
| 421    | 11/3/2021  | 11         | 3        | 38.86      | Yes           | 20.7           | -18.16        |
| 422    | 11/3/2021  | 11         | 4        | 38.89      | Yes           | 20.7           | -18.19        |
| 423    | 11/3/2021  | 11         | 5        | 37.70      | Yes           | 20.7           | -17.00        |
| 424    | 11/3/2021  | 11         | 6        | 36.32      | Yes           | 20.7           | -15.62        |
| 425    | 11/3/2021  | 11         | 7        | 39.11      | Yes           | 20.7           | -18.41        |
| 426    | 11/3/2021  | 11         | 8        | 39.01      | Yes           | 20.7           | -18.31        |
| 427    | 11/3/2021  | 11         | 9        | 39.01      | Yes           | 20.7           | -18.31        |
| 428    | 11/3/2021  | 11         | 10       | 38.76      | Yes           | 20.7           | -18.06        |
| 429    | 11/3/2021  | 11         | 11       | 38.52      | Yes           | 20.7           | -17.82        |
| 430    | 11/3/2021  | 11         | 12       | 38.13      | Yes           | 20.7           | -17.43        |
| 431    | 11/3/2021  | 12         | 1        | 41.19      | Yes           | 20.7           | -20.49        |
| 432    | 11/3/2021  | 12         | 2        | 39.04      | Yes           | 20.7           | -18.34        |
| 433    | 11/3/2021  | 12         | 3        | 38.90      | Yes           | 20.7           | -18.20        |
| 434    | 11/3/2021  | 12         | 4        | 40.97      | Yes           | 20.7           | -20.27        |
| 435    | 11/3/2021  | 12         | 5        | 40.78      | Yes           | 20.7           | -20.08        |
| 436    | 11/3/2021  | 12         | 6        | 40.97      | Yes           | 20.7           | -20.27        |
| 437    | 11/3/2021  | 12         | 7        | 41.08      | Yes           | 20.7           | -20.38        |
| 438    | 11/3/2021  | 12         | 8        | 39.58      | Yes           | 20.7           | -18.88        |
| 439    | 11/3/2021  | 12         | 9        | 39.39      | Yes           | 20.7           | -18.69        |
| 440    | 11/3/2021  | 12         | 10       | 38.44      | Yes           | 20.7           | -17.74        |
| 441    | 11/3/2021  | 12         | 11       | 38.35      | Yes           | 20.7           | -17.65        |
| 442    | 11/3/2021  | 12         | 12       | 38.08      | Yes           | 20.7           | -17.38        |
| 443    | 11/3/2021  | 13         | 1        | 39.50      | Yes           | 20.7           | -18.80        |
| 444    | 11/3/2021  | 13         | 2        | 37.56      | Yes           | 20.7           | -16.86        |
| 445    | 11/3/2021  | 13         | 3        | 37.46      | Yes           | 20.7           | -16.76        |
| 446    | 11/3/2021  | 13         | 4        | 37.95      | Yes           | 20.7           | -17.25        |
| 447    | 11/3/2021  | 13         | 5        | 37.58      | Yes           | 20.7           | -16.88        |
| 448    | 11/3/2021  | 13         | 6        | 38.17      | Yes           | 20.7           | -17.47        |
| 449    | 11/3/2021  | 13         | 7        | 38.50      | Yes           | 20.7           | -17.80        |
| 450    | 11/3/2021  | 13         | 8        | 38.16      | Yes           | 20.7           | -17.46        |
| 451    | 11/3/2021  | 13         | 9        | 37.88      | Yes           | 20.7           | -17.18        |
| 452    | 11/3/2021  | 13         | 10       | 37.39      | Yes           | 20.7           | -16.69        |

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| 453    | 11/3/2021  | 13         | 11       | 36.23      | Yes           | 20.7           | -15.53        |
| 454    | 11/3/2021  | 13         | 12       | 36.23      | Yes           | 20.7           | -15.53        |
| 455    | 11/3/2021  | 14         | 1        | 38.05      | Yes           | 20.7           | -17.35        |
| 456    | 11/3/2021  | 14         | 2        | 40.81      | Yes           | 20.7           | -20.11        |
| 457    | 11/3/2021  | 14         | 3        | 41.04      | Yes           | 20.7           | -20.34        |
| 458    | 11/3/2021  | 14         | 4        | 41.01      | Yes           | 20.7           | -20.31        |
| 459    | 11/3/2021  | 14         | 5        | 38.80      | Yes           | 20.7           | -18.10        |
| 460    | 11/3/2021  | 14         | 6        | 38.13      | Yes           | 20.7           | -17.43        |
| 461    | 11/3/2021  | 14         | 7        | 36.41      | Yes           | 20.7           | -15.71        |
| 462    | 11/3/2021  | 14         | 8        | 35.31      | Yes           | 20.7           | -14.61        |
| 463    | 11/3/2021  | 14         | 9        | 35.08      | Yes           | 20.7           | -14.38        |
| 464    | 11/3/2021  | 14         | 10       | 36.17      | Yes           | 20.7           | -15.47        |
| 465    | 11/3/2021  | 14         | 11       | 37.87      | Yes           | 20.7           | -17.17        |
| 466    | 11/3/2021  | 14         | 12       | 45.50      | Yes           | 20.7           | -24.80        |
| 467    | 11/3/2021  | 15         | 1        | 46.28      | Yes           | 20.7           | -25.58        |
| 468    | 11/3/2021  | 15         | 2        | 47.30      | Yes           | 20.7           | -26.60        |
| 469    | 11/3/2021  | 15         | 3        | 51.46      | Yes           | 20.7           | -30.76        |
| 470    | 11/3/2021  | 15         | 4        | 50.85      | Yes           | 20.7           | -30.15        |
| 471    | 11/3/2021  | 15         | 5        | 49.86      | Yes           | 20.7           | -29.16        |
| 472    | 11/3/2021  | 15         | 6        | 48.61      | Yes           | 20.7           | -27.91        |
| 473    | 11/3/2021  | 15         | 7        | 48.62      | Yes           | 20.7           | -27.92        |
| 474    | 11/3/2021  | 15         | 8        | 48.76      | Yes           | 20.7           | -28.06        |
| 475    | 11/3/2021  | 15         | 9        | 50.39      | Yes           | 20.7           | -29.69        |
| 476    | 11/3/2021  | 15         | 10       | 51.59      | Yes           | 20.7           | -30.89        |
| 477    | 11/3/2021  | 15         | 11       | 51.87      | Yes           | 20.7           | -31.17        |
| 478    | 11/3/2021  | 15         | 12       | 52.74      | Yes           | 20.7           | -32.04        |
| 479    | 11/3/2021  | 16         | 1        | 50.41      | Yes           | 20.7           | -29.71        |
| 480    | 11/3/2021  | 16         | 2        | 49.17      | Yes           | 20.7           | -28.47        |
| 481    | 11/3/2021  | 16         | 3        | 49.60      | Yes           | 20.7           | -28.90        |
| 482    | 11/3/2021  | 16         | 4        | 47.82      | Yes           | 20.7           | -27.12        |
| 483    | 11/3/2021  | 16         | 5        | 46.83      | Yes           | 20.7           | -26.13        |
| 484    | 11/3/2021  | 16         | 6        | 47.86      | Yes           | 20.7           | -27.16        |
| 485    | 11/3/2021  | 16         | 7        | 48.96      | Yes           | 20.7           | -28.26        |
| 486    | 11/3/2021  | 16         | 8        | 49.60      | Yes           | 20.7           | -28.90        |
| 487    | 11/3/2021  | 16         | 9        | 51.70      | Yes           | 20.7           | -31.00        |
| 488    | 11/3/2021  | 16         | 10       | 52.70      | Yes           | 20.7           | -32.00        |
| 489    | 11/3/2021  | 16         | 11       | 51.72      | Yes           | 20.7           | -31.02        |
| 490    | 11/3/2021  | 16         | 12       | 49.03      | Yes           | 20.7           | -28.33        |

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| 491    | 11/3/2021  | 17         | 1        | 46.82      | Yes           | 20.7           | -26.12        |
| 492    | 11/3/2021  | 17         | 2        | 46.82      | Yes           | 20.7           | -26.12        |
| 493    | 11/3/2021  | 17         | 3        | 47.99      | Yes           | 20.7           | -27.29        |
| 494    | 11/3/2021  | 17         | 4        | 50.66      | Yes           | 20.7           | -29.96        |
| 495    | 11/3/2021  | 17         | 5        | 52.68      | Yes           | 20.7           | -31.98        |
| 496    | 11/3/2021  | 17         | 6        | 54.54      | Yes           | 20.7           | -33.84        |
| 497    | 11/3/2021  | 17         | 7        | 56.41      | Yes           | 20.7           | -35.71        |
| 498    | 11/3/2021  | 17         | 8        | 63.82      | Yes           | 20.7           | -43.12        |
| 499    | 11/3/2021  | 17         | 9        | 80.36      | Yes           | 20.7           | -59.66        |
| 500    | 11/3/2021  | 17         | 10       | 65.79      | Yes           | 20.7           | -45.09        |
| 501    | 11/3/2021  | 17         | 11       | 82.03      | Yes           | 20.7           | -61.33        |
| 502    | 11/3/2021  | 17         | 12       | 85.14      | Yes           | 20.7           | -64.44        |
| 503    | 11/3/2021  | 18         | 1        | 51.05      | Yes           | 20.7           | -30.35        |
| 504    | 11/3/2021  | 18         | 2        | 52.69      | Yes           | 20.7           | -31.99        |
| 505    | 11/3/2021  | 18         | 3        | 53.52      | Yes           | 20.7           | -32.82        |
| 506    | 11/3/2021  | 18         | 4        | 55.33      | Yes           | 20.7           | -34.63        |
| 507    | 11/3/2021  | 18         | 5        | 57.51      | Yes           | 20.7           | -36.81        |
| 508    | 11/3/2021  | 18         | 6        | 60.52      | Yes           | 20.7           | -39.82        |
| 509    | 11/3/2021  | 18         | 7        | 62.42      | Yes           | 20.7           | -41.72        |
| 510    | 11/3/2021  | 18         | 8        | 75.50      | Yes           | 20.7           | -54.80        |
| 511    | 11/3/2021  | 18         | 9        | 77.11      | Yes           | 20.7           | -56.41        |
| 512    | 11/3/2021  | 18         | 10       | 78.01      | Yes           | 20.7           | -57.31        |
| 513    | 11/3/2021  | 18         | 11       | 85.28      | Yes           | 20.7           | -64.58        |
| 514    | 11/3/2021  | 18         | 12       | 84.95      | Yes           | 20.7           | -64.25        |
| 515    | 11/3/2021  | 19         | 1        | 74.93      | Yes           | 20.7           | -54.23        |
| 516    | 11/3/2021  | 19         | 2        | 74.50      | Yes           | 20.7           | -53.80        |
| 517    | 11/3/2021  | 19         | 3        | 74.50      | Yes           | 20.7           | -53.80        |
| 518    | 11/3/2021  | 19         | 4        | 78.91      | Yes           | 20.7           | -58.21        |
| 519    | 11/3/2021  | 19         | 5        | 77.08      | Yes           | 20.7           | -56.38        |
| 520    | 11/3/2021  | 19         | 6        | 75.60      | Yes           | 20.7           | -54.90        |
| 521    | 11/3/2021  | 19         | 7        | 72.63      | Yes           | 20.7           | -51.93        |
| 522    | 11/3/2021  | 19         | 8        | 71.76      | Yes           | 20.7           | -51.06        |
| 523    | 11/3/2021  | 19         | 9        | 71.76      | Yes           | 20.7           | -51.06        |
| 524    | 11/3/2021  | 19         | 10       | 69.43      | Yes           | 20.7           | -48.73        |
| 525    | 11/3/2021  | 19         | 11       | 68.72      | Yes           | 20.7           | -48.02        |
| 526    | 11/3/2021  | 19         | 12       | 67.88      | Yes           | 20.7           | -47.18        |
| 527    | 11/3/2021  | 20         | 1        | 67.59      | Yes           | 20.7           | -46.89        |
| 528    | 11/3/2021  | 20         | 2        | 67.34      | Yes           | 20.7           | -46.64        |

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| 529    | 11/3/2021  | 20         | 3        | 67.73      | Yes           | 20.7           | -47.03        |
| 530    | 11/3/2021  | 20         | 4        | 68.37      | Yes           | 20.7           | -47.67        |
| 531    | 11/3/2021  | 20         | 5        | 67.65      | Yes           | 20.7           | -46.95        |
| 532    | 11/3/2021  | 20         | 6        | 65.99      | Yes           | 20.7           | -45.29        |
| 533    | 11/3/2021  | 20         | 7        | 65.19      | Yes           | 20.7           | -44.49        |
| 534    | 11/3/2021  | 20         | 8        | 63.41      | Yes           | 20.7           | -42.71        |
| 535    | 11/3/2021  | 20         | 9        | 62.77      | Yes           | 20.7           | -42.07        |
| 536    | 11/3/2021  | 20         | 10       | 68.54      | Yes           | 20.7           | -47.84        |
| 537    | 11/3/2021  | 20         | 11       | 67.90      | Yes           | 20.7           | -47.20        |
| 538    | 11/3/2021  | 20         | 12       | 68.66      | Yes           | 20.7           | -47.96        |
| 539    | 11/3/2021  | 21         | 1        | 77.98      | Yes           | 20.7           | -57.28        |
| 540    | 11/3/2021  | 21         | 2        | 77.98      | Yes           | 20.7           | -57.28        |
| 541    | 11/3/2021  | 21         | 3        | 77.98      | Yes           | 20.7           | -57.28        |
| 542    | 11/3/2021  | 21         | 4        | 77.34      | Yes           | 20.7           | -56.64        |
| 543    | 11/3/2021  | 21         | 5        | 77.34      | Yes           | 20.7           | -56.64        |
| 544    | 11/3/2021  | 21         | 6        | 76.54      | Yes           | 20.7           | -55.84        |
| 545    | 11/3/2021  | 21         | 7        | 74.79      | Yes           | 20.7           | -54.09        |
| 546    | 11/3/2021  | 21         | 8        | 70.09      | Yes           | 20.7           | -49.39        |
| 547    | 11/3/2021  | 21         | 9        | 70.09      | Yes           | 20.7           | -49.39        |
| 548    | 11/3/2021  | 21         | 10       | 66.99      | Yes           | 20.7           | -46.29        |
| 549    | 11/3/2021  | 21         | 11       | 67.37      | Yes           | 20.7           | -46.67        |
| 550    | 11/3/2021  | 21         | 12       | 69.67      | Yes           | 20.7           | -48.97        |
| 551    | 11/3/2021  | 22         | 1        | 71.68      | Yes           | 20.7           | -50.98        |
| 552    | 11/3/2021  | 22         | 2        | 73.65      | Yes           | 20.7           | -52.95        |
| 553    | 11/3/2021  | 22         | 3        | 72.43      | Yes           | 20.7           | -51.73        |
| 554    | 11/3/2021  | 22         | 4        | 71.64      | Yes           | 20.7           | -50.94        |
| 555    | 11/3/2021  | 22         | 5        | 72.38      | Yes           | 20.7           | -51.68        |
| 556    | 11/3/2021  | 22         | 6        | 70.97      | Yes           | 20.7           | -50.27        |
| 557    | 11/3/2021  | 22         | 7        | 71.78      | Yes           | 20.7           | -51.08        |
| 558    | 11/3/2021  | 22         | 8        | 70.35      | Yes           | 20.7           | -49.65        |
| 559    | 11/3/2021  | 22         | 9        | 69.93      | Yes           | 20.7           | -49.23        |
| 560    | 11/3/2021  | 22         | 10       | 69.00      | Yes           | 20.7           | -48.30        |
| 561    | 11/3/2021  | 22         | 11       | 67.58      | Yes           | 20.7           | -46.88        |
| 562    | 11/3/2021  | 22         | 12       | 67.57      | Yes           | 20.7           | -46.87        |
| 563    | 11/3/2021  | 23         | 1        | 76.78      | Yes           | 20.7           | -56.08        |
| 564    | 11/3/2021  | 23         | 2        | 72.86      | Yes           | 20.7           | -52.16        |
| 565    | 11/3/2021  | 23         | 3        | 69.61      | Yes           | 20.7           | -48.91        |
| 566    | 11/3/2021  | 23         | 4        | 63.68      | Yes           | 20.7           | -42.98        |

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| 567    | 11/3/2021  | 23         | 5        | 63.46      | Yes           | 20.7           | -42.76        |
| 568    | 11/3/2021  | 23         | 6        | 59.12      | Yes           | 20.7           | -38.42        |
| 569    | 11/3/2021  | 23         | 7        | 64.79      | Yes           | 20.7           | -44.09        |
| 570    | 11/3/2021  | 23         | 8        | 63.63      | Yes           | 20.7           | -42.93        |
| 571    | 11/3/2021  | 23         | 9        | 63.40      | Yes           | 20.7           | -42.70        |
| 572    | 11/3/2021  | 23         | 10       | 60.63      | Yes           | 20.7           | -39.93        |
| 573    | 11/3/2021  | 23         | 11       | 60.32      | Yes           | 20.7           | -39.62        |
| 574    | 11/3/2021  | 23         | 12       | 59.77      | Yes           | 20.7           | -39.07        |
| 575    | 11/3/2021  | 24         | 1        | 65.80      | Yes           | 20.7           | -45.10        |
| 576    | 11/3/2021  | 24         | 2        | 65.81      | Yes           | 20.7           | -45.11        |
| 577    | 11/3/2021  | 24         | 3        | 65.81      | Yes           | 20.7           | -45.11        |
| 578    | 11/3/2021  | 24         | 4        | 62.03      | Yes           | 20.7           | -41.33        |
| 579    | 11/3/2021  | 24         | 5        | 60.10      | Yes           | 20.7           | -39.40        |
| 580    | 11/3/2021  | 24         | 6        | 59.39      | Yes           | 20.7           | -38.69        |
| 581    | 11/3/2021  | 24         | 7        | 59.29      | Yes           | 20.7           | -38.59        |
| 582    | 11/3/2021  | 24         | 8        | 56.53      | Yes           | 20.7           | -35.83        |
| 583    | 11/3/2021  | 24         | 9        | 59.29      | Yes           | 20.7           | -38.59        |
| 584    | 11/3/2021  | 24         | 10       | 61.48      | Yes           | 20.7           | -40.78        |
| 585    | 11/3/2021  | 24         | 11       | 61.05      | Yes           | 20.7           | -40.35        |
| 586    | 11/3/2021  | 24         | 12       | 56.26      | Yes           | 20.7           | -35.56        |
| 587    | 11/4/2021  | 1          | 1        | 53.20      | Yes           | 19.44          | -33.76        |
| 588    | 11/4/2021  | 1          | 2        | 54.55      | Yes           | 19.44          | -35.11        |
| 589    | 11/4/2021  | 1          | 3        | 54.81      | Yes           | 19.44          | -35.37        |
| 590    | 11/4/2021  | 1          | 4        | 55.38      | Yes           | 19.44          | -35.94        |
| 591    | 11/4/2021  | 1          | 5        | 54.85      | Yes           | 19.44          | -35.41        |
| 592    | 11/4/2021  | 1          | 6        | 57.06      | Yes           | 19.44          | -37.62        |
| 593    | 11/4/2021  | 1          | 7        | 54.41      | Yes           | 19.44          | -34.97        |
| 594    | 11/4/2021  | 1          | 8        | 52.77      | Yes           | 19.44          | -33.33        |
| 595    | 11/4/2021  | 1          | 9        | 52.73      | Yes           | 19.44          | -33.29        |
| 596    | 11/4/2021  | 1          | 10       | 52.66      | Yes           | 19.44          | -33.22        |
| 597    | 11/4/2021  | 1          | 11       | 51.04      | Yes           | 19.44          | -31.60        |
| 598    | 11/4/2021  | 1          | 12       | 50.68      | Yes           | 19.44          | -31.24        |
| 599    | 11/4/2021  | 2          | 1        | 54.45      | Yes           | 19.44          | -35.01        |
| 600    | 11/4/2021  | 2          | 2        | 53.55      | Yes           | 19.44          | -34.11        |
| 601    | 11/4/2021  | 2          | 3        | 55.12      | Yes           | 19.44          | -35.68        |
| 602    | 11/4/2021  | 2          | 4        | 55.18      | Yes           | 19.44          | -35.74        |
| 603    | 11/4/2021  | 2          | 5        | 55.19      | Yes           | 19.44          | -35.75        |
| 604    | 11/4/2021  | 2          | 6        | 54.10      | Yes           | 19.44          | -34.66        |

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| 605    | 11/4/2021  | 2          | 7        | 54.80      | Yes           | 19.44          | -35.36        |
| 606    | 11/4/2021  | 2          | 8        | 52.89      | Yes           | 19.44          | -33.45        |
| 607    | 11/4/2021  | 2          | 9        | 52.65      | Yes           | 19.44          | -33.21        |
| 608    | 11/4/2021  | 2          | 10       | 52.34      | Yes           | 19.44          | -32.90        |
| 609    | 11/4/2021  | 2          | 11       | 51.67      | Yes           | 19.44          | -32.23        |
| 610    | 11/4/2021  | 2          | 12       | 51.73      | Yes           | 19.44          | -32.29        |
| 611    | 11/4/2021  | 3          | 1        | 51.39      | Yes           | 19.44          | -31.95        |
| 612    | 11/4/2021  | 3          | 2        | 51.64      | Yes           | 19.44          | -32.20        |
| 613    | 11/4/2021  | 3          | 3        | 51.39      | Yes           | 19.44          | -31.95        |
| 614    | 11/4/2021  | 3          | 4        | 50.98      | Yes           | 19.44          | -31.54        |
| 615    | 11/4/2021  | 3          | 5        | 50.93      | Yes           | 19.44          | -31.49        |
| 616    | 11/4/2021  | 3          | 6        | 50.62      | Yes           | 19.44          | -31.18        |
| 617    | 11/4/2021  | 3          | 7        | 50.90      | Yes           | 19.44          | -31.46        |
| 618    | 11/4/2021  | 3          | 8        | 50.53      | Yes           | 19.44          | -31.09        |
| 619    | 11/4/2021  | 3          | 9        | 50.53      | Yes           | 19.44          | -31.09        |
| 620    | 11/4/2021  | 3          | 10       | 50.56      | Yes           | 19.44          | -31.12        |
| 621    | 11/4/2021  | 3          | 11       | 50.56      | Yes           | 19.44          | -31.12        |
| 622    | 11/4/2021  | 3          | 12       | 50.35      | Yes           | 19.44          | -30.91        |
| 623    | 11/4/2021  | 4          | 1        | 52.11      | Yes           | 19.44          | -32.67        |
| 624    | 11/4/2021  | 4          | 2        | 52.31      | Yes           | 19.44          | -32.87        |
| 625    | 11/4/2021  | 4          | 3        | 52.20      | Yes           | 19.44          | -32.76        |
| 626    | 11/4/2021  | 4          | 4        | 52.10      | Yes           | 19.44          | -32.66        |
| 627    | 11/4/2021  | 4          | 5        | 52.10      | Yes           | 19.44          | -32.66        |
| 628    | 11/4/2021  | 4          | 6        | 52.18      | Yes           | 19.44          | -32.74        |
| 629    | 11/4/2021  | 4          | 7        | 52.20      | Yes           | 19.44          | -32.76        |
| 630    | 11/4/2021  | 4          | 8        | 52.16      | Yes           | 19.44          | -32.72        |
| 631    | 11/4/2021  | 4          | 9        | 52.16      | Yes           | 19.44          | -32.72        |
| 632    | 11/4/2021  | 4          | 10       | 52.04      | Yes           | 19.44          | -32.60        |
| 633    | 11/4/2021  | 4          | 11       | 51.91      | Yes           | 19.44          | -32.47        |
| 634    | 11/4/2021  | 4          | 12       | 51.97      | Yes           | 19.44          | -32.53        |
| 635    | 11/4/2021  | 5          | 1        | 52.69      | Yes           | 19.44          | -33.25        |
| 636    | 11/4/2021  | 5          | 2        | 54.04      | Yes           | 19.44          | -34.60        |
| 637    | 11/4/2021  | 5          | 3        | 57.34      | Yes           | 19.44          | -37.90        |
| 638    | 11/4/2021  | 5          | 4        | 75.54      | Yes           | 19.44          | -56.10        |
| 639    | 11/4/2021  | 5          | 5        | 66.02      | Yes           | 19.44          | -46.58        |
| 640    | 11/4/2021  | 5          | 6        | 66.04      | Yes           | 19.44          | -46.60        |
| 641    | 11/4/2021  | 5          | 7        | 67.40      | Yes           | 19.44          | -47.96        |
| 642    | 11/4/2021  | 5          | 8        | 67.28      | Yes           | 19.44          | -47.84        |

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| 643    | 11/4/2021  | 5          | 9        | 67.30      | Yes           | 19.44          | -47.86        |
| 644    | 11/4/2021  | 5          | 10       | 66.91      | Yes           | 19.44          | -47.47        |
| 645    | 11/4/2021  | 5          | 11       | 62.15      | Yes           | 19.44          | -42.71        |
| 646    | 11/4/2021  | 5          | 12       | 67.31      | Yes           | 19.44          | -47.87        |
| 647    | 11/4/2021  | 6          | 1        | 58.15      | Yes           | 19.44          | -38.71        |
| 648    | 11/4/2021  | 6          | 2        | 57.42      | Yes           | 19.44          | -37.98        |
| 649    | 11/4/2021  | 6          | 3        | 57.51      | Yes           | 19.44          | -38.07        |
| 650    | 11/4/2021  | 6          | 4        | 59.57      | Yes           | 19.44          | -40.13        |
| 651    | 11/4/2021  | 6          | 5        | 60.25      | Yes           | 19.44          | -40.81        |
| 652    | 11/4/2021  | 6          | 6        | 61.37      | Yes           | 19.44          | -41.93        |
| 653    | 11/4/2021  | 6          | 7        | 58.65      | Yes           | 19.44          | -39.21        |
| 654    | 11/4/2021  | 6          | 8        | 60.15      | Yes           | 19.44          | -40.71        |
| 655    | 11/4/2021  | 6          | 9        | 62.89      | Yes           | 19.44          | -43.45        |
| 656    | 11/4/2021  | 6          | 10       | 70.68      | Yes           | 19.44          | -51.24        |
| 657    | 11/4/2021  | 6          | 11       | 72.80      | Yes           | 19.44          | -53.36        |
| 658    | 11/4/2021  | 6          | 12       | 79.36      | Yes           | 19.44          | -59.92        |
| 659    | 11/4/2021  | 7          | 1        | 61.08      | Yes           | 19.44          | -41.64        |
| 660    | 11/4/2021  | 7          | 2        | 64.33      | Yes           | 19.44          | -44.89        |
| 661    | 11/4/2021  | 7          | 3        | 66.45      | Yes           | 19.44          | -47.01        |
| 662    | 11/4/2021  | 7          | 4        | 64.53      | Yes           | 19.44          | -45.09        |
| 663    | 11/4/2021  | 7          | 5        | 70.00      | Yes           | 19.44          | -50.56        |
| 664    | 11/4/2021  | 7          | 6        | 69.55      | Yes           | 19.44          | -50.11        |
| 665    | 11/4/2021  | 7          | 7        | 70.94      | Yes           | 19.44          | -51.50        |
| 666    | 11/4/2021  | 7          | 8        | 70.94      | Yes           | 19.44          | -51.50        |
| 667    | 11/4/2021  | 7          | 9        | 71.01      | Yes           | 19.44          | -51.57        |
| 668    | 11/4/2021  | 7          | 10       | 78.73      | Yes           | 19.44          | -59.29        |
| 669    | 11/4/2021  | 7          | 11       | 82.53      | Yes           | 19.44          | -63.09        |
| 670    | 11/4/2021  | 7          | 12       | 82.58      | Yes           | 19.44          | -63.14        |
| 671    | 11/4/2021  | 8          | 1        | 86.16      | Yes           | 19.44          | -66.72        |
| 672    | 11/4/2021  | 8          | 2        | 87.40      | Yes           | 19.44          | -67.96        |
| 673    | 11/4/2021  | 8          | 3        | 87.85      | Yes           | 19.44          | -68.41        |
| 674    | 11/4/2021  | 8          | 4        | 89.27      | Yes           | 19.44          | -69.83        |
| 675    | 11/4/2021  | 8          | 5        | 86.81      | Yes           | 19.44          | -67.37        |
| 676    | 11/4/2021  | 8          | 6        | 84.52      | Yes           | 19.44          | -65.08        |
| 677    | 11/4/2021  | 8          | 7        | 69.88      | Yes           | 19.44          | -50.44        |
| 678    | 11/4/2021  | 8          | 8        | 66.18      | Yes           | 19.44          | -46.74        |
| 679    | 11/4/2021  | 8          | 9        | 62.54      | Yes           | 19.44          | -43.10        |
| 680    | 11/4/2021  | 8          | 10       | 62.35      | Yes           | 19.44          | -42.91        |

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| 681    | 11/4/2021  | 8          | 11       | 59.51      | Yes           | 19.44          | -40.07        |
| 682    | 11/4/2021  | 8          | 12       | 60.64      | Yes           | 19.44          | -41.20        |
| 683    | 11/4/2021  | 9          | 1        | 71.68      | Yes           | 19.44          | -52.24        |
| 684    | 11/4/2021  | 9          | 2        | 63.28      | Yes           | 19.44          | -43.84        |
| 685    | 11/4/2021  | 9          | 3        | 57.15      | Yes           | 19.44          | -37.71        |
| 686    | 11/4/2021  | 9          | 4        | 57.21      | Yes           | 19.44          | -37.77        |
| 687    | 11/4/2021  | 9          | 5        | 55.38      | Yes           | 19.44          | -35.94        |
| 688    | 11/4/2021  | 9          | 6        | 54.28      | Yes           | 19.44          | -34.84        |
| 689    | 11/4/2021  | 9          | 7        | 52.70      | Yes           | 19.44          | -33.26        |
| 690    | 11/4/2021  | 9          | 8        | 52.41      | Yes           | 19.44          | -32.97        |
| 691    | 11/4/2021  | 9          | 9        | 50.48      | Yes           | 19.44          | -31.04        |
| 692    | 11/4/2021  | 9          | 10       | 47.99      | Yes           | 19.44          | -28.55        |
| 693    | 11/4/2021  | 9          | 11       | 47.93      | Yes           | 19.44          | -28.49        |
| 694    | 11/4/2021  | 9          | 12       | 47.22      | Yes           | 19.44          | -27.78        |
| 695    | 11/4/2021  | 10         | 1        | 51.30      | Yes           | 19.44          | -31.86        |
| 696    | 11/4/2021  | 10         | 2        | 51.13      | Yes           | 19.44          | -31.69        |
| 697    | 11/4/2021  | 10         | 3        | 51.95      | Yes           | 19.44          | -32.51        |
| 698    | 11/4/2021  | 10         | 4        | 51.25      | Yes           | 19.44          | -31.81        |
| 699    | 11/4/2021  | 10         | 5        | 50.06      | Yes           | 19.44          | -30.62        |
| 700    | 11/4/2021  | 10         | 6        | 50.84      | Yes           | 19.44          | -31.40        |
| 701    | 11/4/2021  | 10         | 7        | 48.88      | Yes           | 19.44          | -29.44        |
| 702    | 11/4/2021  | 10         | 8        | 47.91      | Yes           | 19.44          | -28.47        |
| 703    | 11/4/2021  | 10         | 9        | 47.19      | Yes           | 19.44          | -27.75        |
| 704    | 11/4/2021  | 10         | 10       | 49.38      | Yes           | 19.44          | -29.94        |
| 705    | 11/4/2021  | 10         | 11       | 48.80      | Yes           | 19.44          | -29.36        |
| 706    | 11/4/2021  | 10         | 12       | 48.15      | Yes           | 19.44          | -28.71        |
| 707    | 11/4/2021  | 11         | 1        | 49.58      | Yes           | 19.44          | -30.14        |
| 708    | 11/4/2021  | 11         | 2        | 48.88      | Yes           | 19.44          | -29.44        |
| 709    | 11/4/2021  | 11         | 3        | 49.49      | Yes           | 19.44          | -30.05        |
| 710    | 11/4/2021  | 11         | 4        | 66.89      | Yes           | 19.44          | -47.45        |
| 711    | 11/4/2021  | 11         | 5        | 66.31      | Yes           | 19.44          | -46.87        |
| 712    | 11/4/2021  | 11         | 6        | 65.19      | Yes           | 19.44          | -45.75        |
| 713    | 11/4/2021  | 11         | 7        | 70.55      | Yes           | 19.44          | -51.11        |
| 714    | 11/4/2021  | 11         | 8        | 73.43      | Yes           | 19.44          | -53.99        |
| 715    | 11/4/2021  | 11         | 9        | 64.94      | Yes           | 19.44          | -45.50        |
| 716    | 11/4/2021  | 11         | 10       | 50.05      | Yes           | 19.44          | -30.61        |
| 717    | 11/4/2021  | 11         | 11       | 44.86      | Yes           | 19.44          | -25.42        |
| 718    | 11/4/2021  | 11         | 12       | 45.49      | Yes           | 19.44          | -26.05        |



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| 719    | 11/4/2021  | 12         | 1        | 46.96      | Yes           | 19.44          | -27.52        |
| 720    | 11/4/2021  | 12         | 2        | 46.79      | Yes           | 19.44          | -27.35        |
| 721    | 11/4/2021  | 12         | 3        | 45.62      | Yes           | 19.44          | -26.18        |
| 722    | 11/4/2021  | 12         | 4        | 45.69      | Yes           | 19.44          | -26.25        |
| 723    | 11/4/2021  | 12         | 5        | 45.56      | Yes           | 19.44          | -26.12        |
| 724    | 11/4/2021  | 12         | 6        | 45.60      | Yes           | 19.44          | -26.16        |
| 725    | 11/4/2021  | 12         | 7        | 42.31      | Yes           | 19.44          | -22.87        |
| 726    | 11/4/2021  | 12         | 8        | 42.55      | Yes           | 19.44          | -23.11        |
| 727    | 11/4/2021  | 12         | 9        | 41.65      | Yes           | 19.44          | -22.21        |
| 728    | 11/4/2021  | 12         | 10       | 44.74      | Yes           | 19.44          | -25.30        |
| 729    | 11/4/2021  | 12         | 11       | 45.08      | Yes           | 19.44          | -25.64        |
| 730    | 11/4/2021  | 12         | 12       | 44.90      | Yes           | 19.44          | -25.46        |
| 731    | 11/4/2021  | 13         | 1        | 46.83      | Yes           | 19.44          | -27.39        |
| 732    | 11/4/2021  | 13         | 2        | 48.92      | Yes           | 19.44          | -29.48        |
| 733    | 11/4/2021  | 13         | 3        | 46.14      | Yes           | 19.44          | -26.70        |
| 734    | 11/4/2021  | 13         | 4        | 43.72      | Yes           | 19.44          | -24.28        |
| 735    | 11/4/2021  | 13         | 5        | 45.86      | Yes           | 19.44          | -26.42        |
| 736    | 11/4/2021  | 13         | 6        | 46.32      | Yes           | 19.44          | -26.88        |
| 737    | 11/4/2021  | 13         | 7        | 45.38      | Yes           | 19.44          | -25.94        |
| 738    | 11/4/2021  | 13         | 8        | 45.61      | Yes           | 19.44          | -26.17        |
| 739    | 11/4/2021  | 13         | 9        | 45.57      | Yes           | 19.44          | -26.13        |
| 740    | 11/4/2021  | 13         | 10       | 45.70      | Yes           | 19.44          | -26.26        |
| 741    | 11/4/2021  | 13         | 11       | 45.70      | Yes           | 19.44          | -26.26        |
| 742    | 11/4/2021  | 13         | 12       | 45.78      | Yes           | 19.44          | -26.34        |
| 743    | 11/4/2021  | 14         | 1        | 46.04      | Yes           | 19.44          | -26.60        |
| 744    | 11/4/2021  | 14         | 2        | 45.29      | Yes           | 19.44          | -25.85        |
| 745    | 11/4/2021  | 14         | 3        | 46.42      | Yes           | 19.44          | -26.98        |
| 746    | 11/4/2021  | 14         | 4        | 35.77      | Yes           | 19.44          | -16.33        |
| 747    | 11/4/2021  | 14         | 5        | 44.55      | Yes           | 19.44          | -25.11        |
| 748    | 11/4/2021  | 14         | 6        | 44.23      | Yes           | 19.44          | -24.79        |
| 749    | 11/4/2021  | 14         | 7        | 44.14      | Yes           | 19.44          | -24.70        |
| 750    | 11/4/2021  | 14         | 8        | 44.52      | Yes           | 19.44          | -25.08        |
| 751    | 11/4/2021  | 14         | 9        | 45.12      | Yes           | 19.44          | -25.68        |
| 752    | 11/4/2021  | 14         | 10       | 45.25      | Yes           | 19.44          | -25.81        |
| 753    | 11/4/2021  | 14         | 11       | 43.52      | Yes           | 19.44          | -24.08        |
| 754    | 11/4/2021  | 14         | 12       | 43.19      | Yes           | 19.44          | -23.75        |
| 755    | 11/4/2021  | 15         | 1        | 40.59      | Yes           | 19.44          | -21.15        |
| 756    | 11/4/2021  | 15         | 2        | 40.25      | Yes           | 19.44          | -20.81        |

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| 757    | 11/4/2021  | 15         | 3        | 40.27      | Yes           | 19.44          | -20.83        |
| 758    | 11/4/2021  | 15         | 4        | 40.54      | Yes           | 19.44          | -21.10        |
| 759    | 11/4/2021  | 15         | 5        | 39.89      | Yes           | 19.44          | -20.45        |
| 760    | 11/4/2021  | 15         | 6        | 39.97      | Yes           | 19.44          | -20.53        |
| 761    | 11/4/2021  | 15         | 7        | 39.52      | Yes           | 19.44          | -20.08        |
| 762    | 11/4/2021  | 15         | 8        | 41.17      | Yes           | 19.44          | -21.73        |
| 763    | 11/4/2021  | 15         | 9        | 47.08      | Yes           | 19.44          | -27.64        |
| 764    | 11/4/2021  | 15         | 10       | 49.77      | Yes           | 19.44          | -30.33        |
| 765    | 11/4/2021  | 15         | 11       | 50.61      | Yes           | 19.44          | -31.17        |
| 766    | 11/4/2021  | 15         | 12       | 50.62      | Yes           | 19.44          | -31.18        |
| 767    | 11/4/2021  | 16         | 1        | 44.74      | Yes           | 19.44          | -25.30        |
| 768    | 11/4/2021  | 16         | 2        | 43.19      | Yes           | 19.44          | -23.75        |
| 769    | 11/4/2021  | 16         | 3        | 43.19      | Yes           | 19.44          | -23.75        |
| 770    | 11/4/2021  | 16         | 4        | 44.09      | Yes           | 19.44          | -24.65        |
| 771    | 11/4/2021  | 16         | 5        | 44.99      | Yes           | 19.44          | -25.55        |
| 772    | 11/4/2021  | 16         | 6        | 46.76      | Yes           | 19.44          | -27.32        |
| 773    | 11/4/2021  | 16         | 7        | 44.05      | Yes           | 19.44          | -24.61        |
| 774    | 11/4/2021  | 16         | 8        | 45.10      | Yes           | 19.44          | -25.66        |
| 775    | 11/4/2021  | 16         | 9        | 43.33      | Yes           | 19.44          | -23.89        |
| 776    | 11/4/2021  | 16         | 10       | 44.43      | Yes           | 19.44          | -24.99        |
| 777    | 11/4/2021  | 16         | 11       | 44.23      | Yes           | 19.44          | -24.79        |
| 778    | 11/4/2021  | 16         | 12       | 44.52      | Yes           | 19.44          | -25.08        |
| 779    | 11/4/2021  | 17         | 1        | 40.01      | Yes           | 19.44          | -20.57        |
| 780    | 11/4/2021  | 17         | 2        | 35.07      | Yes           | 19.44          | -15.63        |
| 781    | 11/4/2021  | 17         | 3        | 39.96      | Yes           | 19.44          | -20.52        |
| 782    | 11/4/2021  | 17         | 4        | 46.24      | Yes           | 19.44          | -26.80        |
| 783    | 11/4/2021  | 17         | 5        | 48.31      | Yes           | 19.44          | -28.87        |
| 784    | 11/4/2021  | 17         | 6        | 50.60      | Yes           | 19.44          | -31.16        |
| 785    | 11/4/2021  | 17         | 7        | 51.86      | Yes           | 19.44          | -32.42        |
| 786    | 11/4/2021  | 17         | 8        | 61.32      | Yes           | 19.44          | -41.88        |
| 787    | 11/4/2021  | 17         | 9        | 66.93      | Yes           | 19.44          | -47.49        |
| 788    | 11/4/2021  | 17         | 10       | 67.04      | Yes           | 19.44          | -47.60        |
| 789    | 11/4/2021  | 17         | 11       | 76.27      | Yes           | 19.44          | -56.83        |
| 790    | 11/4/2021  | 17         | 12       | 85.47      | Yes           | 19.44          | -66.03        |
| 791    | 11/4/2021  | 18         | 1        | 48.55      | Yes           | 19.44          | -29.11        |
| 792    | 11/4/2021  | 18         | 2        | 53.56      | Yes           | 19.44          | -34.12        |
| 793    | 11/4/2021  | 18         | 3        | 49.66      | Yes           | 19.44          | -30.22        |
| 794    | 11/4/2021  | 18         | 4        | 50.06      | Yes           | 19.44          | -30.62        |

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| 795    | 11/4/2021  | 18         | 5        | 55.36      | Yes           | 19.44          | -35.92        |
| 796    | 11/4/2021  | 18         | 6        | 55.13      | Yes           | 19.44          | -35.69        |
| 797    | 11/4/2021  | 18         | 7        | 54.75      | Yes           | 19.44          | -35.31        |
| 798    | 11/4/2021  | 18         | 8        | 75.60      | Yes           | 19.44          | -56.16        |
| 799    | 11/4/2021  | 18         | 9        | 56.42      | Yes           | 19.44          | -36.98        |
| 800    | 11/4/2021  | 18         | 10       | 56.06      | Yes           | 19.44          | -36.62        |
| 801    | 11/4/2021  | 18         | 11       | 57.26      | Yes           | 19.44          | -37.82        |
| 802    | 11/4/2021  | 18         | 12       | 59.75      | Yes           | 19.44          | -40.31        |
| 803    | 11/4/2021  | 19         | 1        | 49.51      | Yes           | 19.44          | -30.07        |
| 804    | 11/4/2021  | 19         | 2        | 49.51      | Yes           | 19.44          | -30.07        |
| 805    | 11/4/2021  | 19         | 3        | 49.56      | Yes           | 19.44          | -30.12        |
| 806    | 11/4/2021  | 19         | 4        | 53.50      | Yes           | 19.44          | -34.06        |
| 807    | 11/4/2021  | 19         | 5        | 52.37      | Yes           | 19.44          | -32.93        |
| 808    | 11/4/2021  | 19         | 6        | 52.08      | Yes           | 19.44          | -32.64        |
| 809    | 11/4/2021  | 19         | 7        | 57.87      | Yes           | 19.44          | -38.43        |
| 810    | 11/4/2021  | 19         | 8        | 54.13      | Yes           | 19.44          | -34.69        |
| 811    | 11/4/2021  | 19         | 9        | 55.34      | Yes           | 19.44          | -35.90        |
| 812    | 11/4/2021  | 19         | 10       | 51.74      | Yes           | 19.44          | -32.30        |
| 813    | 11/4/2021  | 19         | 11       | 49.30      | Yes           | 19.44          | -29.86        |
| 814    | 11/4/2021  | 19         | 12       | 48.51      | Yes           | 19.44          | -29.07        |
| 815    | 11/4/2021  | 20         | 1        | 54.78      | Yes           | 19.44          | -35.34        |
| 816    | 11/4/2021  | 20         | 2        | 53.00      | Yes           | 19.44          | -33.56        |
| 817    | 11/4/2021  | 20         | 3        | 51.70      | Yes           | 19.44          | -32.26        |
| 818    | 11/4/2021  | 20         | 4        | 51.82      | Yes           | 19.44          | -32.38        |
| 819    | 11/4/2021  | 20         | 5        | 53.25      | Yes           | 19.44          | -33.81        |
| 820    | 11/4/2021  | 20         | 6        | 51.67      | Yes           | 19.44          | -32.23        |
| 821    | 11/4/2021  | 20         | 7        | 53.51      | Yes           | 19.44          | -34.07        |
| 822    | 11/4/2021  | 20         | 8        | 52.08      | Yes           | 19.44          | -32.64        |
| 823    | 11/4/2021  | 20         | 9        | 51.38      | Yes           | 19.44          | -31.94        |
| 824    | 11/4/2021  | 20         | 10       | 51.06      | Yes           | 19.44          | -31.62        |
| 825    | 11/4/2021  | 20         | 11       | 50.90      | Yes           | 19.44          | -31.46        |
| 826    | 11/4/2021  | 20         | 12       | 50.42      | Yes           | 19.44          | -30.98        |
| 827    | 11/4/2021  | 21         | 1        | 52.03      | Yes           | 19.44          | -32.59        |
| 828    | 11/4/2021  | 21         | 2        | 50.26      | Yes           | 19.44          | -30.82        |
| 829    | 11/4/2021  | 21         | 3        | 49.87      | Yes           | 19.44          | -30.43        |
| 830    | 11/4/2021  | 21         | 4        | 50.37      | Yes           | 19.44          | -30.93        |
| 831    | 11/4/2021  | 21         | 5        | 50.37      | Yes           | 19.44          | -30.93        |
| 832    | 11/4/2021  | 21         | 6        | 50.21      | Yes           | 19.44          | -30.77        |

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| 833    | 11/4/2021  | 21         | 7        | 53.38      | Yes           | 19.44          | -33.94        |
| 834    | 11/4/2021  | 21         | 8        | 53.60      | Yes           | 19.44          | -34.16        |
| 835    | 11/4/2021  | 21         | 9        | 53.58      | Yes           | 19.44          | -34.14        |
| 836    | 11/4/2021  | 21         | 10       | 52.53      | Yes           | 19.44          | -33.09        |
| 837    | 11/4/2021  | 21         | 11       | 52.21      | Yes           | 19.44          | -32.77        |
| 838    | 11/4/2021  | 21         | 12       | 52.21      | Yes           | 19.44          | -32.77        |
| 839    | 11/4/2021  | 22         | 1        | 56.27      | Yes           | 19.44          | -36.83        |
| 840    | 11/4/2021  | 22         | 2        | 57.16      | Yes           | 19.44          | -37.72        |
| 841    | 11/4/2021  | 22         | 3        | 56.06      | Yes           | 19.44          | -36.62        |
| 842    | 11/4/2021  | 22         | 4        | 54.81      | Yes           | 19.44          | -35.37        |
| 843    | 11/4/2021  | 22         | 5        | 53.90      | Yes           | 19.44          | -34.46        |
| 844    | 11/4/2021  | 22         | 6        | 53.27      | Yes           | 19.44          | -33.83        |
| 845    | 11/4/2021  | 22         | 7        | 52.15      | Yes           | 19.44          | -32.71        |
| 846    | 11/4/2021  | 22         | 8        | 51.78      | Yes           | 19.44          | -32.34        |
| 847    | 11/4/2021  | 22         | 9        | 51.52      | Yes           | 19.44          | -32.08        |
| 848    | 11/4/2021  | 22         | 10       | 50.56      | Yes           | 19.44          | -31.12        |
| 849    | 11/4/2021  | 22         | 11       | 50.29      | Yes           | 19.44          | -30.85        |
| 850    | 11/4/2021  | 22         | 12       | 50.29      | Yes           | 19.44          | -30.85        |
| 851    | 11/4/2021  | 23         | 1        | 49.53      | Yes           | 19.44          | -30.09        |
| 852    | 11/4/2021  | 23         | 2        | 48.99      | Yes           | 19.44          | -29.55        |
| 853    | 11/4/2021  | 23         | 3        | 48.93      | Yes           | 19.44          | -29.49        |
| 854    | 11/4/2021  | 23         | 4        | 49.14      | Yes           | 19.44          | -29.70        |
| 855    | 11/4/2021  | 23         | 5        | 48.76      | Yes           | 19.44          | -29.32        |
| 856    | 11/4/2021  | 23         | 6        | 48.38      | Yes           | 19.44          | -28.94        |
| 857    | 11/4/2021  | 23         | 7        | 48.07      | Yes           | 19.44          | -28.63        |
| 858    | 11/4/2021  | 23         | 8        | 48.07      | Yes           | 19.44          | -28.63        |
| 859    | 11/4/2021  | 23         | 9        | 47.68      | Yes           | 19.44          | -28.24        |
| 860    | 11/4/2021  | 23         | 10       | 46.61      | Yes           | 19.44          | -27.17        |
| 861    | 11/4/2021  | 23         | 11       | 46.73      | Yes           | 19.44          | -27.29        |
| 862    | 11/4/2021  | 23         | 12       | 44.52      | Yes           | 19.44          | -25.08        |
| 863    | 11/4/2021  | 24         | 1        | 45.78      | Yes           | 19.44          | -26.34        |
| 864    | 11/4/2021  | 24         | 2        | 44.75      | Yes           | 19.44          | -25.31        |
| 865    | 11/4/2021  | 24         | 3        | 44.75      | Yes           | 19.44          | -25.31        |
| 866    | 11/4/2021  | 24         | 4        | 44.11      | Yes           | 19.44          | -24.67        |
| 867    | 11/4/2021  | 24         | 5        | 44.11      | Yes           | 19.44          | -24.67        |
| 868    | 11/4/2021  | 24         | 6        | 44.18      | Yes           | 19.44          | -24.74        |
| 869    | 11/4/2021  | 24         | 7        | 44.11      | Yes           | 19.44          | -24.67        |
| 870    | 11/4/2021  | 24         | 8        | 43.94      | Yes           | 19.44          | -24.50        |

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| 871    | 11/4/2021  | 24         | 9        | 44.37      | Yes           | 19.44          | -24.93        |
| 872    | 11/4/2021  | 24         | 10       | 44.72      | Yes           | 19.44          | -25.28        |
| 873    | 11/4/2021  | 24         | 11       | 44.79      | Yes           | 19.44          | -25.35        |
| 874    | 11/4/2021  | 24         | 12       | 44.84      | Yes           | 19.44          | -25.40        |
| 875    | 11/5/2021  | 1          | 1        | 48.07      | Yes           | 18.83          | -29.24        |
| 876    | 11/5/2021  | 1          | 2        | 48.07      | Yes           | 18.83          | -29.24        |
| 877    | 11/5/2021  | 1          | 3        | 48.07      | Yes           | 18.83          | -29.24        |
| 878    | 11/5/2021  | 1          | 4        | 47.34      | Yes           | 18.83          | -28.51        |
| 879    | 11/5/2021  | 1          | 5        | 47.34      | Yes           | 18.83          | -28.51        |
| 880    | 11/5/2021  | 1          | 6        | 47.34      | Yes           | 18.83          | -28.51        |
| 881    | 11/5/2021  | 1          | 7        | 47.40      | Yes           | 18.83          | -28.57        |
| 882    | 11/5/2021  | 1          | 8        | 46.58      | Yes           | 18.83          | -27.75        |
| 883    | 11/5/2021  | 1          | 9        | 46.51      | Yes           | 18.83          | -27.68        |
| 884    | 11/5/2021  | 1          | 10       | 45.99      | Yes           | 18.83          | -27.16        |
| 885    | 11/5/2021  | 1          | 11       | 45.98      | Yes           | 18.83          | -27.15        |
| 886    | 11/5/2021  | 1          | 12       | 45.48      | Yes           | 18.83          | -26.65        |
| 887    | 11/5/2021  | 2          | 1        | 47.17      | Yes           | 18.83          | -28.34        |
| 888    | 11/5/2021  | 2          | 2        | 46.79      | Yes           | 18.83          | -27.96        |
| 889    | 11/5/2021  | 2          | 3        | 46.78      | Yes           | 18.83          | -27.95        |
| 890    | 11/5/2021  | 2          | 4        | 46.62      | Yes           | 18.83          | -27.79        |
| 891    | 11/5/2021  | 2          | 5        | 46.70      | Yes           | 18.83          | -27.87        |
| 892    | 11/5/2021  | 2          | 6        | 46.67      | Yes           | 18.83          | -27.84        |
| 893    | 11/5/2021  | 2          | 7        | 46.61      | Yes           | 18.83          | -27.78        |
| 894    | 11/5/2021  | 2          | 8        | 46.63      | Yes           | 18.83          | -27.80        |
| 895    | 11/5/2021  | 2          | 9        | 46.57      | Yes           | 18.83          | -27.74        |
| 896    | 11/5/2021  | 2          | 10       | 46.30      | Yes           | 18.83          | -27.47        |
| 897    | 11/5/2021  | 2          | 11       | 46.24      | Yes           | 18.83          | -27.41        |
| 898    | 11/5/2021  | 2          | 12       | 46.13      | Yes           | 18.83          | -27.30        |
| 899    | 11/5/2021  | 3          | 1        | 45.53      | Yes           | 18.83          | -26.70        |
| 900    | 11/5/2021  | 3          | 2        | 45.53      | Yes           | 18.83          | -26.70        |
| 901    | 11/5/2021  | 3          | 3        | 45.58      | Yes           | 18.83          | -26.75        |
| 902    | 11/5/2021  | 3          | 4        | 45.55      | Yes           | 18.83          | -26.72        |
| 903    | 11/5/2021  | 3          | 5        | 45.44      | Yes           | 18.83          | -26.61        |
| 904    | 11/5/2021  | 3          | 6        | 45.60      | Yes           | 18.83          | -26.77        |
| 905    | 11/5/2021  | 3          | 7        | 45.56      | Yes           | 18.83          | -26.73        |
| 906    | 11/5/2021  | 3          | 8        | 45.61      | Yes           | 18.83          | -26.78        |
| 907    | 11/5/2021  | 3          | 9        | 45.56      | Yes           | 18.83          | -26.73        |
| 908    | 11/5/2021  | 3          | 10       | 45.52      | Yes           | 18.83          | -26.69        |

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| 909    | 11/5/2021  | 3          | 11       | 45.55      | Yes           | 18.83          | -26.72        |
| 910    | 11/5/2021  | 3          | 12       | 45.77      | Yes           | 18.83          | -26.94        |
| 911    | 11/5/2021  | 4          | 1        | 46.07      | Yes           | 18.83          | -27.24        |
| 912    | 11/5/2021  | 4          | 2        | 46.52      | Yes           | 18.83          | -27.69        |
| 913    | 11/5/2021  | 4          | 3        | 46.52      | Yes           | 18.83          | -27.69        |
| 914    | 11/5/2021  | 4          | 4        | 46.51      | Yes           | 18.83          | -27.68        |
| 915    | 11/5/2021  | 4          | 5        | 47.06      | Yes           | 18.83          | -28.23        |
| 916    | 11/5/2021  | 4          | 6        | 47.06      | Yes           | 18.83          | -28.23        |
| 917    | 11/5/2021  | 4          | 7        | 46.66      | Yes           | 18.83          | -27.83        |
| 918    | 11/5/2021  | 4          | 8        | 47.39      | Yes           | 18.83          | -28.56        |
| 919    | 11/5/2021  | 4          | 9        | 47.61      | Yes           | 18.83          | -28.78        |
| 920    | 11/5/2021  | 4          | 10       | 47.69      | Yes           | 18.83          | -28.86        |
| 921    | 11/5/2021  | 4          | 11       | 47.69      | Yes           | 18.83          | -28.86        |
| 922    | 11/5/2021  | 4          | 12       | 48.00      | Yes           | 18.83          | -29.17        |
| 923    | 11/5/2021  | 5          | 1        | 47.34      | Yes           | 18.83          | -28.51        |
| 924    | 11/5/2021  | 5          | 2        | 47.38      | Yes           | 18.83          | -28.55        |
| 925    | 11/5/2021  | 5          | 3        | 47.65      | Yes           | 18.83          | -28.82        |
| 926    | 11/5/2021  | 5          | 4        | 48.13      | Yes           | 18.83          | -29.30        |
| 927    | 11/5/2021  | 5          | 5        | 48.89      | Yes           | 18.83          | -30.06        |
| 928    | 11/5/2021  | 5          | 6        | 49.61      | Yes           | 18.83          | -30.78        |
| 929    | 11/5/2021  | 5          | 7        | 50.32      | Yes           | 18.83          | -31.49        |
| 930    | 11/5/2021  | 5          | 8        | 50.48      | Yes           | 18.83          | -31.65        |
| 931    | 11/5/2021  | 5          | 9        | 50.55      | Yes           | 18.83          | -31.72        |
| 932    | 11/5/2021  | 5          | 10       | 51.02      | Yes           | 18.83          | -32.19        |
| 933    | 11/5/2021  | 5          | 11       | 51.11      | Yes           | 18.83          | -32.28        |
| 934    | 11/5/2021  | 5          | 12       | 51.11      | Yes           | 18.83          | -32.28        |
| 935    | 11/5/2021  | 6          | 1        | 49.10      | Yes           | 18.83          | -30.27        |
| 936    | 11/5/2021  | 6          | 2        | 50.52      | Yes           | 18.83          | -31.69        |
| 937    | 11/5/2021  | 6          | 3        | 51.13      | Yes           | 18.83          | -32.30        |
| 938    | 11/5/2021  | 6          | 4        | 51.72      | Yes           | 18.83          | -32.89        |
| 939    | 11/5/2021  | 6          | 5        | 53.15      | Yes           | 18.83          | -34.32        |
| 940    | 11/5/2021  | 6          | 6        | 53.76      | Yes           | 18.83          | -34.93        |
| 941    | 11/5/2021  | 6          | 7        | 54.42      | Yes           | 18.83          | -35.59        |
| 942    | 11/5/2021  | 6          | 8        | 56.87      | Yes           | 18.83          | -38.04        |
| 943    | 11/5/2021  | 6          | 9        | 59.08      | Yes           | 18.83          | -40.25        |
| 944    | 11/5/2021  | 6          | 10       | 60.88      | Yes           | 18.83          | -42.05        |
| 945    | 11/5/2021  | 6          | 11       | 60.58      | Yes           | 18.83          | -41.75        |
| 946    | 11/5/2021  | 6          | 12       | 59.66      | Yes           | 18.83          | -40.83        |

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| 947    | 11/5/2021  | 7          | 1        | 53.40      | Yes           | 18.83          | -34.57        |
| 948    | 11/5/2021  | 7          | 2        | 54.51      | Yes           | 18.83          | -35.68        |
| 949    | 11/5/2021  | 7          | 3        | 56.25      | Yes           | 18.83          | -37.42        |
| 950    | 11/5/2021  | 7          | 4        | 56.37      | Yes           | 18.83          | -37.54        |
| 951    | 11/5/2021  | 7          | 5        | 63.28      | Yes           | 18.83          | -44.45        |
| 952    | 11/5/2021  | 7          | 6        | 64.42      | Yes           | 18.83          | -45.59        |
| 953    | 11/5/2021  | 7          | 7        | 69.52      | Yes           | 18.83          | -50.69        |
| 954    | 11/5/2021  | 7          | 8        | 71.67      | Yes           | 18.83          | -52.84        |
| 955    | 11/5/2021  | 7          | 9        | 75.53      | Yes           | 18.83          | -56.70        |
| 956    | 11/5/2021  | 7          | 10       | 76.04      | Yes           | 18.83          | -57.21        |
| 957    | 11/5/2021  | 7          | 11       | 77.21      | Yes           | 18.83          | -58.38        |
| 958    | 11/5/2021  | 7          | 12       | 77.21      | Yes           | 18.83          | -58.38        |
| 959    | 11/5/2021  | 8          | 1        | 72.04      | Yes           | 18.83          | -53.21        |
| 960    | 11/5/2021  | 8          | 2        | 66.42      | Yes           | 18.83          | -47.59        |
| 961    | 11/5/2021  | 8          | 3        | 64.57      | Yes           | 18.83          | -45.74        |
| 962    | 11/5/2021  | 8          | 4        | 69.47      | Yes           | 18.83          | -50.64        |
| 963    | 11/5/2021  | 8          | 5        | 65.66      | Yes           | 18.83          | -46.83        |
| 964    | 11/5/2021  | 8          | 6        | 64.45      | Yes           | 18.83          | -45.62        |
| 965    | 11/5/2021  | 8          | 7        | 63.53      | Yes           | 18.83          | -44.70        |
| 966    | 11/5/2021  | 8          | 8        | 64.98      | Yes           | 18.83          | -46.15        |
| 967    | 11/5/2021  | 8          | 9        | 62.20      | Yes           | 18.83          | -43.37        |
| 968    | 11/5/2021  | 8          | 10       | 65.36      | Yes           | 18.83          | -46.53        |
| 969    | 11/5/2021  | 8          | 11       | 65.37      | Yes           | 18.83          | -46.54        |
| 970    | 11/5/2021  | 9          | 4        | 64.10      | Yes           | 18.83          | -45.27        |
| 971    | 11/5/2021  | 9          | 5        | 56.84      | Yes           | 18.83          | -38.01        |
| 972    | 11/5/2021  | 9          | 6        | 52.99      | Yes           | 18.83          | -34.16        |
| 973    | 11/5/2021  | 9          | 7        | 51.70      | Yes           | 18.83          | -32.87        |
| 974    | 11/5/2021  | 9          | 8        | 49.72      | Yes           | 18.83          | -30.89        |
| 975    | 11/5/2021  | 9          | 9        | 47.91      | Yes           | 18.83          | -29.08        |
| 976    | 11/5/2021  | 9          | 10       | 47.78      | Yes           | 18.83          | -28.95        |
| 977    | 11/5/2021  | 9          | 11       | 46.97      | Yes           | 18.83          | -28.14        |
| 978    | 11/5/2021  | 9          | 12       | 46.55      | Yes           | 18.83          | -27.72        |
| 979    | 11/5/2021  | 10         | 1        | 49.02      | Yes           | 18.83          | -30.19        |
| 980    | 11/5/2021  | 10         | 2        | 48.21      | Yes           | 18.83          | -29.38        |
| 981    | 11/5/2021  | 10         | 3        | 53.33      | Yes           | 18.83          | -34.50        |
| 982    | 11/5/2021  | 10         | 4        | 50.65      | Yes           | 18.83          | -31.82        |
| 983    | 11/5/2021  | 10         | 5        | 50.75      | Yes           | 18.83          | -31.92        |
| 984    | 11/5/2021  | 10         | 6        | 50.53      | Yes           | 18.83          | -31.70        |

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| 985    | 11/5/2021  | 10         | 7        | 50.45      | Yes           | 18.83          | -31.62        |
| 986    | 11/5/2021  | 10         | 8        | 48.24      | Yes           | 18.83          | -29.41        |
| 987    | 11/5/2021  | 10         | 9        | 46.55      | Yes           | 18.83          | -27.72        |
| 988    | 11/5/2021  | 10         | 10       | 43.85      | Yes           | 18.83          | -25.02        |
| 989    | 11/5/2021  | 10         | 11       | 37.10      | Yes           | 18.83          | -18.27        |
| 990    | 11/5/2021  | 10         | 12       | 40.32      | Yes           | 18.83          | -21.49        |
| 991    | 11/5/2021  | 11         | 1        | 46.16      | Yes           | 18.83          | -27.33        |
| 992    | 11/5/2021  | 11         | 2        | 44.67      | Yes           | 18.83          | -25.84        |
| 993    | 11/5/2021  | 11         | 3        | 41.23      | Yes           | 18.83          | -22.40        |
| 994    | 11/5/2021  | 11         | 4        | 31.62      | Yes           | 18.83          | -12.79        |
| 995    | 11/5/2021  | 11         | 5        | 27.35      | Yes           | 18.83          | -8.52         |
| 996    | 11/5/2021  | 11         | 6        | 18.96      | Yes           | 18.83          | -0.13         |
| 997    | 11/5/2021  | 11         | 7        | 27.20      | Yes           | 18.83          | -8.37         |
| 998    | 11/5/2021  | 11         | 8        | 21.54      | Yes           | 18.83          | -2.71         |
| 999    | 11/5/2021  | 11         | 9        | 21.54      | Yes           | 18.83          | -2.71         |
| 1000   | 11/5/2021  | 11         | 10       | 21.48      | Yes           | 18.83          | -2.65         |
| 1001   | 11/5/2021  | 11         | 11       | 21.48      | Yes           | 18.83          | -2.65         |
| 1002   | 11/5/2021  | 11         | 12       | 27.05      | Yes           | 18.83          | -8.22         |
| 1003   | 11/5/2021  | 12         | 1        | 27.80      | Yes           | 18.83          | -8.97         |
| 1004   | 11/5/2021  | 12         | 2        | 33.47      | Yes           | 18.83          | -14.64        |
| 1005   | 11/5/2021  | 12         | 3        | 33.42      | Yes           | 18.83          | -14.59        |
| 1006   | 11/5/2021  | 12         | 4        | 41.22      | Yes           | 18.83          | -22.39        |
| 1007   | 11/5/2021  | 12         | 5        | 39.01      | Yes           | 18.83          | -20.18        |
| 1008   | 11/5/2021  | 12         | 6        | 40.01      | Yes           | 18.83          | -21.18        |
| 1009   | 11/5/2021  | 12         | 7        | 32.81      | Yes           | 18.83          | -13.98        |
| 1010   | 11/5/2021  | 12         | 8        | 33.55      | Yes           | 18.83          | -14.72        |
| 1011   | 11/5/2021  | 12         | 9        | 32.81      | Yes           | 18.83          | -13.98        |
| 1012   | 11/5/2021  | 12         | 10       | 32.09      | Yes           | 18.83          | -13.26        |
| 1013   | 11/5/2021  | 12         | 11       | 30.73      | Yes           | 18.83          | -11.90        |
| 1014   | 11/5/2021  | 12         | 12       | 38.30      | Yes           | 18.83          | -19.47        |
| 1015   | 11/5/2021  | 13         | 1        | 35.23      | Yes           | 18.83          | -16.40        |
| 1016   | 11/5/2021  | 13         | 2        | 35.68      | Yes           | 18.83          | -16.85        |
| 1017   | 11/5/2021  | 13         | 3        | 35.68      | Yes           | 18.83          | -16.85        |
| 1018   | 11/5/2021  | 13         | 4        | 36.79      | Yes           | 18.83          | -17.96        |
| 1019   | 11/5/2021  | 13         | 5        | 36.20      | Yes           | 18.83          | -17.37        |
| 1020   | 11/5/2021  | 13         | 6        | 39.84      | Yes           | 18.83          | -21.01        |
| 1021   | 11/5/2021  | 13         | 7        | 31.96      | Yes           | 18.83          | -13.13        |
| 1022   | 11/5/2021  | 13         | 8        | 32.29      | Yes           | 18.83          | -13.46        |



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| 1023   | 11/5/2021  | 13         | 9        | 33.70      | Yes           | 18.83          | -14.87        |
| 1024   | 11/5/2021  | 13         | 10       | 32.56      | Yes           | 18.83          | -13.73        |
| 1025   | 11/5/2021  | 13         | 11       | 32.27      | Yes           | 18.83          | -13.44        |
| 1026   | 11/5/2021  | 13         | 12       | 35.11      | Yes           | 18.83          | -16.28        |
| 1027   | 11/5/2021  | 14         | 1        | 34.74      | Yes           | 18.83          | -15.91        |
| 1028   | 11/5/2021  | 14         | 2        | 34.56      | Yes           | 18.83          | -15.73        |
| 1029   | 11/5/2021  | 14         | 3        | 34.74      | Yes           | 18.83          | -15.91        |
| 1030   | 11/5/2021  | 14         | 4        | 34.04      | Yes           | 18.83          | -15.21        |
| 1031   | 11/5/2021  | 14         | 5        | 33.77      | Yes           | 18.83          | -14.94        |
| 1032   | 11/5/2021  | 14         | 6        | 35.19      | Yes           | 18.83          | -16.36        |
| 1033   | 11/5/2021  | 14         | 7        | 36.74      | Yes           | 18.83          | -17.91        |
| 1034   | 11/5/2021  | 14         | 8        | 36.51      | Yes           | 18.83          | -17.68        |
| 1035   | 11/5/2021  | 14         | 9        | 37.52      | Yes           | 18.83          | -18.69        |
| 1036   | 11/5/2021  | 14         | 10       | 35.58      | Yes           | 18.83          | -16.75        |
| 1037   | 11/5/2021  | 14         | 11       | 35.59      | Yes           | 18.83          | -16.76        |
| 1038   | 11/5/2021  | 14         | 12       | 35.73      | Yes           | 18.83          | -16.90        |
| 1039   | 11/5/2021  | 15         | 1        | 35.11      | Yes           | 18.83          | -16.28        |
| 1040   | 11/5/2021  | 15         | 2        | 37.82      | Yes           | 18.83          | -18.99        |
| 1041   | 11/5/2021  | 15         | 3        | 37.33      | Yes           | 18.83          | -18.50        |
| 1042   | 11/5/2021  | 15         | 4        | 36.12      | Yes           | 18.83          | -17.29        |
| 1043   | 11/5/2021  | 15         | 5        | 35.23      | Yes           | 18.83          | -16.40        |
| 1044   | 11/5/2021  | 15         | 6        | 35.56      | Yes           | 18.83          | -16.73        |
| 1045   | 11/5/2021  | 15         | 7        | 36.66      | Yes           | 18.83          | -17.83        |
| 1046   | 11/5/2021  | 15         | 8        | 36.94      | Yes           | 18.83          | -18.11        |
| 1047   | 11/5/2021  | 15         | 9        | 36.98      | Yes           | 18.83          | -18.15        |
| 1048   | 11/5/2021  | 15         | 10       | 38.52      | Yes           | 18.83          | -19.69        |
| 1049   | 11/5/2021  | 15         | 11       | 41.15      | Yes           | 18.83          | -22.32        |
| 1050   | 11/5/2021  | 15         | 12       | 44.93      | Yes           | 18.83          | -26.10        |
| 1051   | 11/5/2021  | 16         | 1        | 44.93      | Yes           | 18.83          | -26.10        |
| 1052   | 11/5/2021  | 16         | 2        | 44.93      | Yes           | 18.83          | -26.10        |
| 1053   | 11/5/2021  | 16         | 3        | 44.93      | Yes           | 18.83          | -26.10        |
| 1054   | 11/5/2021  | 16         | 4        | 44.93      | Yes           | 18.83          | -26.10        |
| 1055   | 11/5/2021  | 16         | 5        | 44.93      | Yes           | 18.83          | -26.10        |
| 1056   | 11/5/2021  | 16         | 6        | 44.93      | Yes           | 18.83          | -26.10        |
| 1057   | 11/5/2021  | 16         | 7        | 44.93      | Yes           | 18.83          | -26.10        |
| 1058   | 11/5/2021  | 16         | 8        | 44.93      | Yes           | 18.83          | -26.10        |
| 1059   | 11/5/2021  | 16         | 9        | 44.93      | Yes           | 18.83          | -26.10        |
| 1060   | 11/5/2021  | 16         | 10       | 44.93      | Yes           | 18.83          | -26.10        |

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| 1061   | 11/5/2021  | 16         | 11       | 44.93      | Yes           | 18.83          | -26.10        |
| 1062   | 11/5/2021  | 16         | 12       | 44.93      | Yes           | 18.83          | -26.10        |
| 1063   | 11/5/2021  | 17         | 1        | 44.93      | Yes           | 18.83          | -26.10        |
| 1064   | 11/5/2021  | 17         | 2        | 44.93      | Yes           | 18.83          | -26.10        |
| 1065   | 11/5/2021  | 17         | 3        | 44.93      | Yes           | 18.83          | -26.10        |
| 1066   | 11/5/2021  | 17         | 4        | 44.93      | Yes           | 18.83          | -26.10        |
| 1067   | 11/5/2021  | 17         | 5        | 44.93      | Yes           | 18.83          | -26.10        |
| 1068   | 11/5/2021  | 17         | 6        | 44.93      | Yes           | 18.83          | -26.10        |
| 1069   | 11/5/2021  | 17         | 7        | 44.93      | Yes           | 18.83          | -26.10        |
| 1070   | 11/5/2021  | 17         | 8        | 44.93      | Yes           | 18.83          | -26.10        |
| 1071   | 11/5/2021  | 17         | 9        | 44.93      | Yes           | 18.83          | -26.10        |
| 1072   | 11/5/2021  | 17         | 10       | 44.93      | Yes           | 18.83          | -26.10        |
| 1073   | 11/5/2021  | 17         | 11       | 44.93      | Yes           | 18.83          | -26.10        |
| 1074   | 11/5/2021  | 17         | 12       | 44.93      | Yes           | 18.83          | -26.10        |
| 1075   | 11/5/2021  | 18         | 1        | 48.38      | Yes           | 18.83          | -29.55        |
| 1076   | 11/5/2021  | 18         | 2        | 48.40      | Yes           | 18.83          | -29.57        |
| 1077   | 11/5/2021  | 18         | 3        | 48.95      | Yes           | 18.83          | -30.12        |
| 1078   | 11/5/2021  | 18         | 4        | 49.47      | Yes           | 18.83          | -30.64        |
| 1079   | 11/5/2021  | 18         | 5        | 50.70      | Yes           | 18.83          | -31.87        |
| 1080   | 11/5/2021  | 18         | 6        | 53.64      | Yes           | 18.83          | -34.81        |
| 1081   | 11/5/2021  | 18         | 7        | 59.56      | Yes           | 18.83          | -40.73        |
| 1082   | 11/5/2021  | 18         | 8        | 63.88      | Yes           | 18.83          | -45.05        |
| 1083   | 11/5/2021  | 18         | 9        | 68.45      | Yes           | 18.83          | -49.62        |
| 1084   | 11/5/2021  | 18         | 10       | 71.94      | Yes           | 18.83          | -53.11        |
| 1085   | 11/5/2021  | 18         | 11       | 74.61      | Yes           | 18.83          | -55.78        |
| 1086   | 11/5/2021  | 18         | 12       | 75.88      | Yes           | 18.83          | -57.05        |
| 1087   | 11/5/2021  | 19         | 1        | 51.27      | Yes           | 18.83          | -32.44        |
| 1088   | 11/5/2021  | 19         | 2        | 50.28      | Yes           | 18.83          | -31.45        |
| 1089   | 11/5/2021  | 19         | 3        | 54.76      | Yes           | 18.83          | -35.93        |
| 1090   | 11/5/2021  | 19         | 4        | 58.20      | Yes           | 18.83          | -39.37        |
| 1091   | 11/5/2021  | 19         | 5        | 59.25      | Yes           | 18.83          | -40.42        |
| 1092   | 11/5/2021  | 19         | 6        | 58.83      | Yes           | 18.83          | -40.00        |
| 1093   | 11/5/2021  | 19         | 7        | 61.45      | Yes           | 18.83          | -42.62        |
| 1094   | 11/5/2021  | 19         | 8        | 60.60      | Yes           | 18.83          | -41.77        |
| 1095   | 11/5/2021  | 19         | 9        | 57.01      | Yes           | 18.83          | -38.18        |
| 1096   | 11/5/2021  | 19         | 10       | 56.58      | Yes           | 18.83          | -37.75        |
| 1097   | 11/5/2021  | 19         | 11       | 52.69      | Yes           | 18.83          | -33.86        |
| 1098   | 11/5/2021  | 19         | 12       | 52.15      | Yes           | 18.83          | -33.32        |

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| 1099   | 11/5/2021  | 20         | 1        | 62.27      | Yes           | 18.83          | -43.44        |
| 1100   | 11/5/2021  | 20         | 2        | 59.14      | Yes           | 18.83          | -40.31        |
| 1101   | 11/5/2021  | 20         | 3        | 58.45      | Yes           | 18.83          | -39.62        |
| 1102   | 11/5/2021  | 20         | 4        | 58.25      | Yes           | 18.83          | -39.42        |
| 1103   | 11/5/2021  | 20         | 5        | 57.11      | Yes           | 18.83          | -38.28        |
| 1104   | 11/5/2021  | 20         | 6        | 56.17      | Yes           | 18.83          | -37.34        |
| 1105   | 11/5/2021  | 20         | 7        | 55.06      | Yes           | 18.83          | -36.23        |
| 1106   | 11/5/2021  | 20         | 8        | 54.12      | Yes           | 18.83          | -35.29        |
| 1107   | 11/5/2021  | 20         | 9        | 53.89      | Yes           | 18.83          | -35.06        |
| 1108   | 11/5/2021  | 20         | 10       | 53.60      | Yes           | 18.83          | -34.77        |
| 1109   | 11/5/2021  | 20         | 11       | 53.33      | Yes           | 18.83          | -34.50        |
| 1110   | 11/5/2021  | 20         | 12       | 51.79      | Yes           | 18.83          | -32.96        |
| 1111   | 11/5/2021  | 21         | 1        | 58.10      | Yes           | 18.83          | -39.27        |
| 1112   | 11/5/2021  | 21         | 2        | 59.66      | Yes           | 18.83          | -40.83        |
| 1113   | 11/5/2021  | 21         | 3        | 60.18      | Yes           | 18.83          | -41.35        |
| 1114   | 11/5/2021  | 21         | 4        | 57.29      | Yes           | 18.83          | -38.46        |
| 1115   | 11/5/2021  | 21         | 5        | 57.04      | Yes           | 18.83          | -38.21        |
| 1116   | 11/5/2021  | 21         | 6        | 56.78      | Yes           | 18.83          | -37.95        |
| 1117   | 11/5/2021  | 21         | 7        | 56.23      | Yes           | 18.83          | -37.40        |
| 1118   | 11/5/2021  | 21         | 8        | 55.83      | Yes           | 18.83          | -37.00        |
| 1119   | 11/5/2021  | 21         | 9        | 53.93      | Yes           | 18.83          | -35.10        |
| 1120   | 11/5/2021  | 21         | 10       | 60.01      | Yes           | 18.83          | -41.18        |
| 1121   | 11/5/2021  | 21         | 11       | 59.86      | Yes           | 18.83          | -41.03        |
| 1122   | 11/5/2021  | 21         | 12       | 56.63      | Yes           | 18.83          | -37.80        |
| 1123   | 11/5/2021  | 22         | 1        | 56.12      | Yes           | 18.83          | -37.29        |
| 1124   | 11/5/2021  | 22         | 2        | 55.26      | Yes           | 18.83          | -36.43        |
| 1125   | 11/5/2021  | 22         | 3        | 53.63      | Yes           | 18.83          | -34.80        |
| 1126   | 11/5/2021  | 22         | 4        | 53.59      | Yes           | 18.83          | -34.76        |
| 1127   | 11/5/2021  | 22         | 5        | 55.41      | Yes           | 18.83          | -36.58        |
| 1128   | 11/5/2021  | 22         | 6        | 60.90      | Yes           | 18.83          | -42.07        |
| 1129   | 11/5/2021  | 22         | 7        | 62.55      | Yes           | 18.83          | -43.72        |
| 1130   | 11/5/2021  | 22         | 8        | 60.85      | Yes           | 18.83          | -42.02        |
| 1131   | 11/5/2021  | 22         | 9        | 57.20      | Yes           | 18.83          | -38.37        |
| 1132   | 11/5/2021  | 22         | 10       | 56.69      | Yes           | 18.83          | -37.86        |
| 1133   | 11/5/2021  | 22         | 11       | 57.19      | Yes           | 18.83          | -38.36        |
| 1134   | 11/5/2021  | 22         | 12       | 59.50      | Yes           | 18.83          | -40.67        |
| 1135   | 11/5/2021  | 23         | 1        | 62.78      | Yes           | 18.83          | -43.95        |
| 1136   | 11/5/2021  | 23         | 2        | 64.17      | Yes           | 18.83          | -45.34        |

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| 1137   | 11/5/2021  | 23         | 3        | 63.78      | Yes           | 18.83          | -44.95        |
| 1138   | 11/5/2021  | 23         | 4        | 62.53      | Yes           | 18.83          | -43.70        |
| 1139   | 11/5/2021  | 23         | 5        | 58.01      | Yes           | 18.83          | -39.18        |
| 1140   | 11/5/2021  | 23         | 6        | 58.88      | Yes           | 18.83          | -40.05        |
| 1141   | 11/5/2021  | 23         | 7        | 58.06      | Yes           | 18.83          | -39.23        |
| 1142   | 11/5/2021  | 23         | 8        | 58.48      | Yes           | 18.83          | -39.65        |
| 1143   | 11/5/2021  | 23         | 9        | 55.84      | Yes           | 18.83          | -37.01        |
| 1144   | 11/5/2021  | 23         | 10       | 54.40      | Yes           | 18.83          | -35.57        |
| 1145   | 11/5/2021  | 23         | 11       | 53.19      | Yes           | 18.83          | -34.36        |
| 1146   | 11/5/2021  | 23         | 12       | 54.84      | Yes           | 18.83          | -36.01        |
| 1147   | 11/5/2021  | 24         | 1        | 59.81      | Yes           | 18.83          | -40.98        |
| 1148   | 11/5/2021  | 24         | 2        | 59.45      | Yes           | 18.83          | -40.62        |
| 1149   | 11/5/2021  | 24         | 3        | 59.76      | Yes           | 18.83          | -40.93        |
| 1150   | 11/5/2021  | 24         | 4        | 55.62      | Yes           | 18.83          | -36.79        |
| 1151   | 11/5/2021  | 24         | 5        | 55.51      | Yes           | 18.83          | -36.68        |
| 1152   | 11/5/2021  | 24         | 6        | 54.26      | Yes           | 18.83          | -35.43        |
| 1153   | 11/5/2021  | 24         | 7        | 53.48      | Yes           | 18.83          | -34.65        |
| 1154   | 11/5/2021  | 24         | 8        | 51.58      | Yes           | 18.83          | -32.75        |
| 1155   | 11/5/2021  | 24         | 9        | 50.78      | Yes           | 18.83          | -31.95        |
| 1156   | 11/5/2021  | 24         | 10       | 51.05      | Yes           | 18.83          | -32.22        |
| 1157   | 11/5/2021  | 24         | 11       | 50.50      | Yes           | 18.83          | -31.67        |
| 1158   | 11/5/2021  | 24         | 12       | 50.15      | Yes           | 18.83          | -31.32        |
| 1159   | 11/6/2021  | 1          | 1        | 54.97      | Yes           | 19.27          | -35.70        |
| 1160   | 11/6/2021  | 1          | 2        | 54.41      | Yes           | 19.27          | -35.14        |
| 1161   | 11/6/2021  | 1          | 3        | 53.26      | Yes           | 19.27          | -33.99        |
| 1162   | 11/6/2021  | 1          | 4        | 51.89      | Yes           | 19.27          | -32.62        |
| 1163   | 11/6/2021  | 1          | 5        | 50.09      | Yes           | 19.27          | -30.82        |
| 1164   | 11/6/2021  | 1          | 6        | 50.62      | Yes           | 19.27          | -31.35        |
| 1165   | 11/6/2021  | 1          | 7        | 53.66      | Yes           | 19.27          | -34.39        |
| 1166   | 11/6/2021  | 1          | 8        | 52.98      | Yes           | 19.27          | -33.71        |
| 1167   | 11/6/2021  | 1          | 9        | 52.74      | Yes           | 19.27          | -33.47        |
| 1168   | 11/6/2021  | 1          | 10       | 51.94      | Yes           | 19.27          | -32.67        |
| 1169   | 11/6/2021  | 1          | 11       | 51.96      | Yes           | 19.27          | -32.69        |
| 1170   | 11/6/2021  | 1          | 12       | 51.49      | Yes           | 19.27          | -32.22        |
| 1171   | 11/6/2021  | 2          | 1        | 52.21      | Yes           | 19.27          | -32.94        |
| 1172   | 11/6/2021  | 2          | 2        | 52.21      | Yes           | 19.27          | -32.94        |
| 1173   | 11/6/2021  | 2          | 3        | 52.57      | Yes           | 19.27          | -33.30        |
| 1174   | 11/6/2021  | 2          | 4        | 51.93      | Yes           | 19.27          | -32.66        |

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| 1175   | 11/6/2021  | 2          | 5        | 51.37      | Yes           | 19.27          | -32.10        |
| 1176   | 11/6/2021  | 2          | 6        | 51.49      | Yes           | 19.27          | -32.22        |
| 1177   | 11/6/2021  | 2          | 7        | 51.57      | Yes           | 19.27          | -32.30        |
| 1178   | 11/6/2021  | 2          | 8        | 50.88      | Yes           | 19.27          | -31.61        |
| 1179   | 11/6/2021  | 2          | 9        | 50.72      | Yes           | 19.27          | -31.45        |
| 1180   | 11/6/2021  | 2          | 10       | 50.19      | Yes           | 19.27          | -30.92        |
| 1181   | 11/6/2021  | 2          | 11       | 50.05      | Yes           | 19.27          | -30.78        |
| 1182   | 11/6/2021  | 2          | 12       | 50.81      | Yes           | 19.27          | -31.54        |
| 1183   | 11/6/2021  | 3          | 1        | 54.07      | Yes           | 19.27          | -34.80        |
| 1184   | 11/6/2021  | 3          | 2        | 53.68      | Yes           | 19.27          | -34.41        |
| 1185   | 11/6/2021  | 3          | 3        | 54.07      | Yes           | 19.27          | -34.80        |
| 1186   | 11/6/2021  | 3          | 4        | 53.88      | Yes           | 19.27          | -34.61        |
| 1187   | 11/6/2021  | 3          | 5        | 53.88      | Yes           | 19.27          | -34.61        |
| 1188   | 11/6/2021  | 3          | 6        | 53.88      | Yes           | 19.27          | -34.61        |
| 1189   | 11/6/2021  | 3          | 7        | 53.73      | Yes           | 19.27          | -34.46        |
| 1190   | 11/6/2021  | 3          | 8        | 53.72      | Yes           | 19.27          | -34.45        |
| 1191   | 11/6/2021  | 3          | 9        | 53.72      | Yes           | 19.27          | -34.45        |
| 1192   | 11/6/2021  | 3          | 10       | 53.71      | Yes           | 19.27          | -34.44        |
| 1193   | 11/6/2021  | 3          | 11       | 53.71      | Yes           | 19.27          | -34.44        |
| 1194   | 11/6/2021  | 3          | 12       | 53.19      | Yes           | 19.27          | -33.92        |
| 1195   | 11/6/2021  | 4          | 1        | 53.19      | Yes           | 19.27          | -33.92        |
| 1196   | 11/6/2021  | 4          | 2        | 52.90      | Yes           | 19.27          | -33.63        |
| 1197   | 11/6/2021  | 4          | 3        | 53.19      | Yes           | 19.27          | -33.92        |
| 1198   | 11/6/2021  | 4          | 4        | 52.11      | Yes           | 19.27          | -32.84        |
| 1199   | 11/6/2021  | 4          | 5        | 51.82      | Yes           | 19.27          | -32.55        |
| 1200   | 11/6/2021  | 4          | 6        | 52.26      | Yes           | 19.27          | -32.99        |
| 1201   | 11/6/2021  | 4          | 7        | 52.38      | Yes           | 19.27          | -33.11        |
| 1202   | 11/6/2021  | 4          | 8        | 52.38      | Yes           | 19.27          | -33.11        |
| 1203   | 11/6/2021  | 4          | 9        | 51.72      | Yes           | 19.27          | -32.45        |
| 1204   | 11/6/2021  | 4          | 10       | 50.86      | Yes           | 19.27          | -31.59        |
| 1205   | 11/6/2021  | 4          | 11       | 49.75      | Yes           | 19.27          | -30.48        |
| 1206   | 11/6/2021  | 4          | 12       | 49.52      | Yes           | 19.27          | -30.25        |
| 1207   | 11/6/2021  | 5          | 1        | 49.69      | Yes           | 19.27          | -30.42        |
| 1208   | 11/6/2021  | 5          | 2        | 49.69      | Yes           | 19.27          | -30.42        |
| 1209   | 11/6/2021  | 5          | 3        | 50.22      | Yes           | 19.27          | -30.95        |
| 1210   | 11/6/2021  | 5          | 4        | 49.66      | Yes           | 19.27          | -30.39        |
| 1211   | 11/6/2021  | 5          | 5        | 50.18      | Yes           | 19.27          | -30.91        |
| 1212   | 11/6/2021  | 5          | 6        | 50.39      | Yes           | 19.27          | -31.12        |

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| 1213   | 11/6/2021  | 5          | 7        | 50.64      | Yes           | 19.27          | -31.37        |
| 1214   | 11/6/2021  | 5          | 8        | 50.64      | Yes           | 19.27          | -31.37        |
| 1215   | 11/6/2021  | 5          | 9        | 50.80      | Yes           | 19.27          | -31.53        |
| 1216   | 11/6/2021  | 5          | 10       | 51.13      | Yes           | 19.27          | -31.86        |
| 1217   | 11/6/2021  | 5          | 11       | 51.13      | Yes           | 19.27          | -31.86        |
| 1218   | 11/6/2021  | 5          | 12       | 52.22      | Yes           | 19.27          | -32.95        |
| 1219   | 11/6/2021  | 6          | 1        | 51.63      | Yes           | 19.27          | -32.36        |
| 1220   | 11/6/2021  | 6          | 2        | 51.97      | Yes           | 19.27          | -32.70        |
| 1221   | 11/6/2021  | 6          | 3        | 52.81      | Yes           | 19.27          | -33.54        |
| 1222   | 11/6/2021  | 6          | 4        | 54.03      | Yes           | 19.27          | -34.76        |
| 1223   | 11/6/2021  | 6          | 5        | 54.16      | Yes           | 19.27          | -34.89        |
| 1224   | 11/6/2021  | 6          | 6        | 54.30      | Yes           | 19.27          | -35.03        |
| 1225   | 11/6/2021  | 6          | 7        | 54.29      | Yes           | 19.27          | -35.02        |
| 1226   | 11/6/2021  | 6          | 8        | 56.27      | Yes           | 19.27          | -37.00        |
| 1227   | 11/6/2021  | 6          | 9        | 55.85      | Yes           | 19.27          | -36.58        |
| 1228   | 11/6/2021  | 6          | 10       | 55.74      | Yes           | 19.27          | -36.47        |
| 1229   | 11/6/2021  | 6          | 11       | 55.74      | Yes           | 19.27          | -36.47        |
| 1230   | 11/6/2021  | 6          | 12       | 55.30      | Yes           | 19.27          | -36.03        |
| 1231   | 11/6/2021  | 7          | 1        | 53.75      | Yes           | 19.27          | -34.48        |
| 1232   | 11/6/2021  | 7          | 2        | 53.91      | Yes           | 19.27          | -34.64        |
| 1233   | 11/6/2021  | 7          | 3        | 54.03      | Yes           | 19.27          | -34.76        |
| 1234   | 11/6/2021  | 7          | 4        | 55.10      | Yes           | 19.27          | -35.83        |
| 1235   | 11/6/2021  | 7          | 5        | 55.10      | Yes           | 19.27          | -35.83        |
| 1236   | 11/6/2021  | 7          | 6        | 55.17      | Yes           | 19.27          | -35.90        |
| 1237   | 11/6/2021  | 7          | 7        | 55.35      | Yes           | 19.27          | -36.08        |
| 1238   | 11/6/2021  | 7          | 8        | 55.62      | Yes           | 19.27          | -36.35        |
| 1239   | 11/6/2021  | 7          | 9        | 57.95      | Yes           | 19.27          | -38.68        |
| 1240   | 11/6/2021  | 7          | 10       | 61.86      | Yes           | 19.27          | -42.59        |
| 1241   | 11/6/2021  | 7          | 11       | 62.68      | Yes           | 19.27          | -43.41        |
| 1242   | 11/6/2021  | 7          | 12       | 65.78      | Yes           | 19.27          | -46.51        |
| 1243   | 11/6/2021  | 8          | 1        | 63.65      | Yes           | 19.27          | -44.38        |
| 1244   | 11/6/2021  | 8          | 2        | 64.18      | Yes           | 19.27          | -44.91        |
| 1245   | 11/6/2021  | 8          | 3        | 63.71      | Yes           | 19.27          | -44.44        |
| 1246   | 11/6/2021  | 8          | 4        | 63.85      | Yes           | 19.27          | -44.58        |
| 1247   | 11/6/2021  | 8          | 5        | 64.54      | Yes           | 19.27          | -45.27        |
| 1248   | 11/6/2021  | 8          | 6        | 63.49      | Yes           | 19.27          | -44.22        |
| 1249   | 11/6/2021  | 8          | 7        | 66.20      | Yes           | 19.27          | -46.93        |
| 1250   | 11/6/2021  | 8          | 8        | 66.57      | Yes           | 19.27          | -47.30        |

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| 1251   | 11/6/2021  | 8          | 9        | 64.37      | Yes           | 19.27          | -45.10        |
| 1252   | 11/6/2021  | 8          | 10       | 62.40      | Yes           | 19.27          | -43.13        |
| 1253   | 11/6/2021  | 8          | 11       | 61.07      | Yes           | 19.27          | -41.80        |
| 1254   | 11/6/2021  | 8          | 12       | 59.66      | Yes           | 19.27          | -40.39        |
| 1255   | 11/6/2021  | 9          | 1        | 66.77      | Yes           | 19.27          | -47.50        |
| 1256   | 11/6/2021  | 9          | 2        | 68.03      | Yes           | 19.27          | -48.76        |
| 1257   | 11/6/2021  | 9          | 3        | 67.54      | Yes           | 19.27          | -48.27        |
| 1258   | 11/6/2021  | 9          | 4        | 64.69      | Yes           | 19.27          | -45.42        |
| 1259   | 11/6/2021  | 9          | 5        | 62.44      | Yes           | 19.27          | -43.17        |
| 1260   | 11/6/2021  | 9          | 6        | 60.72      | Yes           | 19.27          | -41.45        |
| 1261   | 11/6/2021  | 9          | 7        | 56.30      | Yes           | 19.27          | -37.03        |
| 1262   | 11/6/2021  | 9          | 8        | 56.08      | Yes           | 19.27          | -36.81        |
| 1263   | 11/6/2021  | 9          | 9        | 53.49      | Yes           | 19.27          | -34.22        |
| 1264   | 11/6/2021  | 9          | 10       | 52.24      | Yes           | 19.27          | -32.97        |
| 1265   | 11/6/2021  | 9          | 11       | 50.44      | Yes           | 19.27          | -31.17        |
| 1266   | 11/6/2021  | 9          | 12       | 39.64      | Yes           | 19.27          | -20.37        |
| 1267   | 11/6/2021  | 10         | 1        | 52.58      | Yes           | 19.27          | -33.31        |
| 1268   | 11/6/2021  | 10         | 2        | 52.95      | Yes           | 19.27          | -33.68        |
| 1269   | 11/6/2021  | 10         | 3        | 53.58      | Yes           | 19.27          | -34.31        |
| 1270   | 11/6/2021  | 10         | 4        | 56.25      | Yes           | 19.27          | -36.98        |
| 1271   | 11/6/2021  | 10         | 5        | 57.33      | Yes           | 19.27          | -38.06        |
| 1272   | 11/6/2021  | 10         | 6        | 59.35      | Yes           | 19.27          | -40.08        |
| 1273   | 11/6/2021  | 10         | 7        | 58.91      | Yes           | 19.27          | -39.64        |
| 1274   | 11/6/2021  | 10         | 8        | 56.53      | Yes           | 19.27          | -37.26        |
| 1275   | 11/6/2021  | 10         | 9        | 54.26      | Yes           | 19.27          | -34.99        |
| 1276   | 11/6/2021  | 10         | 10       | 56.95      | Yes           | 19.27          | -37.68        |
| 1277   | 11/6/2021  | 10         | 11       | 48.97      | Yes           | 19.27          | -29.70        |
| 1278   | 11/6/2021  | 10         | 12       | 44.25      | Yes           | 19.27          | -24.98        |
| 1279   | 11/6/2021  | 11         | 1        | 61.75      | Yes           | 19.27          | -42.48        |
| 1280   | 11/6/2021  | 11         | 2        | 57.90      | Yes           | 19.27          | -38.63        |
| 1281   | 11/6/2021  | 11         | 3        | 57.07      | Yes           | 19.27          | -37.80        |
| 1282   | 11/6/2021  | 11         | 4        | 53.28      | Yes           | 19.27          | -34.01        |
| 1283   | 11/6/2021  | 11         | 5        | 39.00      | Yes           | 19.27          | -19.73        |
| 1284   | 11/6/2021  | 11         | 6        | 43.31      | Yes           | 19.27          | -24.04        |
| 1285   | 11/6/2021  | 11         | 7        | 38.73      | Yes           | 19.27          | -19.46        |
| 1286   | 11/6/2021  | 11         | 8        | 33.89      | Yes           | 19.27          | -14.62        |
| 1287   | 11/6/2021  | 11         | 9        | 36.58      | Yes           | 19.27          | -17.31        |
| 1288   | 11/6/2021  | 11         | 10       | 36.08      | Yes           | 19.27          | -16.81        |

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| 1289   | 11/6/2021  | 11         | 11       | 34.80      | Yes           | 19.27          | -15.53        |
| 1290   | 11/6/2021  | 11         | 12       | 31.27      | Yes           | 19.27          | -12.00        |
| 1291   | 11/6/2021  | 12         | 1        | 33.25      | Yes           | 19.27          | -13.98        |
| 1292   | 11/6/2021  | 12         | 2        | 33.19      | Yes           | 19.27          | -13.92        |
| 1293   | 11/6/2021  | 12         | 3        | 33.25      | Yes           | 19.27          | -13.98        |
| 1294   | 11/6/2021  | 12         | 4        | 47.10      | Yes           | 19.27          | -27.83        |
| 1295   | 11/6/2021  | 12         | 5        | 47.21      | Yes           | 19.27          | -27.94        |
| 1296   | 11/6/2021  | 12         | 6        | 46.51      | Yes           | 19.27          | -27.24        |
| 1297   | 11/6/2021  | 12         | 7        | 48.68      | Yes           | 19.27          | -29.41        |
| 1298   | 11/6/2021  | 12         | 8        | 48.59      | Yes           | 19.27          | -29.32        |
| 1299   | 11/6/2021  | 12         | 9        | 49.81      | Yes           | 19.27          | -30.54        |
| 1300   | 11/6/2021  | 12         | 10       | 46.87      | Yes           | 19.27          | -27.60        |
| 1301   | 11/6/2021  | 12         | 11       | 43.98      | Yes           | 19.27          | -24.71        |
| 1302   | 11/6/2021  | 12         | 12       | 42.50      | Yes           | 19.27          | -23.23        |
| 1303   | 11/6/2021  | 13         | 1        | 43.91      | Yes           | 19.27          | -24.64        |
| 1304   | 11/6/2021  | 13         | 2        | 44.69      | Yes           | 19.27          | -25.42        |
| 1305   | 11/6/2021  | 13         | 3        | 45.02      | Yes           | 19.27          | -25.75        |
| 1306   | 11/6/2021  | 13         | 4        | 37.80      | Yes           | 19.27          | -18.53        |
| 1307   | 11/6/2021  | 13         | 5        | 42.35      | Yes           | 19.27          | -23.08        |
| 1308   | 11/6/2021  | 13         | 6        | 41.93      | Yes           | 19.27          | -22.66        |
| 1309   | 11/6/2021  | 13         | 7        | 48.64      | Yes           | 19.27          | -29.37        |
| 1310   | 11/6/2021  | 13         | 8        | 49.73      | Yes           | 19.27          | -30.46        |
| 1311   | 11/6/2021  | 13         | 9        | 49.73      | Yes           | 19.27          | -30.46        |
| 1312   | 11/6/2021  | 13         | 10       | 44.01      | Yes           | 19.27          | -24.74        |
| 1313   | 11/6/2021  | 13         | 11       | 45.34      | Yes           | 19.27          | -26.07        |
| 1314   | 11/6/2021  | 13         | 12       | 45.34      | Yes           | 19.27          | -26.07        |
| 1315   | 11/6/2021  | 14         | 1        | 40.35      | Yes           | 19.27          | -21.08        |
| 1316   | 11/6/2021  | 14         | 2        | 40.76      | Yes           | 19.27          | -21.49        |
| 1317   | 11/6/2021  | 14         | 3        | 32.64      | Yes           | 19.27          | -13.37        |
| 1318   | 11/6/2021  | 14         | 4        | 32.47      | Yes           | 19.27          | -13.20        |
| 1319   | 11/6/2021  | 14         | 5        | 32.12      | Yes           | 19.27          | -12.85        |
| 1320   | 11/6/2021  | 14         | 6        | 28.75      | Yes           | 19.27          | -9.48         |
| 1321   | 11/6/2021  | 14         | 7        | 28.86      | Yes           | 19.27          | -9.59         |
| 1322   | 11/6/2021  | 14         | 8        | 43.58      | Yes           | 19.27          | -24.31        |
| 1323   | 11/6/2021  | 14         | 9        | 39.46      | Yes           | 19.27          | -20.19        |
| 1324   | 11/6/2021  | 14         | 10       | 25.80      | Yes           | 19.27          | -6.53         |
| 1325   | 11/6/2021  | 14         | 11       | 25.37      | Yes           | 19.27          | -6.10         |
| 1326   | 11/6/2021  | 14         | 12       | 20.41      | Yes           | 19.27          | -1.14         |



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| 1327   | 11/6/2021  | 15         | 1        | 24.27      | Yes           | 19.27          | -5.00         |
| 1328   | 11/6/2021  | 15         | 2        | 24.43      | Yes           | 19.27          | -5.16         |
| 1329   | 11/6/2021  | 15         | 3        | 24.43      | Yes           | 19.27          | -5.16         |
| 1330   | 11/6/2021  | 15         | 4        | 27.24      | Yes           | 19.27          | -7.97         |
| 1331   | 11/6/2021  | 15         | 5        | 23.45      | Yes           | 19.27          | -4.18         |
| 1332   | 11/6/2021  | 15         | 6        | 27.24      | Yes           | 19.27          | -7.97         |
| 1333   | 11/6/2021  | 15         | 7        | 25.35      | Yes           | 19.27          | -6.08         |
| 1334   | 11/6/2021  | 15         | 8        | 29.96      | Yes           | 19.27          | -10.69        |
| 1335   | 11/6/2021  | 15         | 9        | 32.36      | Yes           | 19.27          | -13.09        |
| 1336   | 11/6/2021  | 15         | 10       | 35.36      | Yes           | 19.27          | -16.09        |
| 1337   | 11/6/2021  | 15         | 11       | 35.93      | Yes           | 19.27          | -16.66        |
| 1338   | 11/6/2021  | 15         | 12       | 44.74      | Yes           | 19.27          | -25.47        |
| 1339   | 11/6/2021  | 16         | 1        | 38.89      | Yes           | 19.27          | -19.62        |
| 1340   | 11/6/2021  | 16         | 2        | 37.32      | Yes           | 19.27          | -18.05        |
| 1341   | 11/6/2021  | 16         | 3        | -0.01      | Yes           | 19.27          | 19.28         |
| 1342   | 11/6/2021  | 16         | 4        | 18.63      | Yes           | 19.27          | 0.64          |
| 1343   | 11/6/2021  | 16         | 5        | 26.19      | Yes           | 19.27          | -6.92         |
| 1344   | 11/6/2021  | 16         | 6        | 23.92      | Yes           | 19.27          | -4.65         |
| 1345   | 11/6/2021  | 16         | 7        | 26.27      | Yes           | 19.27          | -7.00         |
| 1346   | 11/6/2021  | 16         | 8        | 30.83      | Yes           | 19.27          | -11.56        |
| 1347   | 11/6/2021  | 16         | 9        | 32.85      | Yes           | 19.27          | -13.58        |
| 1348   | 11/6/2021  | 16         | 10       | 30.79      | Yes           | 19.27          | -11.52        |
| 1349   | 11/6/2021  | 16         | 11       | 32.93      | Yes           | 19.27          | -13.66        |
| 1350   | 11/6/2021  | 16         | 12       | 28.18      | Yes           | 19.27          | -8.91         |
| 1351   | 11/6/2021  | 17         | 1        | -0.01      | Yes           | 19.27          | 19.28         |
| 1352   | 11/6/2021  | 17         | 2        | -0.01      | Yes           | 19.27          | 19.28         |
| 1353   | 11/6/2021  | 17         | 3        | -0.01      | Yes           | 19.27          | 19.28         |
| 1354   | 11/6/2021  | 17         | 4        | 0.04       | Yes           | 19.27          | 19.23         |
| 1355   | 11/6/2021  | 17         | 5        | 31.83      | Yes           | 19.27          | -12.56        |
| 1356   | 11/6/2021  | 17         | 6        | 38.39      | Yes           | 19.27          | -19.12        |
| 1357   | 11/6/2021  | 17         | 7        | 48.25      | Yes           | 19.27          | -28.98        |
| 1358   | 11/6/2021  | 17         | 8        | 52.08      | Yes           | 19.27          | -32.81        |
| 1359   | 11/6/2021  | 17         | 9        | 60.13      | Yes           | 19.27          | -40.86        |
| 1360   | 11/6/2021  | 17         | 10       | 68.69      | Yes           | 19.27          | -49.42        |
| 1361   | 11/6/2021  | 17         | 11       | 86.48      | Yes           | 19.27          | -67.21        |
| 1362   | 11/6/2021  | 17         | 12       | 86.75      | Yes           | 19.27          | -67.48        |
| 1363   | 11/6/2021  | 18         | 1        | 45.42      | Yes           | 19.27          | -26.15        |
| 1364   | 11/6/2021  | 18         | 2        | 49.07      | Yes           | 19.27          | -29.80        |

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| 1365   | 11/6/2021  | 18         | 3        | 50.86      | Yes           | 19.27          | -31.59        |
| 1366   | 11/6/2021  | 18         | 4        | 56.68      | Yes           | 19.27          | -37.41        |
| 1367   | 11/6/2021  | 18         | 5        | 58.76      | Yes           | 19.27          | -39.49        |
| 1368   | 11/6/2021  | 18         | 6        | 62.41      | Yes           | 19.27          | -43.14        |
| 1369   | 11/6/2021  | 18         | 7        | 65.47      | Yes           | 19.27          | -46.20        |
| 1370   | 11/6/2021  | 18         | 8        | 68.74      | Yes           | 19.27          | -49.47        |
| 1371   | 11/6/2021  | 18         | 9        | 73.56      | Yes           | 19.27          | -54.29        |
| 1372   | 11/6/2021  | 18         | 10       | 75.92      | Yes           | 19.27          | -56.65        |
| 1373   | 11/6/2021  | 18         | 11       | 88.32      | Yes           | 19.27          | -69.05        |
| 1374   | 11/6/2021  | 18         | 12       | 89.15      | Yes           | 19.27          | -69.88        |
| 1375   | 11/6/2021  | 19         | 1        | 67.94      | Yes           | 19.27          | -48.67        |
| 1376   | 11/6/2021  | 19         | 2        | 70.18      | Yes           | 19.27          | -50.91        |
| 1377   | 11/6/2021  | 19         | 3        | 72.48      | Yes           | 19.27          | -53.21        |
| 1378   | 11/6/2021  | 19         | 4        | 68.81      | Yes           | 19.27          | -49.54        |
| 1379   | 11/6/2021  | 19         | 5        | 70.56      | Yes           | 19.27          | -51.29        |
| 1380   | 11/6/2021  | 19         | 6        | 82.07      | Yes           | 19.27          | -62.80        |
| 1381   | 11/6/2021  | 19         | 7        | 70.33      | Yes           | 19.27          | -51.06        |
| 1382   | 11/6/2021  | 19         | 8        | 63.17      | Yes           | 19.27          | -43.90        |
| 1383   | 11/6/2021  | 19         | 9        | 62.41      | Yes           | 19.27          | -43.14        |
| 1384   | 11/6/2021  | 19         | 10       | 59.00      | Yes           | 19.27          | -39.73        |
| 1385   | 11/6/2021  | 19         | 11       | 58.93      | Yes           | 19.27          | -39.66        |
| 1386   | 11/6/2021  | 19         | 12       | 59.00      | Yes           | 19.27          | -39.73        |
| 1387   | 11/6/2021  | 20         | 1        | 63.33      | Yes           | 19.27          | -44.06        |
| 1388   | 11/6/2021  | 20         | 2        | 59.32      | Yes           | 19.27          | -40.05        |
| 1389   | 11/6/2021  | 20         | 3        | 58.37      | Yes           | 19.27          | -39.10        |
| 1390   | 11/6/2021  | 20         | 4        | 58.22      | Yes           | 19.27          | -38.95        |
| 1391   | 11/6/2021  | 20         | 5        | 57.06      | Yes           | 19.27          | -37.79        |
| 1392   | 11/6/2021  | 20         | 6        | 56.59      | Yes           | 19.27          | -37.32        |
| 1393   | 11/6/2021  | 20         | 7        | 55.22      | Yes           | 19.27          | -35.95        |
| 1394   | 11/6/2021  | 20         | 8        | 55.19      | Yes           | 19.27          | -35.92        |
| 1395   | 11/6/2021  | 20         | 9        | 55.76      | Yes           | 19.27          | -36.49        |
| 1396   | 11/6/2021  | 20         | 10       | 56.19      | Yes           | 19.27          | -36.92        |
| 1397   | 11/6/2021  | 20         | 11       | 55.60      | Yes           | 19.27          | -36.33        |
| 1398   | 11/6/2021  | 20         | 12       | 55.25      | Yes           | 19.27          | -35.98        |
| 1399   | 11/6/2021  | 21         | 1        | 61.44      | Yes           | 19.27          | -42.17        |
| 1400   | 11/6/2021  | 21         | 2        | 62.40      | Yes           | 19.27          | -43.13        |
| 1401   | 11/6/2021  | 21         | 3        | 62.40      | Yes           | 19.27          | -43.13        |
| 1402   | 11/6/2021  | 21         | 4        | 62.78      | Yes           | 19.27          | -43.51        |

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| 1403   | 11/6/2021  | 21         | 5        | 63.37      | Yes           | 19.27          | -44.10        |
| 1404   | 11/6/2021  | 21         | 6        | 64.67      | Yes           | 19.27          | -45.40        |
| 1405   | 11/6/2021  | 21         | 7        | 67.13      | Yes           | 19.27          | -47.86        |
| 1406   | 11/6/2021  | 21         | 8        | 67.31      | Yes           | 19.27          | -48.04        |
| 1407   | 11/6/2021  | 21         | 9        | 67.14      | Yes           | 19.27          | -47.87        |
| 1408   | 11/6/2021  | 21         | 10       | 66.25      | Yes           | 19.27          | -46.98        |
| 1409   | 11/6/2021  | 21         | 11       | 66.59      | Yes           | 19.27          | -47.32        |
| 1410   | 11/6/2021  | 21         | 12       | 66.25      | Yes           | 19.27          | -46.98        |
| 1411   | 11/6/2021  | 22         | 1        | 62.33      | Yes           | 19.27          | -43.06        |
| 1412   | 11/6/2021  | 22         | 2        | 61.56      | Yes           | 19.27          | -42.29        |
| 1413   | 11/6/2021  | 22         | 3        | 59.37      | Yes           | 19.27          | -40.10        |
| 1414   | 11/6/2021  | 22         | 4        | 57.95      | Yes           | 19.27          | -38.68        |
| 1415   | 11/6/2021  | 22         | 5        | 57.89      | Yes           | 19.27          | -38.62        |
| 1416   | 11/6/2021  | 22         | 6        | 57.94      | Yes           | 19.27          | -38.67        |
| 1417   | 11/6/2021  | 22         | 7        | 57.15      | Yes           | 19.27          | -37.88        |
| 1418   | 11/6/2021  | 22         | 8        | 57.29      | Yes           | 19.27          | -38.02        |
| 1419   | 11/6/2021  | 22         | 9        | 56.16      | Yes           | 19.27          | -36.89        |
| 1420   | 11/6/2021  | 22         | 10       | 55.59      | Yes           | 19.27          | -36.32        |
| 1421   | 11/6/2021  | 22         | 11       | 55.59      | Yes           | 19.27          | -36.32        |
| 1422   | 11/6/2021  | 22         | 12       | 55.64      | Yes           | 19.27          | -36.37        |
| 1423   | 11/6/2021  | 23         | 1        | 65.96      | Yes           | 19.27          | -46.69        |
| 1424   | 11/6/2021  | 23         | 2        | 64.71      | Yes           | 19.27          | -45.44        |
| 1425   | 11/6/2021  | 23         | 3        | 65.03      | Yes           | 19.27          | -45.76        |
| 1426   | 11/6/2021  | 23         | 4        | 58.21      | Yes           | 19.27          | -38.94        |
| 1427   | 11/6/2021  | 23         | 5        | 57.32      | Yes           | 19.27          | -38.05        |
| 1428   | 11/6/2021  | 23         | 6        | 57.16      | Yes           | 19.27          | -37.89        |
| 1429   | 11/6/2021  | 23         | 7        | 56.24      | Yes           | 19.27          | -36.97        |
| 1430   | 11/6/2021  | 23         | 8        | 56.16      | Yes           | 19.27          | -36.89        |
| 1431   | 11/6/2021  | 23         | 9        | 54.26      | Yes           | 19.27          | -34.99        |
| 1432   | 11/6/2021  | 23         | 10       | 53.15      | Yes           | 19.27          | -33.88        |
| 1433   | 11/6/2021  | 23         | 11       | 52.98      | Yes           | 19.27          | -33.71        |
| 1434   | 11/6/2021  | 23         | 12       | 52.11      | Yes           | 19.27          | -32.84        |
| 1435   | 11/6/2021  | 24         | 1        | 50.81      | Yes           | 19.27          | -31.54        |
| 1436   | 11/6/2021  | 24         | 2        | 51.80      | Yes           | 19.27          | -32.53        |
| 1437   | 11/6/2021  | 24         | 3        | 49.82      | Yes           | 19.27          | -30.55        |
| 1438   | 11/6/2021  | 24         | 4        | 49.48      | Yes           | 19.27          | -30.21        |
| 1439   | 11/6/2021  | 24         | 5        | 46.86      | Yes           | 19.27          | -27.59        |
| 1440   | 11/6/2021  | 24         | 6        | 46.72      | Yes           | 19.27          | -27.45        |

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| 1441   | 11/6/2021  | 24         | 7        | 50.23      | Yes           | 19.27          | -30.96        |
| 1442   | 11/6/2021  | 24         | 8        | 49.75      | Yes           | 19.27          | -30.48        |
| 1443   | 11/6/2021  | 24         | 9        | 48.94      | Yes           | 19.27          | -29.67        |
| 1444   | 11/6/2021  | 24         | 10       | 51.54      | Yes           | 19.27          | -32.27        |
| 1445   | 11/6/2021  | 24         | 11       | 51.16      | Yes           | 19.27          | -31.89        |
| 1446   | 11/6/2021  | 24         | 12       | 51.16      | Yes           | 19.27          | -31.89        |
| 1447   | 11/7/2021  | 1          | 1        | 57.71      | Yes           | 19.27          | -38.44        |
| 1448   | 11/7/2021  | 1          | 2        | 56.43      | Yes           | 19.27          | -37.16        |
| 1449   | 11/7/2021  | 1          | 3        | 56.06      | Yes           | 19.27          | -36.79        |
| 1450   | 11/7/2021  | 1          | 4        | 55.24      | Yes           | 19.27          | -35.97        |
| 1451   | 11/7/2021  | 1          | 5        | 54.90      | Yes           | 19.27          | -35.63        |
| 1452   | 11/7/2021  | 1          | 6        | 54.86      | Yes           | 19.27          | -35.59        |
| 1453   | 11/7/2021  | 1          | 7        | 56.43      | Yes           | 19.27          | -37.16        |
| 1454   | 11/7/2021  | 1          | 8        | 56.28      | Yes           | 19.27          | -37.01        |
| 1455   | 11/7/2021  | 1          | 9        | 56.28      | Yes           | 19.27          | -37.01        |
| 1456   | 11/7/2021  | 1          | 10       | 56.18      | Yes           | 19.27          | -36.91        |
| 1457   | 11/7/2021  | 1          | 11       | 55.35      | Yes           | 19.27          | -36.08        |
| 1458   | 11/7/2021  | 1          | 12       | 53.79      | Yes           | 19.27          | -34.52        |
| 1459   | 11/7/2021  | 2          | 1        | 50.86      | Yes           | 19.27          | -31.59        |
| 1460   | 11/7/2021  | 2          | 1        | 50.86      | Yes           | 19.27          | -31.59        |
| 1461   | 11/7/2021  | 2          | 2        | 50.00      | Yes           | 19.27          | -30.73        |
| 1462   | 11/7/2021  | 2          | 2        | 50.00      | Yes           | 19.27          | -30.73        |
| 1463   | 11/7/2021  | 2          | 3        | 50.00      | Yes           | 19.27          | -30.73        |
| 1464   | 11/7/2021  | 2          | 3        | 50.00      | Yes           | 19.27          | -30.73        |
| 1465   | 11/7/2021  | 2          | 4        | 50.00      | Yes           | 19.27          | -30.73        |
| 1466   | 11/7/2021  | 2          | 4        | 50.00      | Yes           | 19.27          | -30.73        |
| 1467   | 11/7/2021  | 2          | 5        | 50.00      | Yes           | 19.27          | -30.73        |
| 1468   | 11/7/2021  | 2          | 5        | 50.00      | Yes           | 19.27          | -30.73        |
| 1469   | 11/7/2021  | 2          | 6        | 50.00      | Yes           | 19.27          | -30.73        |
| 1470   | 11/7/2021  | 2          | 6        | 50.00      | Yes           | 19.27          | -30.73        |
| 1471   | 11/7/2021  | 2          | 7        | 50.00      | Yes           | 19.27          | -30.73        |
| 1472   | 11/7/2021  | 2          | 7        | 50.00      | Yes           | 19.27          | -30.73        |
| 1473   | 11/7/2021  | 2          | 8        | 50.00      | Yes           | 19.27          | -30.73        |
| 1474   | 11/7/2021  | 2          | 8        | 50.00      | Yes           | 19.27          | -30.73        |
| 1475   | 11/7/2021  | 2          | 9        | 47.78      | Yes           | 19.27          | -28.51        |
| 1476   | 11/7/2021  | 2          | 9        | 47.78      | Yes           | 19.27          | -28.51        |
| 1477   | 11/7/2021  | 2          | 10       | 48.26      | Yes           | 19.27          | -28.99        |
| 1478   | 11/7/2021  | 2          | 10       | 48.26      | Yes           | 19.27          | -28.99        |

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| 1479   | 11/7/2021  | 2          | 11       | 48.24      | Yes           | 19.27          | -28.97        |
| 1480   | 11/7/2021  | 2          | 11       | 48.24      | Yes           | 19.27          | -28.97        |
| 1481   | 11/7/2021  | 2          | 12       | 48.18      | Yes           | 19.27          | -28.91        |
| 1482   | 11/7/2021  | 2          | 12       | 48.18      | Yes           | 19.27          | -28.91        |
| 1483   | 11/7/2021  | 2          | 1        | 50.86      | Yes           | 19.27          | -31.59        |
| 1484   | 11/7/2021  | 2          | 1        | 50.86      | Yes           | 19.27          | -31.59        |
| 1485   | 11/7/2021  | 2          | 2        | 50.00      | Yes           | 19.27          | -30.73        |
| 1486   | 11/7/2021  | 2          | 2        | 50.00      | Yes           | 19.27          | -30.73        |
| 1487   | 11/7/2021  | 2          | 3        | 50.00      | Yes           | 19.27          | -30.73        |
| 1488   | 11/7/2021  | 2          | 3        | 50.00      | Yes           | 19.27          | -30.73        |
| 1489   | 11/7/2021  | 2          | 4        | 50.00      | Yes           | 19.27          | -30.73        |
| 1490   | 11/7/2021  | 2          | 4        | 50.00      | Yes           | 19.27          | -30.73        |
| 1491   | 11/7/2021  | 2          | 5        | 50.00      | Yes           | 19.27          | -30.73        |
| 1492   | 11/7/2021  | 2          | 5        | 50.00      | Yes           | 19.27          | -30.73        |
| 1493   | 11/7/2021  | 2          | 6        | 50.00      | Yes           | 19.27          | -30.73        |
| 1494   | 11/7/2021  | 2          | 6        | 50.00      | Yes           | 19.27          | -30.73        |
| 1495   | 11/7/2021  | 2          | 7        | 50.00      | Yes           | 19.27          | -30.73        |
| 1496   | 11/7/2021  | 2          | 7        | 50.00      | Yes           | 19.27          | -30.73        |
| 1497   | 11/7/2021  | 2          | 8        | 50.00      | Yes           | 19.27          | -30.73        |
| 1498   | 11/7/2021  | 2          | 8        | 50.00      | Yes           | 19.27          | -30.73        |
| 1499   | 11/7/2021  | 2          | 9        | 47.78      | Yes           | 19.27          | -28.51        |
| 1500   | 11/7/2021  | 2          | 9        | 47.78      | Yes           | 19.27          | -28.51        |
| 1501   | 11/7/2021  | 2          | 10       | 48.26      | Yes           | 19.27          | -28.99        |
| 1502   | 11/7/2021  | 2          | 10       | 48.26      | Yes           | 19.27          | -28.99        |
| 1503   | 11/7/2021  | 2          | 11       | 48.24      | Yes           | 19.27          | -28.97        |
| 1504   | 11/7/2021  | 2          | 11       | 48.24      | Yes           | 19.27          | -28.97        |
| 1505   | 11/7/2021  | 2          | 12       | 48.18      | Yes           | 19.27          | -28.91        |
| 1506   | 11/7/2021  | 2          | 12       | 48.18      | Yes           | 19.27          | -28.91        |
| 1507   | 11/7/2021  | 3          | 1        | 51.15      | Yes           | 19.27          | -31.88        |
| 1508   | 11/7/2021  | 3          | 2        | 51.15      | Yes           | 19.27          | -31.88        |
| 1509   | 11/7/2021  | 3          | 3        | 51.69      | Yes           | 19.27          | -32.42        |
| 1510   | 11/7/2021  | 3          | 4        | 43.81      | Yes           | 19.27          | -24.54        |
| 1511   | 11/7/2021  | 3          | 5        | 46.55      | Yes           | 19.27          | -27.28        |
| 1512   | 11/7/2021  | 3          | 6        | 45.91      | Yes           | 19.27          | -26.64        |
| 1513   | 11/7/2021  | 3          | 7        | 49.99      | Yes           | 19.27          | -30.72        |
| 1514   | 11/7/2021  | 3          | 8        | 50.40      | Yes           | 19.27          | -31.13        |
| 1515   | 11/7/2021  | 3          | 9        | 50.71      | Yes           | 19.27          | -31.44        |
| 1516   | 11/7/2021  | 3          | 10       | 51.02      | Yes           | 19.27          | -31.75        |

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| 1517   | 11/7/2021  | 3          | 11       | 51.32      | Yes           | 19.27          | -32.05        |
| 1518   | 11/7/2021  | 3          | 12       | 51.32      | Yes           | 19.27          | -32.05        |
| 1519   | 11/7/2021  | 4          | 1        | 50.77      | Yes           | 19.27          | -31.50        |
| 1520   | 11/7/2021  | 4          | 2        | 50.72      | Yes           | 19.27          | -31.45        |
| 1521   | 11/7/2021  | 4          | 3        | 50.77      | Yes           | 19.27          | -31.50        |
| 1522   | 11/7/2021  | 4          | 4        | 51.31      | Yes           | 19.27          | -32.04        |
| 1523   | 11/7/2021  | 4          | 5        | 51.82      | Yes           | 19.27          | -32.55        |
| 1524   | 11/7/2021  | 4          | 6        | 52.48      | Yes           | 19.27          | -33.21        |
| 1525   | 11/7/2021  | 4          | 7        | 52.01      | Yes           | 19.27          | -32.74        |
| 1526   | 11/7/2021  | 4          | 8        | 52.38      | Yes           | 19.27          | -33.11        |
| 1527   | 11/7/2021  | 4          | 9        | 52.38      | Yes           | 19.27          | -33.11        |
| 1528   | 11/7/2021  | 4          | 10       | 52.44      | Yes           | 19.27          | -33.17        |
| 1529   | 11/7/2021  | 4          | 11       | 52.65      | Yes           | 19.27          | -33.38        |
| 1530   | 11/7/2021  | 4          | 12       | 52.65      | Yes           | 19.27          | -33.38        |
| 1531   | 11/7/2021  | 5          | 1        | 52.03      | Yes           | 19.27          | -32.76        |
| 1532   | 11/7/2021  | 5          | 2        | 51.92      | Yes           | 19.27          | -32.65        |
| 1533   | 11/7/2021  | 5          | 3        | 52.02      | Yes           | 19.27          | -32.75        |
| 1534   | 11/7/2021  | 5          | 4        | 51.91      | Yes           | 19.27          | -32.64        |
| 1535   | 11/7/2021  | 5          | 5        | 51.91      | Yes           | 19.27          | -32.64        |
| 1536   | 11/7/2021  | 5          | 6        | 51.83      | Yes           | 19.27          | -32.56        |
| 1537   | 11/7/2021  | 5          | 7        | 52.91      | Yes           | 19.27          | -33.64        |
| 1538   | 11/7/2021  | 5          | 8        | 52.95      | Yes           | 19.27          | -33.68        |
| 1539   | 11/7/2021  | 5          | 9        | 53.16      | Yes           | 19.27          | -33.89        |
| 1540   | 11/7/2021  | 5          | 10       | 53.73      | Yes           | 19.27          | -34.46        |
| 1541   | 11/7/2021  | 5          | 11       | 53.73      | Yes           | 19.27          | -34.46        |
| 1542   | 11/7/2021  | 5          | 12       | 53.46      | Yes           | 19.27          | -34.19        |
| 1543   | 11/7/2021  | 6          | 1        | 51.10      | Yes           | 19.27          | -31.83        |
| 1544   | 11/7/2021  | 6          | 2        | 50.98      | Yes           | 19.27          | -31.71        |
| 1545   | 11/7/2021  | 6          | 3        | 50.98      | Yes           | 19.27          | -31.71        |
| 1546   | 11/7/2021  | 6          | 4        | 51.08      | Yes           | 19.27          | -31.81        |
| 1547   | 11/7/2021  | 6          | 5        | 51.20      | Yes           | 19.27          | -31.93        |
| 1548   | 11/7/2021  | 6          | 6        | 51.28      | Yes           | 19.27          | -32.01        |
| 1549   | 11/7/2021  | 6          | 7        | 51.89      | Yes           | 19.27          | -32.62        |
| 1550   | 11/7/2021  | 6          | 8        | 52.77      | Yes           | 19.27          | -33.50        |
| 1551   | 11/7/2021  | 6          | 9        | 53.49      | Yes           | 19.27          | -34.22        |
| 1552   | 11/7/2021  | 6          | 10       | 53.54      | Yes           | 19.27          | -34.27        |
| 1553   | 11/7/2021  | 6          | 11       | 54.73      | Yes           | 19.27          | -35.46        |
| 1554   | 11/7/2021  | 6          | 12       | 55.18      | Yes           | 19.27          | -35.91        |

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| 1555   | 11/7/2021  | 7          | 1        | 54.54      | Yes           | 19.27          | -35.27        |
| 1556   | 11/7/2021  | 7          | 2        | 56.31      | Yes           | 19.27          | -37.04        |
| 1557   | 11/7/2021  | 7          | 3        | 60.63      | Yes           | 19.27          | -41.36        |
| 1558   | 11/7/2021  | 7          | 4        | 62.08      | Yes           | 19.27          | -42.81        |
| 1559   | 11/7/2021  | 7          | 5        | 72.38      | Yes           | 19.27          | -53.11        |
| 1560   | 11/7/2021  | 7          | 6        | 78.66      | Yes           | 19.27          | -59.39        |
| 1561   | 11/7/2021  | 7          | 7        | 80.95      | Yes           | 19.27          | -61.68        |
| 1562   | 11/7/2021  | 7          | 8        | 83.39      | Yes           | 19.27          | -64.12        |
| 1563   | 11/7/2021  | 7          | 9        | 78.51      | Yes           | 19.27          | -59.24        |
| 1564   | 11/7/2021  | 7          | 10       | 76.18      | Yes           | 19.27          | -56.91        |
| 1565   | 11/7/2021  | 7          | 11       | 79.14      | Yes           | 19.27          | -59.87        |
| 1566   | 11/7/2021  | 7          | 12       | 79.65      | Yes           | 19.27          | -60.38        |
| 1567   | 11/7/2021  | 8          | 1        | 105.31     | Yes           | 19.27          | -86.04        |
| 1568   | 11/7/2021  | 8          | 2        | 102.25     | Yes           | 19.27          | -82.98        |
| 1569   | 11/7/2021  | 8          | 3        | 111.11     | Yes           | 19.27          | -91.84        |
| 1570   | 11/7/2021  | 8          | 4        | 94.98      | Yes           | 19.27          | -75.71        |
| 1571   | 11/7/2021  | 8          | 5        | 87.96      | Yes           | 19.27          | -68.69        |
| 1572   | 11/7/2021  | 8          | 6        | 82.81      | Yes           | 19.27          | -63.54        |
| 1573   | 11/7/2021  | 8          | 7        | 81.82      | Yes           | 19.27          | -62.55        |
| 1574   | 11/7/2021  | 8          | 8        | 70.94      | Yes           | 19.27          | -51.67        |
| 1575   | 11/7/2021  | 8          | 9        | 56.05      | Yes           | 19.27          | -36.78        |
| 1576   | 11/7/2021  | 8          | 10       | 56.45      | Yes           | 19.27          | -37.18        |
| 1577   | 11/7/2021  | 8          | 11       | 53.59      | Yes           | 19.27          | -34.32        |
| 1578   | 11/7/2021  | 8          | 12       | 49.21      | Yes           | 19.27          | -29.94        |
| 1579   | 11/7/2021  | 9          | 1        | 58.07      | Yes           | 19.27          | -38.80        |
| 1580   | 11/7/2021  | 9          | 2        | 59.78      | Yes           | 19.27          | -40.51        |
| 1581   | 11/7/2021  | 9          | 3        | 51.72      | Yes           | 19.27          | -32.45        |
| 1582   | 11/7/2021  | 9          | 4        | 51.56      | Yes           | 19.27          | -32.29        |
| 1583   | 11/7/2021  | 9          | 5        | 51.72      | Yes           | 19.27          | -32.45        |
| 1584   | 11/7/2021  | 9          | 6        | 46.09      | Yes           | 19.27          | -26.82        |
| 1585   | 11/7/2021  | 9          | 7        | 51.65      | Yes           | 19.27          | -32.38        |
| 1586   | 11/7/2021  | 9          | 8        | 43.86      | Yes           | 19.27          | -24.59        |
| 1587   | 11/7/2021  | 9          | 9        | 43.45      | Yes           | 19.27          | -24.18        |
| 1588   | 11/7/2021  | 9          | 10       | 41.97      | Yes           | 19.27          | -22.70        |
| 1589   | 11/7/2021  | 9          | 11       | 41.04      | Yes           | 19.27          | -21.77        |
| 1590   | 11/7/2021  | 9          | 12       | 31.75      | Yes           | 19.27          | -12.48        |
| 1591   | 11/7/2021  | 10         | 1        | 34.04      | Yes           | 19.27          | -14.77        |
| 1592   | 11/7/2021  | 10         | 2        | 43.17      | Yes           | 19.27          | -23.90        |

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| 1593   | 11/7/2021  | 10         | 3        | 45.82      | Yes           | 19.27          | -26.55        |
| 1594   | 11/7/2021  | 10         | 4        | 41.47      | Yes           | 19.27          | -22.20        |
| 1595   | 11/7/2021  | 10         | 5        | 38.47      | Yes           | 19.27          | -19.20        |
| 1596   | 11/7/2021  | 10         | 6        | 58.53      | Yes           | 19.27          | -39.26        |
| 1597   | 11/7/2021  | 10         | 7        | 44.87      | Yes           | 19.27          | -25.60        |
| 1598   | 11/7/2021  | 10         | 8        | 45.21      | Yes           | 19.27          | -25.94        |
| 1599   | 11/7/2021  | 10         | 9        | 12.94      | Yes           | 19.27          | 6.33          |
| 1600   | 11/7/2021  | 10         | 10       | 36.92      | Yes           | 19.27          | -17.65        |
| 1601   | 11/7/2021  | 10         | 11       | 42.92      | Yes           | 19.27          | -23.65        |
| 1602   | 11/7/2021  | 10         | 12       | 41.44      | Yes           | 19.27          | -22.17        |
| 1603   | 11/7/2021  | 11         | 1        | 45.11      | Yes           | 19.27          | -25.84        |
| 1604   | 11/7/2021  | 11         | 2        | 43.66      | Yes           | 19.27          | -24.39        |
| 1605   | 11/7/2021  | 11         | 3        | 38.53      | Yes           | 19.27          | -19.26        |
| 1606   | 11/7/2021  | 11         | 4        | -0.01      | Yes           | 19.27          | 19.28         |
| 1607   | 11/7/2021  | 11         | 5        | -0.01      | Yes           | 19.27          | 19.28         |
| 1608   | 11/7/2021  | 11         | 6        | -0.01      | Yes           | 19.27          | 19.28         |
| 1609   | 11/7/2021  | 11         | 7        | 0.00       | Yes           | 19.27          | 19.27         |
| 1610   | 11/7/2021  | 11         | 8        | -0.01      | Yes           | 19.27          | 19.28         |
| 1611   | 11/7/2021  | 11         | 9        | -0.01      | Yes           | 19.27          | 19.28         |
| 1612   | 11/7/2021  | 11         | 10       | -0.01      | Yes           | 19.27          | 19.28         |
| 1613   | 11/7/2021  | 11         | 11       | -0.01      | Yes           | 19.27          | 19.28         |
| 1614   | 11/7/2021  | 11         | 12       | -0.01      | Yes           | 19.27          | 19.28         |
| 1615   | 11/7/2021  | 12         | 1        | -0.01      | Yes           | 19.27          | 19.28         |
| 1616   | 11/7/2021  | 12         | 2        | -0.01      | Yes           | 19.27          | 19.28         |
| 1617   | 11/7/2021  | 12         | 3        | 0.00       | Yes           | 19.27          | 19.27         |
| 1618   | 11/7/2021  | 12         | 4        | 0.00       | Yes           | 19.27          | 19.27         |
| 1619   | 11/7/2021  | 12         | 5        | 0.00       | Yes           | 19.27          | 19.27         |
| 1620   | 11/7/2021  | 12         | 6        | 0.00       | Yes           | 19.27          | 19.27         |
| 1621   | 11/7/2021  | 12         | 7        | 0.00       | Yes           | 19.27          | 19.27         |
| 1622   | 11/7/2021  | 12         | 8        | 0.00       | Yes           | 19.27          | 19.27         |
| 1623   | 11/7/2021  | 12         | 9        | 0.00       | Yes           | 19.27          | 19.27         |
| 1624   | 11/7/2021  | 12         | 10       | 13.93      | Yes           | 19.27          | 5.34          |
| 1625   | 11/7/2021  | 12         | 11       | 21.67      | Yes           | 19.27          | -2.40         |
| 1626   | 11/7/2021  | 12         | 12       | 0.00       | Yes           | 19.27          | 19.27         |
| 1627   | 11/7/2021  | 13         | 1        | 14.58      | Yes           | 19.27          | 4.69          |
| 1628   | 11/7/2021  | 13         | 2        | 21.81      | Yes           | 19.27          | -2.54         |
| 1629   | 11/7/2021  | 13         | 3        | 16.90      | Yes           | 19.27          | 2.37          |
| 1630   | 11/7/2021  | 13         | 4        | 19.27      | Yes           | 19.27          | 0.00          |



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| 1631   | 11/7/2021  | 13         | 5        | 0.00       | Yes           | 19.27          | 19.27         |
| 1632   | 11/7/2021  | 13         | 6        | 0.00       | Yes           | 19.27          | 19.27         |
| 1633   | 11/7/2021  | 13         | 7        | 22.39      | Yes           | 19.27          | -3.12         |
| 1634   | 11/7/2021  | 13         | 8        | -0.01      | Yes           | 19.27          | 19.28         |
| 1635   | 11/7/2021  | 13         | 9        | -0.01      | Yes           | 19.27          | 19.28         |
| 1636   | 11/7/2021  | 13         | 10       | 0.00       | Yes           | 19.27          | 19.27         |
| 1637   | 11/7/2021  | 13         | 11       | 0.03       | Yes           | 19.27          | 19.24         |
| 1638   | 11/7/2021  | 13         | 12       | 26.43      | Yes           | 19.27          | -7.16         |
| 1639   | 11/7/2021  | 14         | 1        | 29.41      | Yes           | 19.27          | -10.14        |
| 1640   | 11/7/2021  | 14         | 2        | 33.35      | Yes           | 19.27          | -14.08        |
| 1641   | 11/7/2021  | 14         | 3        | 34.24      | Yes           | 19.27          | -14.97        |
| 1642   | 11/7/2021  | 14         | 4        | 37.01      | Yes           | 19.27          | -17.74        |
| 1643   | 11/7/2021  | 14         | 5        | 33.18      | Yes           | 19.27          | -13.91        |
| 1644   | 11/7/2021  | 14         | 6        | 42.82      | Yes           | 19.27          | -23.55        |
| 1645   | 11/7/2021  | 14         | 7        | 39.78      | Yes           | 19.27          | -20.51        |
| 1646   | 11/7/2021  | 14         | 8        | 42.13      | Yes           | 19.27          | -22.86        |
| 1647   | 11/7/2021  | 14         | 9        | 42.36      | Yes           | 19.27          | -23.09        |
| 1648   | 11/7/2021  | 14         | 10       | 50.05      | Yes           | 19.27          | -30.78        |
| 1649   | 11/7/2021  | 14         | 11       | 56.51      | Yes           | 19.27          | -37.24        |
| 1650   | 11/7/2021  | 14         | 12       | 48.09      | Yes           | 19.27          | -28.82        |
| 1651   | 11/7/2021  | 15         | 1        | 51.19      | Yes           | 19.27          | -31.92        |
| 1652   | 11/7/2021  | 15         | 2        | 44.88      | Yes           | 19.27          | -25.61        |
| 1653   | 11/7/2021  | 15         | 3        | 52.07      | Yes           | 19.27          | -32.80        |
| 1654   | 11/7/2021  | 15         | 4        | 44.62      | Yes           | 19.27          | -25.35        |
| 1655   | 11/7/2021  | 15         | 5        | 53.02      | Yes           | 19.27          | -33.75        |
| 1656   | 11/7/2021  | 15         | 6        | 52.83      | Yes           | 19.27          | -33.56        |
| 1657   | 11/7/2021  | 15         | 7        | 59.41      | Yes           | 19.27          | -40.14        |
| 1658   | 11/7/2021  | 15         | 8        | 63.86      | Yes           | 19.27          | -44.59        |
| 1659   | 11/7/2021  | 15         | 9        | 65.97      | Yes           | 19.27          | -46.70        |
| 1660   | 11/7/2021  | 15         | 10       | 66.86      | Yes           | 19.27          | -47.59        |
| 1661   | 11/7/2021  | 15         | 11       | 66.73      | Yes           | 19.27          | -47.46        |
| 1662   | 11/7/2021  | 15         | 12       | 63.02      | Yes           | 19.27          | -43.75        |
| 1663   | 11/7/2021  | 16         | 1        | 41.71      | Yes           | 19.27          | -22.44        |
| 1664   | 11/7/2021  | 16         | 2        | 43.97      | Yes           | 19.27          | -24.70        |
| 1665   | 11/7/2021  | 16         | 3        | 45.29      | Yes           | 19.27          | -26.02        |
| 1666   | 11/7/2021  | 16         | 4        | 57.09      | Yes           | 19.27          | -37.82        |
| 1667   | 11/7/2021  | 16         | 5        | 69.83      | Yes           | 19.27          | -50.56        |
| 1668   | 11/7/2021  | 16         | 6        | 76.15      | Yes           | 19.27          | -56.88        |

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| 1669   | 11/7/2021  | 16         | 7        | 67.42      | Yes           | 19.27          | -48.15        |
| 1670   | 11/7/2021  | 16         | 8        | 85.88      | Yes           | 19.27          | -66.61        |
| 1671   | 11/7/2021  | 16         | 9        | 86.35      | Yes           | 19.27          | -67.08        |
| 1672   | 11/7/2021  | 16         | 10       | 86.03      | Yes           | 19.27          | -66.76        |
| 1673   | 11/7/2021  | 16         | 11       | 95.92      | Yes           | 19.27          | -76.65        |
| 1674   | 11/7/2021  | 16         | 12       | 97.06      | Yes           | 19.27          | -77.79        |
| 1675   | 11/7/2021  | 17         | 1        | 54.55      | Yes           | 19.27          | -35.28        |
| 1676   | 11/7/2021  | 17         | 2        | 57.77      | Yes           | 19.27          | -38.50        |
| 1677   | 11/7/2021  | 17         | 3        | 55.91      | Yes           | 19.27          | -36.64        |
| 1678   | 11/7/2021  | 17         | 4        | 59.52      | Yes           | 19.27          | -40.25        |
| 1679   | 11/7/2021  | 17         | 5        | 63.54      | Yes           | 19.27          | -44.27        |
| 1680   | 11/7/2021  | 17         | 6        | 68.35      | Yes           | 19.27          | -49.08        |
| 1681   | 11/7/2021  | 17         | 7        | 75.22      | Yes           | 19.27          | -55.95        |
| 1682   | 11/7/2021  | 17         | 8        | 82.66      | Yes           | 19.27          | -63.39        |
| 1683   | 11/7/2021  | 17         | 9        | 87.99      | Yes           | 19.27          | -68.72        |
| 1684   | 11/7/2021  | 17         | 10       | 99.60      | Yes           | 19.27          | -80.33        |
| 1685   | 11/7/2021  | 17         | 11       | 109.76     | Yes           | 19.27          | -90.49        |
| 1686   | 11/7/2021  | 17         | 12       | 112.86     | Yes           | 19.27          | -93.59        |
| 1687   | 11/7/2021  | 18         | 1        | 70.36      | Yes           | 19.27          | -51.09        |
| 1688   | 11/7/2021  | 18         | 2        | 71.63      | Yes           | 19.27          | -52.36        |
| 1689   | 11/7/2021  | 18         | 3        | 70.31      | Yes           | 19.27          | -51.04        |
| 1690   | 11/7/2021  | 22         | 4        | 57.19      | Yes           | 19.27          | -37.92        |
| 1691   | 11/7/2021  | 22         | 5        | 57.19      | Yes           | 19.27          | -37.92        |
| 1692   | 11/7/2021  | 22         | 6        | 57.00      | Yes           | 19.27          | -37.73        |
| 1693   | 11/7/2021  | 22         | 7        | 58.33      | Yes           | 19.27          | -39.06        |
| 1694   | 11/7/2021  | 22         | 8        | 59.10      | Yes           | 19.27          | -39.83        |
| 1695   | 11/7/2021  | 22         | 9        | 59.38      | Yes           | 19.27          | -40.11        |
| 1696   | 11/7/2021  | 22         | 10       | 56.97      | Yes           | 19.27          | -37.70        |
| 1697   | 11/7/2021  | 22         | 11       | 56.23      | Yes           | 19.27          | -36.96        |
| 1698   | 11/7/2021  | 22         | 12       | 56.62      | Yes           | 19.27          | -37.35        |
| 1699   | 11/7/2021  | 23         | 1        | 58.12      | Yes           | 19.27          | -38.85        |
| 1700   | 11/7/2021  | 23         | 2        | 57.62      | Yes           | 19.27          | -38.35        |
| 1701   | 11/7/2021  | 23         | 3        | 58.12      | Yes           | 19.27          | -38.85        |
| 1702   | 11/7/2021  | 23         | 4        | 57.04      | Yes           | 19.27          | -37.77        |
| 1703   | 11/7/2021  | 23         | 5        | 58.21      | Yes           | 19.27          | -38.94        |
| 1704   | 11/7/2021  | 23         | 6        | 58.03      | Yes           | 19.27          | -38.76        |
| 1705   | 11/7/2021  | 23         | 7        | 57.92      | Yes           | 19.27          | -38.65        |
| 1706   | 11/7/2021  | 23         | 8        | 57.85      | Yes           | 19.27          | -38.58        |

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| 1707   | 11/7/2021  | 23         | 9        | 56.76      | Yes           | 19.27          | -37.49        |
| 1708   | 11/7/2021  | 23         | 10       | 55.31      | Yes           | 19.27          | -36.04        |
| 1709   | 11/7/2021  | 23         | 11       | 55.53      | Yes           | 19.27          | -36.26        |
| 1710   | 11/7/2021  | 23         | 12       | 54.98      | Yes           | 19.27          | -35.71        |
| 1711   | 11/7/2021  | 24         | 1        | 55.92      | Yes           | 19.27          | -36.65        |
| 1712   | 11/7/2021  | 24         | 2        | 54.71      | Yes           | 19.27          | -35.44        |
| 1713   | 11/7/2021  | 24         | 3        | 53.41      | Yes           | 19.27          | -34.14        |
| 1714   | 11/7/2021  | 24         | 4        | 53.20      | Yes           | 19.27          | -33.93        |
| 1715   | 11/7/2021  | 24         | 5        | 53.70      | Yes           | 19.27          | -34.43        |
| 1716   | 11/7/2021  | 24         | 6        | 53.68      | Yes           | 19.27          | -34.41        |
| 1717   | 11/7/2021  | 24         | 7        | 53.11      | Yes           | 19.27          | -33.84        |
| 1718   | 11/7/2021  | 24         | 8        | 53.48      | Yes           | 19.27          | -34.21        |
| 1719   | 11/7/2021  | 24         | 9        | 52.95      | Yes           | 19.27          | -33.68        |
| 1720   | 11/7/2021  | 24         | 10       | 52.69      | Yes           | 19.27          | -33.42        |
| 1721   | 11/7/2021  | 24         | 11       | 52.65      | Yes           | 19.27          | -33.38        |
| 1722   | 11/7/2021  | 24         | 12       | 50.19      | Yes           | 19.27          | -30.92        |
| 1723   | 11/8/2021  | 1          | 1        | 51.38      | Yes           | 19.27          | -32.11        |
| 1724   | 11/8/2021  | 1          | 2        | 51.38      | Yes           | 19.27          | -32.11        |
| 1725   | 11/8/2021  | 1          | 3        | 47.33      | Yes           | 19.27          | -28.06        |
| 1726   | 11/8/2021  | 1          | 4        | 46.50      | Yes           | 19.27          | -27.23        |
| 1727   | 11/8/2021  | 1          | 5        | 46.59      | Yes           | 19.27          | -27.32        |
| 1728   | 11/8/2021  | 1          | 6        | 47.53      | Yes           | 19.27          | -28.26        |
| 1729   | 11/8/2021  | 1          | 7        | 49.92      | Yes           | 19.27          | -30.65        |
| 1730   | 11/8/2021  | 1          | 8        | 50.57      | Yes           | 19.27          | -31.30        |
| 1731   | 11/8/2021  | 1          | 9        | 51.42      | Yes           | 19.27          | -32.15        |
| 1732   | 11/8/2021  | 1          | 10       | 51.65      | Yes           | 19.27          | -32.38        |
| 1733   | 11/8/2021  | 1          | 11       | 54.34      | Yes           | 19.27          | -35.07        |
| 1734   | 11/8/2021  | 1          | 12       | 54.13      | Yes           | 19.27          | -34.86        |
| 1735   | 11/8/2021  | 2          | 1        | 57.50      | Yes           | 19.27          | -38.23        |
| 1736   | 11/8/2021  | 2          | 2        | 57.24      | Yes           | 19.27          | -37.97        |
| 1737   | 11/8/2021  | 2          | 3        | 58.58      | Yes           | 19.27          | -39.31        |
| 1738   | 11/8/2021  | 2          | 4        | 58.53      | Yes           | 19.27          | -39.26        |
| 1739   | 11/8/2021  | 2          | 5        | 56.65      | Yes           | 19.27          | -37.38        |
| 1740   | 11/8/2021  | 2          | 6        | 56.31      | Yes           | 19.27          | -37.04        |
| 1741   | 11/8/2021  | 2          | 7        | 56.18      | Yes           | 19.27          | -36.91        |
| 1742   | 11/8/2021  | 2          | 8        | 56.58      | Yes           | 19.27          | -37.31        |
| 1743   | 11/8/2021  | 2          | 9        | 56.58      | Yes           | 19.27          | -37.31        |
| 1744   | 11/8/2021  | 2          | 10       | 56.57      | Yes           | 19.27          | -37.30        |

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| 1745   | 11/8/2021  | 2          | 11       | 56.77      | Yes           | 19.27          | -37.50        |
| 1746   | 11/8/2021  | 2          | 12       | 56.52      | Yes           | 19.27          | -37.25        |
| 1747   | 11/8/2021  | 3          | 1        | 58.44      | Yes           | 19.27          | -39.17        |
| 1748   | 11/8/2021  | 3          | 2        | 60.60      | Yes           | 19.27          | -41.33        |
| 1749   | 11/8/2021  | 3          | 3        | 59.73      | Yes           | 19.27          | -40.46        |
| 1750   | 11/8/2021  | 3          | 4        | 60.94      | Yes           | 19.27          | -41.67        |
| 1751   | 11/8/2021  | 3          | 5        | 61.12      | Yes           | 19.27          | -41.85        |
| 1752   | 11/8/2021  | 3          | 6        | 61.65      | Yes           | 19.27          | -42.38        |
| 1753   | 11/8/2021  | 3          | 7        | 61.95      | Yes           | 19.27          | -42.68        |
| 1754   | 11/8/2021  | 3          | 8        | 62.55      | Yes           | 19.27          | -43.28        |
| 1755   | 11/8/2021  | 3          | 9        | 63.07      | Yes           | 19.27          | -43.80        |
| 1756   | 11/8/2021  | 3          | 10       | 62.97      | Yes           | 19.27          | -43.70        |
| 1757   | 11/8/2021  | 3          | 11       | 63.94      | Yes           | 19.27          | -44.67        |
| 1758   | 11/8/2021  | 3          | 12       | 67.97      | Yes           | 19.27          | -48.70        |
| 1759   | 11/8/2021  | 4          | 1        | 70.57      | Yes           | 19.27          | -51.30        |
| 1760   | 11/8/2021  | 4          | 2        | 71.03      | Yes           | 19.27          | -51.76        |
| 1761   | 11/8/2021  | 4          | 3        | 71.03      | Yes           | 19.27          | -51.76        |
| 1762   | 11/8/2021  | 4          | 4        | 67.99      | Yes           | 19.27          | -48.72        |
| 1763   | 11/8/2021  | 4          | 5        | 68.07      | Yes           | 19.27          | -48.80        |
| 1764   | 11/8/2021  | 4          | 6        | 70.49      | Yes           | 19.27          | -51.22        |
| 1765   | 11/8/2021  | 4          | 7        | 68.64      | Yes           | 19.27          | -49.37        |
| 1766   | 11/8/2021  | 4          | 8        | 70.38      | Yes           | 19.27          | -51.11        |
| 1767   | 11/8/2021  | 4          | 9        | 70.38      | Yes           | 19.27          | -51.11        |
| 1768   | 11/8/2021  | 4          | 10       | 70.94      | Yes           | 19.27          | -51.67        |
| 1769   | 11/8/2021  | 4          | 11       | 70.53      | Yes           | 19.27          | -51.26        |
| 1770   | 11/8/2021  | 4          | 12       | 70.36      | Yes           | 19.27          | -51.09        |
| 1771   | 11/8/2021  | 5          | 1        | 72.52      | Yes           | 19.27          | -53.25        |
| 1772   | 11/8/2021  | 5          | 2        | 69.40      | Yes           | 19.27          | -50.13        |
| 1773   | 11/8/2021  | 5          | 3        | 69.41      | Yes           | 19.27          | -50.14        |
| 1774   | 11/8/2021  | 5          | 4        | 70.37      | Yes           | 19.27          | -51.10        |
| 1775   | 11/8/2021  | 5          | 5        | 71.84      | Yes           | 19.27          | -52.57        |
| 1776   | 11/8/2021  | 5          | 6        | 75.77      | Yes           | 19.27          | -56.50        |
| 1777   | 11/8/2021  | 5          | 7        | 76.09      | Yes           | 19.27          | -56.82        |
| 1778   | 11/8/2021  | 5          | 8        | 78.99      | Yes           | 19.27          | -59.72        |
| 1779   | 11/8/2021  | 5          | 9        | 79.34      | Yes           | 19.27          | -60.07        |
| 1780   | 11/8/2021  | 5          | 10       | 85.29      | Yes           | 19.27          | -66.02        |
| 1781   | 11/8/2021  | 5          | 11       | 89.85      | Yes           | 19.27          | -70.58        |
| 1782   | 11/8/2021  | 5          | 12       | 106.58     | Yes           | 19.27          | -87.31        |

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| 1783   | 11/8/2021  | 6          | 1        | 79.57      | Yes           | 19.27          | -60.30        |
| 1784   | 11/8/2021  | 6          | 2        | 85.51      | Yes           | 19.27          | -66.24        |
| 1785   | 11/8/2021  | 6          | 3        | 85.51      | Yes           | 19.27          | -66.24        |
| 1786   | 11/8/2021  | 6          | 4        | 86.06      | Yes           | 19.27          | -66.79        |
| 1787   | 11/8/2021  | 6          | 5        | 90.26      | Yes           | 19.27          | -70.99        |
| 1788   | 11/8/2021  | 6          | 6        | 92.75      | Yes           | 19.27          | -73.48        |
| 1789   | 11/8/2021  | 6          | 7        | 82.35      | Yes           | 19.27          | -63.08        |
| 1790   | 11/8/2021  | 6          | 8        | 92.80      | Yes           | 19.27          | -73.53        |
| 1791   | 11/8/2021  | 6          | 9        | 92.80      | Yes           | 19.27          | -73.53        |
| 1792   | 11/8/2021  | 6          | 10       | 92.34      | Yes           | 19.27          | -73.07        |
| 1793   | 11/8/2021  | 6          | 11       | 86.07      | Yes           | 19.27          | -66.80        |
| 1794   | 11/8/2021  | 6          | 12       | 85.81      | Yes           | 19.27          | -66.54        |
| 1795   | 11/8/2021  | 7          | 1        | 76.81      | Yes           | 19.27          | -57.54        |
| 1796   | 11/8/2021  | 7          | 2        | 79.13      | Yes           | 19.27          | -59.86        |
| 1797   | 11/8/2021  | 7          | 3        | 76.18      | Yes           | 19.27          | -56.91        |
| 1798   | 11/8/2021  | 7          | 4        | 75.43      | Yes           | 19.27          | -56.16        |
| 1799   | 11/8/2021  | 7          | 5        | 75.43      | Yes           | 19.27          | -56.16        |
| 1800   | 11/8/2021  | 7          | 6        | 75.61      | Yes           | 19.27          | -56.34        |
| 1801   | 11/8/2021  | 7          | 7        | 85.21      | Yes           | 19.27          | -65.94        |
| 1802   | 11/8/2021  | 7          | 8        | 79.09      | Yes           | 19.27          | -59.82        |
| 1803   | 11/8/2021  | 7          | 9        | 75.31      | Yes           | 19.27          | -56.04        |
| 1804   | 11/8/2021  | 7          | 10       | 75.35      | Yes           | 19.27          | -56.08        |
| 1805   | 11/8/2021  | 7          | 11       | 73.59      | Yes           | 19.27          | -54.32        |
| 1806   | 11/8/2021  | 7          | 12       | 72.06      | Yes           | 19.27          | -52.79        |
| 1807   | 11/8/2021  | 8          | 1        | 102.05     | Yes           | 19.27          | -82.78        |
| 1808   | 11/8/2021  | 8          | 2        | 100.72     | Yes           | 19.27          | -81.45        |
| 1809   | 11/8/2021  | 8          | 3        | 97.73      | Yes           | 19.27          | -78.46        |
| 1810   | 11/8/2021  | 8          | 4        | 66.44      | Yes           | 19.27          | -47.17        |
| 1811   | 11/8/2021  | 8          | 5        | 55.55      | Yes           | 19.27          | -36.28        |
| 1812   | 11/8/2021  | 8          | 6        | 50.63      | Yes           | 19.27          | -31.36        |
| 1813   | 11/8/2021  | 8          | 7        | 64.71      | Yes           | 19.27          | -45.44        |
| 1814   | 11/8/2021  | 8          | 8        | 62.55      | Yes           | 19.27          | -43.28        |
| 1815   | 11/8/2021  | 8          | 9        | 59.15      | Yes           | 19.27          | -39.88        |
| 1816   | 11/8/2021  | 8          | 10       | 57.51      | Yes           | 19.27          | -38.24        |
| 1817   | 11/8/2021  | 8          | 11       | 56.56      | Yes           | 19.27          | -37.29        |
| 1818   | 11/8/2021  | 8          | 12       | 54.43      | Yes           | 19.27          | -35.16        |
| 1819   | 11/8/2021  | 9          | 1        | 58.20      | Yes           | 19.27          | -38.93        |
| 1820   | 11/8/2021  | 9          | 2        | 60.20      | Yes           | 19.27          | -40.93        |

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| 1821   | 11/8/2021  | 9          | 3        | 58.05      | Yes           | 19.27          | -38.78        |
| 1822   | 11/8/2021  | 9          | 4        | 54.59      | Yes           | 19.27          | -35.32        |
| 1823   | 11/8/2021  | 9          | 5        | 53.17      | Yes           | 19.27          | -33.90        |
| 1824   | 11/8/2021  | 9          | 6        | 52.95      | Yes           | 19.27          | -33.68        |
| 1825   | 11/8/2021  | 9          | 7        | 46.55      | Yes           | 19.27          | -27.28        |
| 1826   | 11/8/2021  | 9          | 8        | 50.79      | Yes           | 19.27          | -31.52        |
| 1827   | 11/8/2021  | 9          | 9        | 52.04      | Yes           | 19.27          | -32.77        |
| 1828   | 11/8/2021  | 9          | 10       | 41.90      | Yes           | 19.27          | -22.63        |
| 1829   | 11/8/2021  | 9          | 11       | 40.42      | Yes           | 19.27          | -21.15        |
| 1830   | 11/8/2021  | 9          | 12       | 40.42      | Yes           | 19.27          | -21.15        |
| 1831   | 11/8/2021  | 10         | 1        | 42.71      | Yes           | 19.27          | -23.44        |
| 1832   | 11/8/2021  | 10         | 2        | 48.79      | Yes           | 19.27          | -29.52        |
| 1833   | 11/8/2021  | 10         | 3        | 41.70      | Yes           | 19.27          | -22.43        |
| 1834   | 11/8/2021  | 10         | 4        | 41.81      | Yes           | 19.27          | -22.54        |
| 1835   | 11/8/2021  | 10         | 5        | 41.39      | Yes           | 19.27          | -22.12        |
| 1836   | 11/8/2021  | 10         | 6        | 41.39      | Yes           | 19.27          | -22.12        |
| 1837   | 11/8/2021  | 10         | 7        | 43.40      | Yes           | 19.27          | -24.13        |
| 1838   | 11/8/2021  | 10         | 8        | 46.13      | Yes           | 19.27          | -26.86        |
| 1839   | 11/8/2021  | 10         | 9        | 41.67      | Yes           | 19.27          | -22.40        |
| 1840   | 11/8/2021  | 10         | 10       | 38.97      | Yes           | 19.27          | -19.70        |
| 1841   | 11/8/2021  | 10         | 11       | 42.09      | Yes           | 19.27          | -22.82        |
| 1842   | 11/8/2021  | 10         | 12       | 38.48      | Yes           | 19.27          | -19.21        |
| 1843   | 11/8/2021  | 11         | 1        | 43.69      | Yes           | 19.27          | -24.42        |
| 1844   | 11/8/2021  | 11         | 2        | 43.01      | Yes           | 19.27          | -23.74        |
| 1845   | 11/8/2021  | 11         | 3        | 38.62      | Yes           | 19.27          | -19.35        |
| 1846   | 11/8/2021  | 11         | 4        | 40.41      | Yes           | 19.27          | -21.14        |
| 1847   | 11/8/2021  | 11         | 5        | 39.43      | Yes           | 19.27          | -20.16        |
| 1848   | 11/8/2021  | 11         | 6        | 39.25      | Yes           | 19.27          | -19.98        |
| 1849   | 11/8/2021  | 11         | 7        | 40.24      | Yes           | 19.27          | -20.97        |
| 1850   | 11/8/2021  | 11         | 8        | 41.25      | Yes           | 19.27          | -21.98        |
| 1851   | 11/8/2021  | 11         | 9        | 41.59      | Yes           | 19.27          | -22.32        |
| 1852   | 11/8/2021  | 11         | 10       | 40.16      | Yes           | 19.27          | -20.89        |
| 1853   | 11/8/2021  | 11         | 11       | 39.98      | Yes           | 19.27          | -20.71        |
| 1854   | 11/8/2021  | 11         | 12       | 37.19      | Yes           | 19.27          | -17.92        |
| 1855   | 11/8/2021  | 12         | 1        | 36.58      | Yes           | 19.27          | -17.31        |
| 1856   | 11/8/2021  | 12         | 2        | 37.60      | Yes           | 19.27          | -18.33        |
| 1857   | 11/8/2021  | 12         | 3        | 37.74      | Yes           | 19.27          | -18.47        |
| 1858   | 11/8/2021  | 12         | 4        | 37.46      | Yes           | 19.27          | -18.19        |

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| 1859   | 11/8/2021  | 12         | 5        | 38.79      | Yes           | 19.27          | -19.52        |
| 1860   | 11/8/2021  | 12         | 6        | 38.48      | Yes           | 19.27          | -19.21        |
| 1861   | 11/8/2021  | 12         | 7        | 36.41      | Yes           | 19.27          | -17.14        |
| 1862   | 11/8/2021  | 12         | 8        | 37.31      | Yes           | 19.27          | -18.04        |
| 1863   | 11/8/2021  | 12         | 9        | 35.66      | Yes           | 19.27          | -16.39        |
| 1864   | 11/8/2021  | 12         | 10       | 35.41      | Yes           | 19.27          | -16.14        |
| 1865   | 11/8/2021  | 12         | 11       | 36.31      | Yes           | 19.27          | -17.04        |
| 1866   | 11/8/2021  | 12         | 12       | 39.65      | Yes           | 19.27          | -20.38        |
| 1867   | 11/8/2021  | 13         | 1        | 39.49      | Yes           | 19.27          | -20.22        |
| 1868   | 11/8/2021  | 13         | 2        | 40.35      | Yes           | 19.27          | -21.08        |
| 1869   | 11/8/2021  | 13         | 3        | 38.45      | Yes           | 19.27          | -19.18        |
| 1870   | 11/8/2021  | 13         | 4        | 37.68      | Yes           | 19.27          | -18.41        |
| 1871   | 11/8/2021  | 13         | 5        | 38.41      | Yes           | 19.27          | -19.14        |
| 1872   | 11/8/2021  | 13         | 6        | 38.42      | Yes           | 19.27          | -19.15        |
| 1873   | 11/8/2021  | 13         | 7        | 38.16      | Yes           | 19.27          | -18.89        |
| 1874   | 11/8/2021  | 13         | 8        | 38.94      | Yes           | 19.27          | -19.67        |
| 1875   | 11/8/2021  | 13         | 9        | 34.92      | Yes           | 19.27          | -15.65        |
| 1876   | 11/8/2021  | 13         | 10       | 32.49      | Yes           | 19.27          | -13.22        |
| 1877   | 11/8/2021  | 13         | 11       | 32.28      | Yes           | 19.27          | -13.01        |
| 1878   | 11/8/2021  | 13         | 12       | 32.48      | Yes           | 19.27          | -13.21        |
| 1879   | 11/8/2021  | 14         | 1        | 34.29      | Yes           | 19.27          | -15.02        |
| 1880   | 11/8/2021  | 14         | 2        | 34.84      | Yes           | 19.27          | -15.57        |
| 1881   | 11/8/2021  | 14         | 3        | 39.81      | Yes           | 19.27          | -20.54        |
| 1882   | 11/8/2021  | 14         | 4        | 43.14      | Yes           | 19.27          | -23.87        |
| 1883   | 11/8/2021  | 14         | 5        | 43.88      | Yes           | 19.27          | -24.61        |
| 1884   | 11/8/2021  | 14         | 6        | 43.45      | Yes           | 19.27          | -24.18        |
| 1885   | 11/8/2021  | 14         | 7        | 40.53      | Yes           | 19.27          | -21.26        |
| 1886   | 11/8/2021  | 14         | 8        | 44.27      | Yes           | 19.27          | -25.00        |
| 1887   | 11/8/2021  | 14         | 9        | 40.39      | Yes           | 19.27          | -21.12        |
| 1888   | 11/8/2021  | 14         | 10       | 38.09      | Yes           | 19.27          | -18.82        |
| 1889   | 11/8/2021  | 14         | 11       | 39.36      | Yes           | 19.27          | -20.09        |
| 1890   | 11/8/2021  | 14         | 12       | 38.64      | Yes           | 19.27          | -19.37        |
| 1891   | 11/8/2021  | 15         | 1        | 34.69      | Yes           | 19.27          | -15.42        |
| 1892   | 11/8/2021  | 15         | 2        | 33.74      | Yes           | 19.27          | -14.47        |
| 1893   | 11/8/2021  | 15         | 3        | 33.66      | Yes           | 19.27          | -14.39        |
| 1894   | 11/8/2021  | 15         | 4        | 34.74      | Yes           | 19.27          | -15.47        |
| 1895   | 11/8/2021  | 15         | 5        | 35.60      | Yes           | 19.27          | -16.33        |
| 1896   | 11/8/2021  | 15         | 6        | 45.91      | Yes           | 19.27          | -26.64        |

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| 1897   | 11/8/2021  | 15         | 7        | 38.99      | Yes           | 19.27          | -19.72        |
| 1898   | 11/8/2021  | 15         | 8        | 47.55      | Yes           | 19.27          | -28.28        |
| 1899   | 11/8/2021  | 15         | 9        | 51.11      | Yes           | 19.27          | -31.84        |
| 1900   | 11/8/2021  | 15         | 10       | 51.89      | Yes           | 19.27          | -32.62        |
| 1901   | 11/8/2021  | 15         | 11       | 54.40      | Yes           | 19.27          | -35.13        |
| 1902   | 11/8/2021  | 15         | 12       | 54.76      | Yes           | 19.27          | -35.49        |
| 1903   | 11/8/2021  | 16         | 1        | 46.55      | Yes           | 19.27          | -27.28        |
| 1904   | 11/8/2021  | 16         | 2        | 49.79      | Yes           | 19.27          | -30.52        |
| 1905   | 11/8/2021  | 16         | 3        | 51.87      | Yes           | 19.27          | -32.60        |
| 1906   | 11/8/2021  | 16         | 4        | 55.85      | Yes           | 19.27          | -36.58        |
| 1907   | 11/8/2021  | 16         | 5        | 66.97      | Yes           | 19.27          | -47.70        |
| 1908   | 11/8/2021  | 16         | 6        | 85.59      | Yes           | 19.27          | -66.32        |
| 1909   | 11/8/2021  | 16         | 7        | 81.93      | Yes           | 19.27          | -62.66        |
| 1910   | 11/8/2021  | 16         | 8        | 91.85      | Yes           | 19.27          | -72.58        |
| 1911   | 11/8/2021  | 16         | 9        | 294.88     | Yes           | 19.27          | -275.61       |
| 1912   | 11/8/2021  | 16         | 10       | 261.67     | Yes           | 19.27          | -242.40       |
| 1913   | 11/8/2021  | 16         | 11       | 155.21     | Yes           | 19.27          | -135.94       |
| 1914   | 11/8/2021  | 16         | 12       | 191.82     | Yes           | 19.27          | -172.55       |
| 1915   | 11/8/2021  | 17         | 1        | 79.19      | Yes           | 19.27          | -59.92        |
| 1916   | 11/8/2021  | 17         | 2        | 77.49      | Yes           | 19.27          | -58.22        |
| 1917   | 11/8/2021  | 17         | 3        | 65.14      | Yes           | 19.27          | -45.87        |
| 1918   | 11/8/2021  | 20         | 4        | 62.40      | Yes           | 19.27          | -43.13        |
| 1919   | 11/8/2021  | 20         | 5        | 62.24      | Yes           | 19.27          | -42.97        |
| 1920   | 11/8/2021  | 20         | 6        | 62.77      | Yes           | 19.27          | -43.50        |
| 1921   | 11/8/2021  | 20         | 7        | 61.80      | Yes           | 19.27          | -42.53        |
| 1922   | 11/8/2021  | 20         | 8        | 80.53      | Yes           | 19.27          | -61.26        |
| 1923   | 11/8/2021  | 20         | 9        | 73.08      | Yes           | 19.27          | -53.81        |
| 1924   | 11/8/2021  | 20         | 10       | 72.29      | Yes           | 19.27          | -53.02        |
| 1925   | 11/8/2021  | 20         | 11       | 71.24      | Yes           | 19.27          | -51.97        |
| 1926   | 11/8/2021  | 20         | 12       | 72.08      | Yes           | 19.27          | -52.81        |
| 1927   | 11/8/2021  | 21         | 1        | 86.79      | Yes           | 19.27          | -67.52        |
| 1928   | 11/8/2021  | 21         | 2        | 86.50      | Yes           | 19.27          | -67.23        |
| 1929   | 11/8/2021  | 21         | 3        | 82.61      | Yes           | 19.27          | -63.34        |
| 1930   | 11/8/2021  | 21         | 4        | 84.15      | Yes           | 19.27          | -64.88        |
| 1931   | 11/8/2021  | 21         | 5        | 71.88      | Yes           | 19.27          | -52.61        |
| 1932   | 11/8/2021  | 21         | 6        | 74.60      | Yes           | 19.27          | -55.33        |
| 1933   | 11/8/2021  | 21         | 7        | 71.80      | Yes           | 19.27          | -52.53        |
| 1934   | 11/8/2021  | 21         | 8        | 72.43      | Yes           | 19.27          | -53.16        |



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| 1935   | 11/8/2021  | 21         | 9        | 71.90      | Yes           | 19.27          | -52.63        |
| 1936   | 11/8/2021  | 21         | 10       | 67.59      | Yes           | 19.27          | -48.32        |
| 1937   | 11/8/2021  | 21         | 11       | 67.62      | Yes           | 19.27          | -48.35        |
| 1938   | 11/8/2021  | 21         | 12       | 71.45      | Yes           | 19.27          | -52.18        |
| 1939   | 11/8/2021  | 22         | 1        | 90.39      | Yes           | 19.27          | -71.12        |
| 1940   | 11/8/2021  | 22         | 2        | 90.39      | Yes           | 19.27          | -71.12        |
| 1941   | 11/8/2021  | 22         | 3        | 79.71      | Yes           | 19.27          | -60.44        |
| 1942   | 11/8/2021  | 22         | 4        | 79.08      | Yes           | 19.27          | -59.81        |
| 1943   | 11/8/2021  | 22         | 5        | 81.04      | Yes           | 19.27          | -61.77        |
| 1944   | 11/8/2021  | 22         | 6        | 75.86      | Yes           | 19.27          | -56.59        |
| 1945   | 11/8/2021  | 22         | 7        | 76.00      | Yes           | 19.27          | -56.73        |
| 1946   | 11/8/2021  | 22         | 8        | 63.52      | Yes           | 19.27          | -44.25        |
| 1947   | 11/8/2021  | 22         | 9        | 64.07      | Yes           | 19.27          | -44.80        |
| 1948   | 11/8/2021  | 22         | 10       | 61.90      | Yes           | 19.27          | -42.63        |
| 1949   | 11/8/2021  | 22         | 11       | 61.87      | Yes           | 19.27          | -42.60        |
| 1950   | 11/8/2021  | 22         | 12       | 61.27      | Yes           | 19.27          | -42.00        |
| 1951   | 11/8/2021  | 23         | 1        | 67.57      | Yes           | 19.27          | -48.30        |
| 1952   | 11/8/2021  | 23         | 2        | 67.39      | Yes           | 19.27          | -48.12        |
| 1953   | 11/8/2021  | 23         | 3        | 65.37      | Yes           | 19.27          | -46.10        |
| 1954   | 11/8/2021  | 23         | 4        | 67.32      | Yes           | 19.27          | -48.05        |
| 1955   | 11/8/2021  | 23         | 5        | 66.75      | Yes           | 19.27          | -47.48        |
| 1956   | 11/8/2021  | 23         | 6        | 65.73      | Yes           | 19.27          | -46.46        |
| 1957   | 11/8/2021  | 23         | 7        | 57.71      | Yes           | 19.27          | -38.44        |
| 1958   | 11/8/2021  | 23         | 8        | 59.19      | Yes           | 19.27          | -39.92        |
| 1959   | 11/8/2021  | 23         | 9        | 58.90      | Yes           | 19.27          | -39.63        |
| 1960   | 11/8/2021  | 23         | 10       | 54.84      | Yes           | 19.27          | -35.57        |
| 1961   | 11/8/2021  | 23         | 11       | 53.70      | Yes           | 19.27          | -34.43        |
| 1962   | 11/8/2021  | 23         | 12       | 53.34      | Yes           | 19.27          | -34.07        |
| 1963   | 11/8/2021  | 24         | 1        | 58.76      | Yes           | 19.27          | -39.49        |
| 1964   | 11/8/2021  | 24         | 2        | 59.29      | Yes           | 19.27          | -40.02        |
| 1965   | 11/8/2021  | 24         | 3        | 58.93      | Yes           | 19.27          | -39.66        |
| 1966   | 11/8/2021  | 24         | 4        | 56.40      | Yes           | 19.27          | -37.13        |
| 1967   | 11/8/2021  | 24         | 5        | 55.82      | Yes           | 19.27          | -36.55        |
| 1968   | 11/8/2021  | 24         | 6        | 54.09      | Yes           | 19.27          | -34.82        |
| 1969   | 11/8/2021  | 24         | 7        | 53.02      | Yes           | 19.27          | -33.75        |
| 1970   | 11/8/2021  | 24         | 8        | 53.32      | Yes           | 19.27          | -34.05        |
| 1971   | 11/8/2021  | 24         | 9        | 53.90      | Yes           | 19.27          | -34.63        |
| 1972   | 11/8/2021  | 24         | 10       | 53.19      | Yes           | 19.27          | -33.92        |

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| 1973   | 11/8/2021  | 24         | 11       | 52.64      | Yes           | 19.27          | -33.37        |
| 1974   | 11/8/2021  | 24         | 12       | 51.65      | Yes           | 19.27          | -32.38        |
| 1975   | 11/9/2021  | 1          | 1        | 59.38      | Yes           | 19.62          | -39.76        |
| 1976   | 11/9/2021  | 1          | 2        | 60.32      | Yes           | 19.62          | -40.70        |
| 1977   | 11/9/2021  | 1          | 3        | 60.32      | Yes           | 19.62          | -40.70        |
| 1978   | 11/9/2021  | 1          | 4        | 59.05      | Yes           | 19.62          | -39.43        |
| 1979   | 11/9/2021  | 1          | 5        | 58.11      | Yes           | 19.62          | -38.49        |
| 1980   | 11/9/2021  | 1          | 6        | 57.96      | Yes           | 19.62          | -38.34        |
| 1981   | 11/9/2021  | 18         | 8        | 64.58      | Yes           | 19.62          | -44.96        |
| 1982   | 11/9/2021  | 18         | 9        | 62.22      | Yes           | 19.62          | -42.60        |
| 1983   | 11/9/2021  | 18         | 10       | 60.95      | Yes           | 19.62          | -41.33        |
| 1984   | 11/9/2021  | 18         | 11       | 60.84      | Yes           | 19.62          | -41.22        |
| 1985   | 11/9/2021  | 18         | 12       | 59.56      | Yes           | 19.62          | -39.94        |
| 1986   | 11/9/2021  | 19         | 1        | 76.43      | Yes           | 19.62          | -56.81        |
| 1987   | 11/9/2021  | 19         | 2        | 73.49      | Yes           | 19.62          | -53.87        |
| 1988   | 11/9/2021  | 19         | 3        | 73.51      | Yes           | 19.62          | -53.89        |
| 1989   | 11/9/2021  | 19         | 4        | 69.23      | Yes           | 19.62          | -49.61        |
| 1990   | 11/9/2021  | 19         | 5        | 69.97      | Yes           | 19.62          | -50.35        |
| 1991   | 11/9/2021  | 19         | 6        | 70.15      | Yes           | 19.62          | -50.53        |
| 1992   | 11/9/2021  | 19         | 7        | 67.91      | Yes           | 19.62          | -48.29        |
| 1993   | 11/9/2021  | 19         | 8        | 72.65      | Yes           | 19.62          | -53.03        |
| 1994   | 11/9/2021  | 19         | 9        | 75.53      | Yes           | 19.62          | -55.91        |
| 1995   | 11/9/2021  | 19         | 10       | 66.67      | Yes           | 19.62          | -47.05        |
| 1996   | 11/9/2021  | 19         | 11       | 67.49      | Yes           | 19.62          | -47.87        |
| 1997   | 11/9/2021  | 19         | 12       | 67.73      | Yes           | 19.62          | -48.11        |
| 1998   | 11/9/2021  | 20         | 1        | 70.42      | Yes           | 19.62          | -50.80        |
| 1999   | 11/9/2021  | 20         | 2        | 66.59      | Yes           | 19.62          | -46.97        |
| 2000   | 11/9/2021  | 20         | 3        | 62.88      | Yes           | 19.62          | -43.26        |
| 2001   | 11/9/2021  | 20         | 4        | 62.47      | Yes           | 19.62          | -42.85        |
| 2002   | 11/9/2021  | 20         | 5        | 64.88      | Yes           | 19.62          | -45.26        |
| 2003   | 11/9/2021  | 20         | 6        | 68.88      | Yes           | 19.62          | -49.26        |
| 2004   | 11/9/2021  | 20         | 7        | 66.84      | Yes           | 19.62          | -47.22        |
| 2005   | 11/9/2021  | 20         | 8        | 65.29      | Yes           | 19.62          | -45.67        |
| 2006   | 11/9/2021  | 20         | 9        | 68.19      | Yes           | 19.62          | -48.57        |
| 2007   | 11/9/2021  | 20         | 10       | 67.48      | Yes           | 19.62          | -47.86        |
| 2008   | 11/9/2021  | 20         | 11       | 69.15      | Yes           | 19.62          | -49.53        |
| 2009   | 11/9/2021  | 20         | 12       | 69.18      | Yes           | 19.62          | -49.56        |
| 2010   | 11/9/2021  | 21         | 1        | 68.02      | Yes           | 19.62          | -48.40        |

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| 2011   | 11/9/2021  | 21         | 2        | 67.66      | Yes           | 19.62          | -48.04        |
| 2012   | 11/9/2021  | 21         | 3        | 63.37      | Yes           | 19.62          | -43.75        |
| 2013   | 11/9/2021  | 21         | 4        | 61.93      | Yes           | 19.62          | -42.31        |
| 2014   | 11/9/2021  | 21         | 5        | 63.66      | Yes           | 19.62          | -44.04        |
| 2015   | 11/9/2021  | 21         | 6        | 66.94      | Yes           | 19.62          | -47.32        |
| 2016   | 11/9/2021  | 21         | 7        | 66.32      | Yes           | 19.62          | -46.70        |
| 2017   | 11/9/2021  | 21         | 8        | 66.32      | Yes           | 19.62          | -46.70        |
| 2018   | 11/9/2021  | 21         | 9        | 66.25      | Yes           | 19.62          | -46.63        |
| 2019   | 11/9/2021  | 21         | 10       | 67.22      | Yes           | 19.62          | -47.60        |
| 2020   | 11/9/2021  | 21         | 11       | 60.52      | Yes           | 19.62          | -40.90        |
| 2021   | 11/9/2021  | 21         | 12       | 60.12      | Yes           | 19.62          | -40.50        |
| 2022   | 11/9/2021  | 22         | 1        | 66.79      | Yes           | 19.62          | -47.17        |
| 2023   | 11/9/2021  | 22         | 2        | 62.56      | Yes           | 19.62          | -42.94        |
| 2024   | 11/9/2021  | 22         | 3        | 60.22      | Yes           | 19.62          | -40.60        |
| 2025   | 11/9/2021  | 22         | 4        | 58.01      | Yes           | 19.62          | -38.39        |
| 2026   | 11/9/2021  | 22         | 5        | 55.09      | Yes           | 19.62          | -35.47        |
| 2027   | 11/9/2021  | 22         | 6        | 55.01      | Yes           | 19.62          | -35.39        |
| 2028   | 11/9/2021  | 22         | 7        | 54.28      | Yes           | 19.62          | -34.66        |
| 2029   | 11/9/2021  | 22         | 8        | 53.02      | Yes           | 19.62          | -33.40        |
| 2030   | 11/9/2021  | 22         | 9        | 52.22      | Yes           | 19.62          | -32.60        |
| 2031   | 11/9/2021  | 22         | 10       | 50.26      | Yes           | 19.62          | -30.64        |
| 2032   | 11/9/2021  | 22         | 11       | 49.27      | Yes           | 19.62          | -29.65        |
| 2033   | 11/9/2021  | 22         | 12       | 48.24      | Yes           | 19.62          | -28.62        |
| 2034   | 11/9/2021  | 23         | 1        | 53.67      | Yes           | 19.62          | -34.05        |
| 2035   | 11/9/2021  | 23         | 2        | 52.86      | Yes           | 19.62          | -33.24        |
| 2036   | 11/9/2021  | 23         | 3        | 53.32      | Yes           | 19.62          | -33.70        |
| 2037   | 11/9/2021  | 23         | 4        | 52.04      | Yes           | 19.62          | -32.42        |
| 2038   | 11/9/2021  | 23         | 5        | 51.54      | Yes           | 19.62          | -31.92        |
| 2039   | 11/9/2021  | 23         | 6        | 52.19      | Yes           | 19.62          | -32.57        |
| 2040   | 11/9/2021  | 23         | 7        | 50.82      | Yes           | 19.62          | -31.20        |
| 2041   | 11/9/2021  | 23         | 8        | 50.46      | Yes           | 19.62          | -30.84        |
| 2042   | 11/9/2021  | 23         | 9        | 50.45      | Yes           | 19.62          | -30.83        |
| 2043   | 11/9/2021  | 23         | 10       | 49.97      | Yes           | 19.62          | -30.35        |
| 2044   | 11/9/2021  | 23         | 11       | 49.60      | Yes           | 19.62          | -29.98        |
| 2045   | 11/9/2021  | 23         | 12       | 49.06      | Yes           | 19.62          | -29.44        |
| 2046   | 11/9/2021  | 24         | 1        | 47.25      | Yes           | 19.62          | -27.63        |
| 2047   | 11/9/2021  | 24         | 2        | 47.34      | Yes           | 19.62          | -27.72        |
| 2048   | 11/9/2021  | 24         | 3        | 47.41      | Yes           | 19.62          | -27.79        |

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| 2049   | 11/9/2021  | 24         | 4        | 47.00      | Yes           | 19.62          | -27.38        |
| 2050   | 11/9/2021  | 24         | 5        | 47.06      | Yes           | 19.62          | -27.44        |
| 2051   | 11/9/2021  | 24         | 6        | 47.24      | Yes           | 19.62          | -27.62        |
| 2052   | 11/9/2021  | 24         | 7        | 46.68      | Yes           | 19.62          | -27.06        |
| 2053   | 11/9/2021  | 24         | 8        | 46.50      | Yes           | 19.62          | -26.88        |
| 2054   | 11/9/2021  | 24         | 9        | 46.29      | Yes           | 19.62          | -26.67        |
| 2055   | 11/9/2021  | 24         | 10       | 45.55      | Yes           | 19.62          | -25.93        |
| 2056   | 11/9/2021  | 24         | 11       | 44.70      | Yes           | 19.62          | -25.08        |
| 2057   | 11/9/2021  | 24         | 12       | 44.78      | Yes           | 19.62          | -25.16        |
| 2058   | 11/10/2021 | 1          | 1        | 47.31      | Yes           | 19.26          | -28.05        |
| 2059   | 11/10/2021 | 1          | 2        | 46.58      | Yes           | 19.26          | -27.32        |
| 2060   | 11/10/2021 | 1          | 3        | 47.54      | Yes           | 19.26          | -28.28        |
| 2061   | 11/10/2021 | 1          | 4        | 47.23      | Yes           | 19.26          | -27.97        |
| 2062   | 11/10/2021 | 1          | 5        | 45.61      | Yes           | 19.26          | -26.35        |
| 2063   | 11/10/2021 | 1          | 6        | 45.71      | Yes           | 19.26          | -26.45        |
| 2064   | 11/10/2021 | 1          | 7        | 45.55      | Yes           | 19.26          | -26.29        |
| 2065   | 11/10/2021 | 1          | 8        | 45.24      | Yes           | 19.26          | -25.98        |
| 2066   | 11/10/2021 | 1          | 9        | 44.24      | Yes           | 19.26          | -24.98        |
| 2067   | 11/10/2021 | 1          | 10       | 43.71      | Yes           | 19.26          | -24.45        |
| 2068   | 11/10/2021 | 1          | 11       | 43.56      | Yes           | 19.26          | -24.30        |
| 2069   | 11/10/2021 | 1          | 12       | 43.56      | Yes           | 19.26          | -24.30        |
| 2070   | 11/10/2021 | 2          | 1        | 44.68      | Yes           | 19.26          | -25.42        |
| 2071   | 11/10/2021 | 2          | 2        | 44.45      | Yes           | 19.26          | -25.19        |
| 2072   | 11/10/2021 | 2          | 3        | 44.68      | Yes           | 19.26          | -25.42        |
| 2073   | 11/10/2021 | 2          | 4        | 44.39      | Yes           | 19.26          | -25.13        |
| 2074   | 11/10/2021 | 2          | 5        | 43.28      | Yes           | 19.26          | -24.02        |
| 2075   | 11/10/2021 | 2          | 6        | 43.32      | Yes           | 19.26          | -24.06        |
| 2076   | 11/10/2021 | 2          | 7        | 42.96      | Yes           | 19.26          | -23.70        |
| 2077   | 11/10/2021 | 2          | 8        | 42.96      | Yes           | 19.26          | -23.70        |
| 2078   | 11/10/2021 | 2          | 9        | 43.08      | Yes           | 19.26          | -23.82        |
| 2079   | 11/10/2021 | 2          | 10       | 42.94      | Yes           | 19.26          | -23.68        |
| 2080   | 11/10/2021 | 2          | 11       | 42.94      | Yes           | 19.26          | -23.68        |
| 2081   | 11/10/2021 | 2          | 12       | 42.78      | Yes           | 19.26          | -23.52        |
| 2082   | 11/10/2021 | 3          | 1        | 45.08      | Yes           | 19.26          | -25.82        |
| 2083   | 11/10/2021 | 3          | 2        | 45.01      | Yes           | 19.26          | -25.75        |
| 2084   | 11/10/2021 | 3          | 3        | 45.35      | Yes           | 19.26          | -26.09        |
| 2085   | 11/10/2021 | 3          | 4        | 44.73      | Yes           | 19.26          | -25.47        |
| 2086   | 11/10/2021 | 3          | 5        | 44.32      | Yes           | 19.26          | -25.06        |

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| 2087   | 11/10/2021 | 3          | 6        | 44.60      | Yes           | 19.26          | -25.34        |
| 2088   | 11/10/2021 | 3          | 7        | 44.17      | Yes           | 19.26          | -24.91        |
| 2089   | 11/10/2021 | 3          | 8        | 43.64      | Yes           | 19.26          | -24.38        |
| 2090   | 11/10/2021 | 3          | 9        | 42.87      | Yes           | 19.26          | -23.61        |
| 2091   | 11/10/2021 | 3          | 10       | 42.93      | Yes           | 19.26          | -23.67        |
| 2092   | 11/10/2021 | 3          | 11       | 42.93      | Yes           | 19.26          | -23.67        |
| 2093   | 11/10/2021 | 3          | 12       | 42.93      | Yes           | 19.26          | -23.67        |
| 2094   | 11/10/2021 | 4          | 1        | 43.38      | Yes           | 19.26          | -24.12        |
| 2095   | 11/10/2021 | 4          | 2        | 43.38      | Yes           | 19.26          | -24.12        |
| 2096   | 11/10/2021 | 4          | 3        | 43.58      | Yes           | 19.26          | -24.32        |
| 2097   | 11/10/2021 | 4          | 4        | 43.56      | Yes           | 19.26          | -24.30        |
| 2098   | 11/10/2021 | 4          | 5        | 43.54      | Yes           | 19.26          | -24.28        |
| 2099   | 11/10/2021 | 4          | 6        | 43.49      | Yes           | 19.26          | -24.23        |
| 2100   | 11/10/2021 | 4          | 7        | 43.19      | Yes           | 19.26          | -23.93        |
| 2101   | 11/10/2021 | 4          | 8        | 43.16      | Yes           | 19.26          | -23.90        |
| 2102   | 11/10/2021 | 4          | 9        | 42.90      | Yes           | 19.26          | -23.64        |
| 2103   | 11/10/2021 | 4          | 10       | 42.82      | Yes           | 19.26          | -23.56        |
| 2104   | 11/10/2021 | 4          | 11       | 40.61      | Yes           | 19.26          | -21.35        |
| 2105   | 11/10/2021 | 4          | 12       | 41.19      | Yes           | 19.26          | -21.93        |
| 2106   | 11/10/2021 | 5          | 1        | 40.15      | Yes           | 19.26          | -20.89        |
| 2107   | 11/10/2021 | 5          | 2        | 40.14      | Yes           | 19.26          | -20.88        |
| 2108   | 11/10/2021 | 5          | 3        | 40.14      | Yes           | 19.26          | -20.88        |
| 2109   | 11/10/2021 | 5          | 4        | 42.71      | Yes           | 19.26          | -23.45        |
| 2110   | 11/10/2021 | 5          | 5        | 42.71      | Yes           | 19.26          | -23.45        |
| 2111   | 11/10/2021 | 5          | 6        | 42.71      | Yes           | 19.26          | -23.45        |
| 2112   | 11/10/2021 | 5          | 7        | 43.07      | Yes           | 19.26          | -23.81        |
| 2113   | 11/10/2021 | 5          | 8        | 43.18      | Yes           | 19.26          | -23.92        |
| 2114   | 11/10/2021 | 5          | 9        | 43.66      | Yes           | 19.26          | -24.40        |
| 2115   | 11/10/2021 | 5          | 10       | 44.13      | Yes           | 19.26          | -24.87        |
| 2116   | 11/10/2021 | 5          | 11       | 45.24      | Yes           | 19.26          | -25.98        |
| 2117   | 11/10/2021 | 5          | 12       | 45.51      | Yes           | 19.26          | -26.25        |
| 2118   | 11/10/2021 | 6          | 1        | 43.75      | Yes           | 19.26          | -24.49        |
| 2119   | 11/10/2021 | 6          | 2        | 44.59      | Yes           | 19.26          | -25.33        |
| 2120   | 11/10/2021 | 6          | 3        | 46.38      | Yes           | 19.26          | -27.12        |
| 2121   | 11/10/2021 | 6          | 4        | 48.20      | Yes           | 19.26          | -28.94        |
| 2122   | 11/10/2021 | 6          | 5        | 50.34      | Yes           | 19.26          | -31.08        |
| 2123   | 11/10/2021 | 6          | 6        | 51.55      | Yes           | 19.26          | -32.29        |
| 2124   | 11/10/2021 | 6          | 7        | 55.67      | Yes           | 19.26          | -36.41        |

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| 2125   | 11/10/2021 | 6          | 8        | 60.74      | Yes           | 19.26          | -41.48        |
| 2126   | 11/10/2021 | 6          | 9        | 60.74      | Yes           | 19.26          | -41.48        |
| 2127   | 11/10/2021 | 6          | 10       | 66.07      | Yes           | 19.26          | -46.81        |
| 2128   | 11/10/2021 | 6          | 11       | 68.00      | Yes           | 19.26          | -48.74        |
| 2129   | 11/10/2021 | 6          | 12       | 64.90      | Yes           | 19.26          | -45.64        |
| 2130   | 11/10/2021 | 7          | 1        | 54.83      | Yes           | 19.26          | -35.57        |
| 2131   | 11/10/2021 | 7          | 2        | 55.33      | Yes           | 19.26          | -36.07        |
| 2132   | 11/10/2021 | 7          | 3        | 55.02      | Yes           | 19.26          | -35.76        |
| 2133   | 11/10/2021 | 7          | 4        | 57.06      | Yes           | 19.26          | -37.80        |
| 2134   | 11/10/2021 | 7          | 5        | 60.50      | Yes           | 19.26          | -41.24        |
| 2135   | 11/10/2021 | 7          | 6        | 62.80      | Yes           | 19.26          | -43.54        |
| 2136   | 11/10/2021 | 7          | 7        | 61.64      | Yes           | 19.26          | -42.38        |
| 2137   | 11/10/2021 | 7          | 8        | 61.64      | Yes           | 19.26          | -42.38        |
| 2138   | 11/10/2021 | 7          | 9        | 62.57      | Yes           | 19.26          | -43.31        |
| 2139   | 11/10/2021 | 7          | 10       | 64.96      | Yes           | 19.26          | -45.70        |
| 2140   | 11/10/2021 | 7          | 11       | 64.77      | Yes           | 19.26          | -45.51        |
| 2141   | 11/10/2021 | 7          | 12       | 64.77      | Yes           | 19.26          | -45.51        |
| 2142   | 11/10/2021 | 8          | 1        | 97.71      | Yes           | 19.26          | -78.45        |
| 2143   | 11/10/2021 | 8          | 2        | 77.70      | Yes           | 19.26          | -58.44        |
| 2144   | 11/10/2021 | 8          | 3        | 77.70      | Yes           | 19.26          | -58.44        |
| 2145   | 11/10/2021 | 8          | 4        | 77.62      | Yes           | 19.26          | -58.36        |
| 2146   | 11/10/2021 | 8          | 5        | 58.91      | Yes           | 19.26          | -39.65        |
| 2147   | 11/10/2021 | 8          | 6        | 54.90      | Yes           | 19.26          | -35.64        |
| 2148   | 11/10/2021 | 8          | 7        | 49.11      | Yes           | 19.26          | -29.85        |
| 2149   | 11/10/2021 | 8          | 8        | 46.76      | Yes           | 19.26          | -27.50        |
| 2150   | 11/10/2021 | 8          | 9        | 46.12      | Yes           | 19.26          | -26.86        |
| 2151   | 11/10/2021 | 8          | 10       | 44.74      | Yes           | 19.26          | -25.48        |
| 2152   | 11/10/2021 | 8          | 11       | 42.49      | Yes           | 19.26          | -23.23        |
| 2153   | 11/10/2021 | 8          | 12       | 41.60      | Yes           | 19.26          | -22.34        |
| 2154   | 11/10/2021 | 9          | 1        | 46.48      | Yes           | 19.26          | -27.22        |
| 2155   | 11/10/2021 | 9          | 2        | 46.32      | Yes           | 19.26          | -27.06        |
| 2156   | 11/10/2021 | 9          | 3        | 44.01      | Yes           | 19.26          | -24.75        |
| 2157   | 11/10/2021 | 9          | 4        | 43.08      | Yes           | 19.26          | -23.82        |
| 2158   | 11/10/2021 | 9          | 5        | 42.37      | Yes           | 19.26          | -23.11        |
| 2159   | 11/10/2021 | 9          | 6        | 43.92      | Yes           | 19.26          | -24.66        |
| 2160   | 11/10/2021 | 9          | 7        | 48.59      | Yes           | 19.26          | -29.33        |
| 2161   | 11/10/2021 | 9          | 8        | 46.79      | Yes           | 19.26          | -27.53        |
| 2162   | 11/10/2021 | 9          | 9        | 41.04      | Yes           | 19.26          | -21.78        |

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| 2163   | 11/10/2021 | 9          | 10       | 33.38      | Yes           | 19.26          | -14.12        |
| 2164   | 11/10/2021 | 9          | 11       | 33.25      | Yes           | 19.26          | -13.99        |
| 2165   | 11/10/2021 | 9          | 12       | 30.30      | Yes           | 19.26          | -11.04        |
| 2166   | 11/10/2021 | 10         | 1        | 44.08      | Yes           | 19.26          | -24.82        |
| 2167   | 11/10/2021 | 10         | 2        | 40.87      | Yes           | 19.26          | -21.61        |
| 2168   | 11/10/2021 | 10         | 3        | 44.69      | Yes           | 19.26          | -25.43        |
| 2169   | 11/10/2021 | 10         | 4        | 43.85      | Yes           | 19.26          | -24.59        |
| 2170   | 11/10/2021 | 10         | 5        | 45.44      | Yes           | 19.26          | -26.18        |
| 2171   | 11/10/2021 | 10         | 6        | 49.91      | Yes           | 19.26          | -30.65        |
| 2172   | 11/10/2021 | 10         | 7        | 49.26      | Yes           | 19.26          | -30.00        |
| 2173   | 11/10/2021 | 10         | 8        | 49.26      | Yes           | 19.26          | -30.00        |
| 2174   | 11/10/2021 | 10         | 9        | 48.26      | Yes           | 19.26          | -29.00        |
| 2175   | 11/10/2021 | 10         | 10       | 46.98      | Yes           | 19.26          | -27.72        |
| 2176   | 11/10/2021 | 10         | 11       | 45.61      | Yes           | 19.26          | -26.35        |
| 2177   | 11/10/2021 | 10         | 12       | 46.17      | Yes           | 19.26          | -26.91        |
| 2178   | 11/10/2021 | 11         | 1        | 47.11      | Yes           | 19.26          | -27.85        |
| 2179   | 11/10/2021 | 11         | 2        | 48.10      | Yes           | 19.26          | -28.84        |
| 2180   | 11/10/2021 | 11         | 3        | 47.30      | Yes           | 19.26          | -28.04        |
| 2181   | 11/10/2021 | 11         | 4        | 45.82      | Yes           | 19.26          | -26.56        |
| 2182   | 11/10/2021 | 11         | 5        | 47.12      | Yes           | 19.26          | -27.86        |
| 2183   | 11/10/2021 | 11         | 6        | 47.12      | Yes           | 19.26          | -27.86        |
| 2184   | 11/10/2021 | 11         | 7        | 46.66      | Yes           | 19.26          | -27.40        |
| 2185   | 11/10/2021 | 11         | 8        | 47.01      | Yes           | 19.26          | -27.75        |
| 2186   | 11/10/2021 | 11         | 9        | 45.75      | Yes           | 19.26          | -26.49        |
| 2187   | 11/10/2021 | 11         | 10       | 44.59      | Yes           | 19.26          | -25.33        |
| 2188   | 11/10/2021 | 11         | 11       | 44.81      | Yes           | 19.26          | -25.55        |
| 2189   | 11/10/2021 | 11         | 12       | 44.81      | Yes           | 19.26          | -25.55        |
| 2190   | 11/10/2021 | 12         | 1        | 43.97      | Yes           | 19.26          | -24.71        |
| 2191   | 11/10/2021 | 12         | 2        | 41.24      | Yes           | 19.26          | -21.98        |
| 2192   | 11/10/2021 | 12         | 3        | 38.71      | Yes           | 19.26          | -19.45        |
| 2193   | 11/10/2021 | 12         | 4        | 44.00      | Yes           | 19.26          | -24.74        |
| 2194   | 11/10/2021 | 12         | 5        | 42.56      | Yes           | 19.26          | -23.30        |
| 2195   | 11/10/2021 | 12         | 6        | 44.36      | Yes           | 19.26          | -25.10        |
| 2196   | 11/10/2021 | 12         | 7        | 44.64      | Yes           | 19.26          | -25.38        |
| 2197   | 11/10/2021 | 12         | 8        | 44.87      | Yes           | 19.26          | -25.61        |
| 2198   | 11/10/2021 | 12         | 9        | 42.28      | Yes           | 19.26          | -23.02        |
| 2199   | 11/10/2021 | 12         | 10       | 47.43      | Yes           | 19.26          | -28.17        |
| 2200   | 11/10/2021 | 12         | 11       | 45.56      | Yes           | 19.26          | -26.30        |

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| 2201   | 11/10/2021 | 12         | 12       | 43.15      | Yes           | 19.26          | -23.89        |
| 2202   | 11/10/2021 | 13         | 1        | 45.67      | Yes           | 19.26          | -26.41        |
| 2203   | 11/10/2021 | 13         | 2        | 43.41      | Yes           | 19.26          | -24.15        |
| 2204   | 11/10/2021 | 13         | 3        | 43.82      | Yes           | 19.26          | -24.56        |
| 2205   | 11/10/2021 | 13         | 4        | 39.86      | Yes           | 19.26          | -20.60        |
| 2206   | 11/10/2021 | 13         | 5        | 37.05      | Yes           | 19.26          | -17.79        |
| 2207   | 11/10/2021 | 13         | 6        | 36.14      | Yes           | 19.26          | -16.88        |
| 2208   | 11/10/2021 | 13         | 7        | 34.75      | Yes           | 19.26          | -15.49        |
| 2209   | 11/10/2021 | 13         | 8        | 33.77      | Yes           | 19.26          | -14.51        |
| 2210   | 11/10/2021 | 13         | 9        | 40.42      | Yes           | 19.26          | -21.16        |
| 2211   | 11/10/2021 | 13         | 10       | 42.57      | Yes           | 19.26          | -23.31        |
| 2212   | 11/10/2021 | 13         | 11       | 39.15      | Yes           | 19.26          | -19.89        |
| 2213   | 11/10/2021 | 13         | 12       | 36.69      | Yes           | 19.26          | -17.43        |
| 2214   | 11/10/2021 | 14         | 1        | 44.88      | Yes           | 19.26          | -25.62        |
| 2215   | 11/10/2021 | 14         | 2        | 45.86      | Yes           | 19.26          | -26.60        |
| 2216   | 11/10/2021 | 14         | 3        | 45.86      | Yes           | 19.26          | -26.60        |
| 2217   | 11/10/2021 | 14         | 4        | 45.47      | Yes           | 19.26          | -26.21        |
| 2218   | 11/10/2021 | 14         | 5        | 45.36      | Yes           | 19.26          | -26.10        |
| 2219   | 11/10/2021 | 14         | 6        | 45.36      | Yes           | 19.26          | -26.10        |
| 2220   | 11/10/2021 | 14         | 7        | 45.14      | Yes           | 19.26          | -25.88        |
| 2221   | 11/10/2021 | 14         | 8        | 45.40      | Yes           | 19.26          | -26.14        |
| 2222   | 11/10/2021 | 14         | 9        | 45.21      | Yes           | 19.26          | -25.95        |
| 2223   | 11/10/2021 | 14         | 10       | 44.82      | Yes           | 19.26          | -25.56        |
| 2224   | 11/10/2021 | 14         | 11       | 43.18      | Yes           | 19.26          | -23.92        |
| 2225   | 11/10/2021 | 14         | 12       | 42.03      | Yes           | 19.26          | -22.77        |
| 2226   | 11/10/2021 | 15         | 1        | 33.34      | Yes           | 19.26          | -14.08        |
| 2227   | 11/10/2021 | 15         | 2        | 32.58      | Yes           | 19.26          | -13.32        |
| 2228   | 11/10/2021 | 15         | 3        | 28.34      | Yes           | 19.26          | -9.08         |
| 2229   | 11/10/2021 | 15         | 4        | 15.37      | Yes           | 19.26          | 3.89          |
| 2230   | 11/10/2021 | 15         | 5        | 19.34      | Yes           | 19.26          | -0.08         |
| 2231   | 11/10/2021 | 15         | 6        | 19.54      | Yes           | 19.26          | -0.28         |
| 2232   | 11/10/2021 | 15         | 7        | 29.44      | Yes           | 19.26          | -10.18        |
| 2233   | 11/10/2021 | 15         | 8        | 28.38      | Yes           | 19.26          | -9.12         |
| 2234   | 11/10/2021 | 15         | 9        | 30.37      | Yes           | 19.26          | -11.11        |
| 2235   | 11/10/2021 | 15         | 10       | 30.14      | Yes           | 19.26          | -10.88        |
| 2236   | 11/10/2021 | 15         | 11       | 32.38      | Yes           | 19.26          | -13.12        |
| 2237   | 11/10/2021 | 15         | 12       | 30.62      | Yes           | 19.26          | -11.36        |
| 2238   | 11/10/2021 | 16         | 1        | 0.00       | Yes           | 19.26          | 19.26         |



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| 2239   | 11/10/2021 | 16         | 2        | 0.01       | Yes           | 19.26          | 19.25         |
| 2240   | 11/10/2021 | 16         | 3        | 8.49       | Yes           | 19.26          | 10.77         |
| 2241   | 11/10/2021 | 16         | 4        | 29.80      | Yes           | 19.26          | -10.54        |
| 2242   | 11/10/2021 | 16         | 5        | 33.12      | Yes           | 19.26          | -13.86        |
| 2243   | 11/10/2021 | 16         | 6        | 35.62      | Yes           | 19.26          | -16.36        |
| 2244   | 11/10/2021 | 16         | 7        | 40.99      | Yes           | 19.26          | -21.73        |
| 2245   | 11/10/2021 | 16         | 8        | 44.83      | Yes           | 19.26          | -25.57        |
| 2246   | 11/10/2021 | 16         | 9        | 50.53      | Yes           | 19.26          | -31.27        |
| 2247   | 11/10/2021 | 16         | 10       | 52.17      | Yes           | 19.26          | -32.91        |
| 2248   | 11/10/2021 | 16         | 11       | 58.51      | Yes           | 19.26          | -39.25        |
| 2249   | 11/10/2021 | 16         | 12       | 58.67      | Yes           | 19.26          | -39.41        |
| 2250   | 11/10/2021 | 17         | 1        | 45.97      | Yes           | 19.26          | -26.71        |
| 2251   | 11/10/2021 | 17         | 2        | 46.77      | Yes           | 19.26          | -27.51        |
| 2252   | 11/10/2021 | 17         | 3        | 47.69      | Yes           | 19.26          | -28.43        |
| 2253   | 11/10/2021 | 17         | 4        | 49.58      | Yes           | 19.26          | -30.32        |
| 2254   | 11/10/2021 | 17         | 5        | 50.00      | Yes           | 19.26          | -30.74        |
| 2255   | 11/10/2021 | 17         | 6        | 51.65      | Yes           | 19.26          | -32.39        |
| 2256   | 11/10/2021 | 17         | 7        | 53.19      | Yes           | 19.26          | -33.93        |
| 2257   | 11/10/2021 | 17         | 8        | 55.94      | Yes           | 19.26          | -36.68        |
| 2258   | 11/10/2021 | 17         | 9        | 57.79      | Yes           | 19.26          | -38.53        |
| 2259   | 11/10/2021 | 17         | 10       | 54.98      | Yes           | 19.26          | -35.72        |
| 2260   | 11/10/2021 | 17         | 11       | 56.43      | Yes           | 19.26          | -37.17        |
| 2261   | 11/10/2021 | 17         | 12       | 54.98      | Yes           | 19.26          | -35.72        |
| 2262   | 11/10/2021 | 18         | 1        | 51.12      | Yes           | 19.26          | -31.86        |
| 2263   | 11/10/2021 | 18         | 2        | 51.12      | Yes           | 19.26          | -31.86        |
| 2264   | 11/10/2021 | 18         | 3        | 51.72      | Yes           | 19.26          | -32.46        |
| 2265   | 11/10/2021 | 18         | 4        | 53.65      | Yes           | 19.26          | -34.39        |
| 2266   | 11/10/2021 | 18         | 5        | 53.65      | Yes           | 19.26          | -34.39        |
| 2267   | 11/10/2021 | 18         | 10       | 50.97      | Yes           | 19.26          | -31.71        |
| 2268   | 11/10/2021 | 18         | 11       | 50.60      | Yes           | 19.26          | -31.34        |
| 2269   | 11/10/2021 | 18         | 12       | 50.60      | Yes           | 19.26          | -31.34        |
| 2270   | 11/10/2021 | 19         | 1        | 53.92      | Yes           | 19.26          | -34.66        |
| 2271   | 11/10/2021 | 19         | 2        | 53.31      | Yes           | 19.26          | -34.05        |
| 2272   | 11/10/2021 | 19         | 3        | 52.93      | Yes           | 19.26          | -33.67        |
| 2273   | 11/10/2021 | 19         | 4        | 53.70      | Yes           | 19.26          | -34.44        |
| 2274   | 11/10/2021 | 19         | 5        | 53.57      | Yes           | 19.26          | -34.31        |
| 2275   | 11/10/2021 | 19         | 6        | 53.60      | Yes           | 19.26          | -34.34        |
| 2276   | 11/10/2021 | 19         | 7        | 51.43      | Yes           | 19.26          | -32.17        |

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| 2277   | 11/10/2021 | 19         | 8        | 51.71      | Yes           | 19.26          | -32.45        |
| 2278   | 11/10/2021 | 19         | 9        | 51.73      | Yes           | 19.26          | -32.47        |
| 2279   | 11/10/2021 | 19         | 10       | 52.11      | Yes           | 19.26          | -32.85        |
| 2280   | 11/10/2021 | 19         | 11       | 52.11      | Yes           | 19.26          | -32.85        |
| 2281   | 11/10/2021 | 19         | 12       | 52.11      | Yes           | 19.26          | -32.85        |
| 2282   | 11/10/2021 | 20         | 1        | 51.25      | Yes           | 19.26          | -31.99        |
| 2283   | 11/10/2021 | 20         | 2        | 51.03      | Yes           | 19.26          | -31.77        |
| 2284   | 11/10/2021 | 20         | 3        | 52.57      | Yes           | 19.26          | -33.31        |
| 2285   | 11/10/2021 | 20         | 4        | 51.45      | Yes           | 19.26          | -32.19        |
| 2286   | 11/10/2021 | 20         | 5        | 50.77      | Yes           | 19.26          | -31.51        |
| 2287   | 11/10/2021 | 20         | 6        | 50.14      | Yes           | 19.26          | -30.88        |
| 2288   | 11/10/2021 | 20         | 7        | 47.82      | Yes           | 19.26          | -28.56        |
| 2289   | 11/10/2021 | 20         | 8        | 48.10      | Yes           | 19.26          | -28.84        |
| 2290   | 11/10/2021 | 20         | 9        | 48.08      | Yes           | 19.26          | -28.82        |
| 2291   | 11/10/2021 | 20         | 10       | 50.33      | Yes           | 19.26          | -31.07        |
| 2292   | 11/10/2021 | 20         | 11       | 50.51      | Yes           | 19.26          | -31.25        |
| 2293   | 11/10/2021 | 20         | 12       | 48.61      | Yes           | 19.26          | -29.35        |
| 2294   | 11/10/2021 | 21         | 1        | 56.46      | Yes           | 19.26          | -37.20        |
| 2295   | 11/10/2021 | 21         | 2        | 57.00      | Yes           | 19.26          | -37.74        |
| 2296   | 11/10/2021 | 21         | 3        | 56.54      | Yes           | 19.26          | -37.28        |
| 2297   | 11/10/2021 | 21         | 4        | 55.52      | Yes           | 19.26          | -36.26        |
| 2298   | 11/10/2021 | 21         | 5        | 54.05      | Yes           | 19.26          | -34.79        |
| 2299   | 11/10/2021 | 21         | 6        | 53.58      | Yes           | 19.26          | -34.32        |
| 2300   | 11/10/2021 | 21         | 7        | 52.58      | Yes           | 19.26          | -33.32        |
| 2301   | 11/10/2021 | 21         | 8        | 52.58      | Yes           | 19.26          | -33.32        |
| 2302   | 11/10/2021 | 21         | 9        | 52.41      | Yes           | 19.26          | -33.15        |
| 2303   | 11/10/2021 | 21         | 10       | 52.29      | Yes           | 19.26          | -33.03        |
| 2304   | 11/10/2021 | 21         | 11       | 52.40      | Yes           | 19.26          | -33.14        |
| 2305   | 11/10/2021 | 21         | 12       | 50.52      | Yes           | 19.26          | -31.26        |
| 2306   | 11/10/2021 | 22         | 1        | 60.58      | Yes           | 19.26          | -41.32        |
| 2307   | 11/10/2021 | 22         | 2        | 58.27      | Yes           | 19.26          | -39.01        |
| 2308   | 11/10/2021 | 22         | 3        | 58.48      | Yes           | 19.26          | -39.22        |
| 2309   | 11/10/2021 | 22         | 4        | 56.73      | Yes           | 19.26          | -37.47        |
| 2310   | 11/10/2021 | 22         | 5        | 56.29      | Yes           | 19.26          | -37.03        |
| 2311   | 11/10/2021 | 22         | 6        | 53.72      | Yes           | 19.26          | -34.46        |
| 2312   | 11/10/2021 | 22         | 7        | 51.90      | Yes           | 19.26          | -32.64        |
| 2313   | 11/10/2021 | 22         | 8        | 44.74      | Yes           | 19.26          | -25.48        |
| 2314   | 11/10/2021 | 22         | 9        | 45.99      | Yes           | 19.26          | -26.73        |

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| 2315   | 11/10/2021 | 22         | 10       | 45.20      | Yes           | 19.26          | -25.94        |
| 2316   | 11/10/2021 | 22         | 11       | 45.02      | Yes           | 19.26          | -25.76        |
| 2317   | 11/10/2021 | 22         | 12       | 44.89      | Yes           | 19.26          | -25.63        |
| 2318   | 11/10/2021 | 23         | 1        | 58.93      | Yes           | 19.26          | -39.67        |
| 2319   | 11/10/2021 | 23         | 2        | 58.18      | Yes           | 19.26          | -38.92        |
| 2320   | 11/10/2021 | 23         | 3        | 57.72      | Yes           | 19.26          | -38.46        |
| 2321   | 11/10/2021 | 23         | 4        | 57.37      | Yes           | 19.26          | -38.11        |
| 2322   | 11/10/2021 | 23         | 5        | 54.46      | Yes           | 19.26          | -35.20        |
| 2323   | 11/10/2021 | 23         | 6        | 54.23      | Yes           | 19.26          | -34.97        |
| 2324   | 11/10/2021 | 23         | 7        | 51.57      | Yes           | 19.26          | -32.31        |
| 2325   | 11/10/2021 | 23         | 8        | 50.72      | Yes           | 19.26          | -31.46        |
| 2326   | 11/10/2021 | 23         | 9        | 49.62      | Yes           | 19.26          | -30.36        |
| 2327   | 11/10/2021 | 23         | 10       | 49.79      | Yes           | 19.26          | -30.53        |
| 2328   | 11/10/2021 | 23         | 11       | 49.73      | Yes           | 19.26          | -30.47        |
| 2329   | 11/10/2021 | 23         | 12       | 49.73      | Yes           | 19.26          | -30.47        |
| 2330   | 11/10/2021 | 24         | 1        | 50.31      | Yes           | 19.26          | -31.05        |
| 2331   | 11/10/2021 | 24         | 2        | 49.47      | Yes           | 19.26          | -30.21        |
| 2332   | 11/10/2021 | 24         | 3        | 50.30      | Yes           | 19.26          | -31.04        |
| 2333   | 11/10/2021 | 24         | 4        | 50.80      | Yes           | 19.26          | -31.54        |
| 2334   | 11/10/2021 | 24         | 5        | 50.80      | Yes           | 19.26          | -31.54        |
| 2335   | 11/10/2021 | 24         | 6        | 50.81      | Yes           | 19.26          | -31.55        |
| 2336   | 11/12/2021 | 7          | 1        | 48.16      | Yes           | 18.76          | -29.40        |
| 2337   | 11/12/2021 | 7          | 2        | 47.01      | Yes           | 18.76          | -28.25        |
| 2338   | 11/12/2021 | 7          | 3        | 46.54      | Yes           | 18.76          | -27.78        |
| 2339   | 11/12/2021 | 7          | 4        | 48.24      | Yes           | 18.76          | -29.48        |
| 2340   | 11/12/2021 | 7          | 5        | 48.13      | Yes           | 18.76          | -29.37        |
| 2341   | 11/12/2021 | 7          | 6        | 48.31      | Yes           | 18.76          | -29.55        |
| 2342   | 11/12/2021 | 7          | 7        | 49.25      | Yes           | 18.76          | -30.49        |
| 2343   | 11/12/2021 | 7          | 8        | 48.45      | Yes           | 18.76          | -29.69        |
| 2344   | 11/12/2021 | 7          | 9        | 46.78      | Yes           | 18.76          | -28.02        |
| 2345   | 11/12/2021 | 7          | 10       | 47.10      | Yes           | 18.76          | -28.34        |
| 2346   | 11/12/2021 | 7          | 11       | 46.60      | Yes           | 18.76          | -27.84        |
| 2347   | 11/12/2021 | 7          | 12       | 46.70      | Yes           | 18.76          | -27.94        |
| 2348   | 11/12/2021 | 8          | 1        | 50.46      | Yes           | 18.76          | -31.70        |
| 2349   | 11/12/2021 | 8          | 2        | 49.64      | Yes           | 18.76          | -30.88        |
| 2350   | 11/12/2021 | 8          | 3        | 48.53      | Yes           | 18.76          | -29.77        |
| 2351   | 11/12/2021 | 8          | 4        | 47.87      | Yes           | 18.76          | -29.11        |
| 2352   | 11/12/2021 | 8          | 5        | 45.46      | Yes           | 18.76          | -26.70        |

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| 2353   | 11/12/2021 | 8          | 6        | 45.00      | Yes           | 18.76          | -26.24        |
| 2354   | 11/12/2021 | 8          | 7        | 39.69      | Yes           | 18.76          | -20.93        |
| 2355   | 11/12/2021 | 8          | 8        | 38.22      | Yes           | 18.76          | -19.46        |
| 2356   | 11/12/2021 | 8          | 9        | 37.54      | Yes           | 18.76          | -18.78        |
| 2357   | 11/12/2021 | 8          | 10       | 33.81      | Yes           | 18.76          | -15.05        |
| 2358   | 11/12/2021 | 8          | 11       | 32.62      | Yes           | 18.76          | -13.86        |
| 2359   | 11/12/2021 | 8          | 12       | 29.78      | Yes           | 18.76          | -11.02        |
| 2360   | 11/12/2021 | 9          | 1        | 39.09      | Yes           | 18.76          | -20.33        |
| 2361   | 11/12/2021 | 9          | 2        | 41.19      | Yes           | 18.76          | -22.43        |
| 2362   | 11/12/2021 | 9          | 3        | 43.53      | Yes           | 18.76          | -24.77        |
| 2363   | 11/12/2021 | 9          | 4        | 41.24      | Yes           | 18.76          | -22.48        |
| 2364   | 11/12/2021 | 9          | 5        | 41.35      | Yes           | 18.76          | -22.59        |
| 2365   | 11/12/2021 | 9          | 6        | 39.22      | Yes           | 18.76          | -20.46        |
| 2366   | 11/12/2021 | 9          | 7        | 38.78      | Yes           | 18.76          | -20.02        |
| 2367   | 11/12/2021 | 9          | 8        | 36.56      | Yes           | 18.76          | -17.80        |
| 2368   | 11/12/2021 | 9          | 9        | 35.62      | Yes           | 18.76          | -16.86        |
| 2369   | 11/12/2021 | 9          | 10       | 36.30      | Yes           | 18.76          | -17.54        |
| 2370   | 11/12/2021 | 9          | 11       | 36.30      | Yes           | 18.76          | -17.54        |
| 2371   | 11/12/2021 | 9          | 12       | 36.25      | Yes           | 18.76          | -17.49        |
| 2372   | 11/12/2021 | 10         | 1        | 32.25      | Yes           | 18.76          | -13.49        |
| 2373   | 11/12/2021 | 10         | 2        | 35.94      | Yes           | 18.76          | -17.18        |
| 2374   | 11/12/2021 | 10         | 3        | 34.31      | Yes           | 18.76          | -15.55        |
| 2375   | 11/12/2021 | 10         | 4        | 33.07      | Yes           | 18.76          | -14.31        |
| 2376   | 11/12/2021 | 10         | 5        | 34.93      | Yes           | 18.76          | -16.17        |
| 2377   | 11/12/2021 | 10         | 6        | 34.94      | Yes           | 18.76          | -16.18        |
| 2378   | 11/12/2021 | 10         | 7        | 34.03      | Yes           | 18.76          | -15.27        |
| 2379   | 11/12/2021 | 10         | 8        | 34.36      | Yes           | 18.76          | -15.60        |
| 2380   | 11/12/2021 | 10         | 9        | 35.15      | Yes           | 18.76          | -16.39        |
| 2381   | 11/12/2021 | 10         | 10       | 35.02      | Yes           | 18.76          | -16.26        |
| 2382   | 11/12/2021 | 10         | 11       | 36.44      | Yes           | 18.76          | -17.68        |
| 2383   | 11/12/2021 | 10         | 12       | 36.98      | Yes           | 18.76          | -18.22        |
| 2384   | 11/12/2021 | 11         | 1        | 35.64      | Yes           | 18.76          | -16.88        |
| 2385   | 11/12/2021 | 11         | 2        | 36.70      | Yes           | 18.76          | -17.94        |
| 2386   | 11/12/2021 | 11         | 3        | 37.40      | Yes           | 18.76          | -18.64        |
| 2387   | 11/12/2021 | 11         | 4        | 36.42      | Yes           | 18.76          | -17.66        |
| 2388   | 11/12/2021 | 11         | 5        | 36.51      | Yes           | 18.76          | -17.75        |
| 2389   | 11/12/2021 | 11         | 6        | 35.91      | Yes           | 18.76          | -17.15        |
| 2390   | 11/12/2021 | 11         | 7        | 36.39      | Yes           | 18.76          | -17.63        |

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| 2391   | 11/12/2021 | 11         | 8        | 36.95      | Yes           | 18.76          | -18.19        |
| 2392   | 11/12/2021 | 11         | 9        | 36.95      | Yes           | 18.76          | -18.19        |
| 2393   | 11/12/2021 | 11         | 10       | 36.30      | Yes           | 18.76          | -17.54        |
| 2394   | 11/12/2021 | 11         | 11       | 36.59      | Yes           | 18.76          | -17.83        |
| 2395   | 11/12/2021 | 11         | 12       | 36.76      | Yes           | 18.76          | -18.00        |
| 2396   | 11/12/2021 | 12         | 1        | 38.43      | Yes           | 18.76          | -19.67        |
| 2397   | 11/12/2021 | 12         | 2        | 38.84      | Yes           | 18.76          | -20.08        |
| 2398   | 11/12/2021 | 12         | 3        | 39.36      | Yes           | 18.76          | -20.60        |
| 2399   | 11/12/2021 | 12         | 4        | 39.24      | Yes           | 18.76          | -20.48        |
| 2400   | 11/12/2021 | 12         | 5        | 37.90      | Yes           | 18.76          | -19.14        |
| 2401   | 11/12/2021 | 12         | 6        | 38.06      | Yes           | 18.76          | -19.30        |
| 2402   | 11/12/2021 | 12         | 7        | 35.31      | Yes           | 18.76          | -16.55        |
| 2403   | 11/12/2021 | 12         | 8        | 35.31      | Yes           | 18.76          | -16.55        |
| 2404   | 11/12/2021 | 12         | 9        | 35.31      | Yes           | 18.76          | -16.55        |
| 2405   | 11/12/2021 | 12         | 10       | 34.16      | Yes           | 18.76          | -15.40        |
| 2406   | 11/12/2021 | 12         | 11       | 35.01      | Yes           | 18.76          | -16.25        |
| 2407   | 11/12/2021 | 12         | 12       | 35.95      | Yes           | 18.76          | -17.19        |
| 2408   | 11/12/2021 | 13         | 1        | 39.26      | Yes           | 18.76          | -20.50        |
| 2409   | 11/12/2021 | 13         | 2        | 39.63      | Yes           | 18.76          | -20.87        |
| 2410   | 11/12/2021 | 13         | 3        | 36.10      | Yes           | 18.76          | -17.34        |
| 2411   | 11/12/2021 | 13         | 4        | 35.18      | Yes           | 18.76          | -16.42        |
| 2412   | 11/12/2021 | 13         | 5        | 35.18      | Yes           | 18.76          | -16.42        |
| 2413   | 11/12/2021 | 13         | 6        | 35.02      | Yes           | 18.76          | -16.26        |
| 2414   | 11/12/2021 | 13         | 7        | 34.01      | Yes           | 18.76          | -15.25        |
| 2415   | 11/12/2021 | 13         | 8        | 33.82      | Yes           | 18.76          | -15.06        |
| 2416   | 11/12/2021 | 13         | 9        | 34.92      | Yes           | 18.76          | -16.16        |
| 2417   | 11/12/2021 | 13         | 10       | 35.01      | Yes           | 18.76          | -16.25        |
| 2418   | 11/12/2021 | 13         | 11       | 35.12      | Yes           | 18.76          | -16.36        |
| 2419   | 11/12/2021 | 13         | 12       | 35.18      | Yes           | 18.76          | -16.42        |
| 2420   | 11/12/2021 | 14         | 1        | 31.59      | Yes           | 18.76          | -12.83        |
| 2421   | 11/12/2021 | 14         | 2        | 31.59      | Yes           | 18.76          | -12.83        |
| 2422   | 11/12/2021 | 14         | 3        | 34.30      | Yes           | 18.76          | -15.54        |
| 2423   | 11/12/2021 | 14         | 4        | 34.59      | Yes           | 18.76          | -15.83        |
| 2424   | 11/12/2021 | 14         | 5        | 35.14      | Yes           | 18.76          | -16.38        |
| 2425   | 11/12/2021 | 14         | 6        | 35.54      | Yes           | 18.76          | -16.78        |
| 2426   | 11/12/2021 | 14         | 7        | 34.31      | Yes           | 18.76          | -15.55        |
| 2427   | 11/12/2021 | 14         | 8        | 34.46      | Yes           | 18.76          | -15.70        |
| 2428   | 11/12/2021 | 14         | 9        | 35.30      | Yes           | 18.76          | -16.54        |

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| 2429   | 11/12/2021 | 14         | 10       | 37.25      | Yes           | 18.76          | -18.49        |
| 2430   | 11/12/2021 | 14         | 11       | 38.21      | Yes           | 18.76          | -19.45        |
| 2431   | 11/12/2021 | 14         | 12       | 38.30      | Yes           | 18.76          | -19.54        |
| 2432   | 11/12/2021 | 15         | 1        | 34.24      | Yes           | 18.76          | -15.48        |
| 2433   | 11/12/2021 | 15         | 2        | 34.19      | Yes           | 18.76          | -15.43        |
| 2434   | 11/12/2021 | 15         | 3        | 33.69      | Yes           | 18.76          | -14.93        |
| 2435   | 11/12/2021 | 15         | 4        | 32.85      | Yes           | 18.76          | -14.09        |
| 2436   | 11/12/2021 | 15         | 5        | 34.14      | Yes           | 18.76          | -15.38        |
| 2437   | 11/12/2021 | 15         | 6        | 34.02      | Yes           | 18.76          | -15.26        |
| 2438   | 11/12/2021 | 15         | 7        | 35.87      | Yes           | 18.76          | -17.11        |
| 2439   | 11/12/2021 | 15         | 8        | 38.92      | Yes           | 18.76          | -20.16        |
| 2440   | 11/12/2021 | 15         | 9        | 40.32      | Yes           | 18.76          | -21.56        |
| 2441   | 11/12/2021 | 15         | 10       | 40.84      | Yes           | 18.76          | -22.08        |
| 2442   | 11/12/2021 | 15         | 11       | 40.86      | Yes           | 18.76          | -22.10        |
| 2443   | 11/12/2021 | 15         | 12       | 41.08      | Yes           | 18.76          | -22.32        |
| 2444   | 11/12/2021 | 16         | 1        | 33.99      | Yes           | 18.76          | -15.23        |
| 2445   | 11/12/2021 | 16         | 2        | 34.59      | Yes           | 18.76          | -15.83        |
| 2446   | 11/12/2021 | 16         | 3        | 37.73      | Yes           | 18.76          | -18.97        |
| 2447   | 11/12/2021 | 16         | 4        | 40.44      | Yes           | 18.76          | -21.68        |
| 2448   | 11/12/2021 | 16         | 5        | 42.19      | Yes           | 18.76          | -23.43        |
| 2449   | 11/12/2021 | 16         | 6        | 42.86      | Yes           | 18.76          | -24.10        |
| 2450   | 11/12/2021 | 16         | 7        | 42.51      | Yes           | 18.76          | -23.75        |
| 2451   | 11/12/2021 | 16         | 8        | 44.28      | Yes           | 18.76          | -25.52        |
| 2452   | 11/12/2021 | 16         | 9        | 48.98      | Yes           | 18.76          | -30.22        |
| 2453   | 11/12/2021 | 16         | 10       | 58.68      | Yes           | 18.76          | -39.92        |
| 2454   | 11/12/2021 | 16         | 11       | 61.87      | Yes           | 18.76          | -43.11        |
| 2455   | 11/12/2021 | 16         | 12       | 52.76      | Yes           | 18.76          | -34.00        |
| 2456   | 11/12/2021 | 17         | 7        | 37.38      | Yes           | 18.76          | -18.62        |
| 2457   | 11/12/2021 | 17         | 8        | 37.23      | Yes           | 18.76          | -18.47        |
| 2458   | 11/12/2021 | 17         | 9        | 38.93      | Yes           | 18.76          | -20.17        |
| 2459   | 11/12/2021 | 17         | 10       | 41.13      | Yes           | 18.76          | -22.37        |
| 2460   | 11/12/2021 | 17         | 11       | 41.63      | Yes           | 18.76          | -22.87        |
| 2461   | 11/12/2021 | 17         | 12       | 40.73      | Yes           | 18.76          | -21.97        |
| 2462   | 11/12/2021 | 18         | 1        | 37.12      | Yes           | 18.76          | -18.36        |
| 2463   | 11/12/2021 | 18         | 2        | 36.01      | Yes           | 18.76          | -17.25        |
| 2464   | 11/12/2021 | 18         | 3        | 35.83      | Yes           | 18.76          | -17.07        |
| 2465   | 11/12/2021 | 18         | 4        | 39.94      | Yes           | 18.76          | -21.18        |
| 2466   | 11/12/2021 | 18         | 5        | 39.31      | Yes           | 18.76          | -20.55        |

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| 2467   | 11/12/2021 | 18         | 6        | 40.69      | Yes           | 18.76          | -21.93        |
| 2468   | 11/12/2021 | 18         | 7        | 39.62      | Yes           | 18.76          | -20.86        |
| 2469   | 11/12/2021 | 18         | 8        | 38.19      | Yes           | 18.76          | -19.43        |
| 2470   | 11/12/2021 | 18         | 9        | 38.26      | Yes           | 18.76          | -19.50        |
| 2471   | 11/12/2021 | 18         | 10       | 36.69      | Yes           | 18.76          | -17.93        |
| 2472   | 11/12/2021 | 18         | 11       | 35.71      | Yes           | 18.76          | -16.95        |
| 2473   | 11/12/2021 | 18         | 12       | 36.32      | Yes           | 18.76          | -17.56        |
| 2474   | 11/12/2021 | 19         | 1        | 38.69      | Yes           | 18.76          | -19.93        |
| 2475   | 11/12/2021 | 19         | 2        | 37.51      | Yes           | 18.76          | -18.75        |
| 2476   | 11/12/2021 | 19         | 3        | 36.79      | Yes           | 18.76          | -18.03        |
| 2477   | 11/12/2021 | 19         | 4        | 37.39      | Yes           | 18.76          | -18.63        |
| 2478   | 11/12/2021 | 19         | 5        | 37.59      | Yes           | 18.76          | -18.83        |
| 2479   | 11/12/2021 | 19         | 6        | 37.57      | Yes           | 18.76          | -18.81        |
| 2480   | 11/12/2021 | 19         | 7        | 37.41      | Yes           | 18.76          | -18.65        |
| 2481   | 11/12/2021 | 19         | 8        | 36.98      | Yes           | 18.76          | -18.22        |
| 2482   | 11/12/2021 | 19         | 9        | 36.86      | Yes           | 18.76          | -18.10        |
| 2483   | 11/12/2021 | 19         | 10       | 37.02      | Yes           | 18.76          | -18.26        |
| 2484   | 11/12/2021 | 19         | 11       | 36.23      | Yes           | 18.76          | -17.47        |
| 2485   | 11/12/2021 | 19         | 12       | 36.12      | Yes           | 18.76          | -17.36        |
| 2486   | 11/12/2021 | 20         | 1        | 39.98      | Yes           | 18.76          | -21.22        |
| 2487   | 11/12/2021 | 20         | 2        | 40.08      | Yes           | 18.76          | -21.32        |
| 2488   | 11/12/2021 | 20         | 3        | 39.98      | Yes           | 18.76          | -21.22        |
| 2489   | 11/12/2021 | 20         | 4        | 37.91      | Yes           | 18.76          | -19.15        |
| 2490   | 11/12/2021 | 20         | 5        | 38.61      | Yes           | 18.76          | -19.85        |
| 2491   | 11/12/2021 | 20         | 6        | 38.07      | Yes           | 18.76          | -19.31        |
| 2492   | 11/12/2021 | 20         | 7        | 39.02      | Yes           | 18.76          | -20.26        |
| 2493   | 11/12/2021 | 20         | 8        | 39.12      | Yes           | 18.76          | -20.36        |
| 2494   | 11/12/2021 | 20         | 9        | 39.77      | Yes           | 18.76          | -21.01        |
| 2495   | 11/12/2021 | 20         | 10       | 38.37      | Yes           | 18.76          | -19.61        |
| 2496   | 11/12/2021 | 20         | 11       | 39.20      | Yes           | 18.76          | -20.44        |
| 2497   | 11/12/2021 | 20         | 12       | 39.59      | Yes           | 18.76          | -20.83        |
| 2498   | 11/12/2021 | 21         | 1        | 43.97      | Yes           | 18.76          | -25.21        |
| 2499   | 11/12/2021 | 21         | 2        | 44.41      | Yes           | 18.76          | -25.65        |
| 2500   | 11/12/2021 | 21         | 3        | 44.13      | Yes           | 18.76          | -25.37        |
| 2501   | 11/12/2021 | 21         | 4        | 41.67      | Yes           | 18.76          | -22.91        |
| 2502   | 11/12/2021 | 21         | 5        | 41.83      | Yes           | 18.76          | -23.07        |
| 2503   | 11/12/2021 | 21         | 6        | 40.78      | Yes           | 18.76          | -22.02        |
| 2504   | 11/12/2021 | 21         | 7        | 37.78      | Yes           | 18.76          | -19.02        |

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| 2505   | 11/12/2021 | 21         | 8        | 41.16      | Yes           | 18.76          | -22.40        |
| 2506   | 11/12/2021 | 21         | 9        | 41.16      | Yes           | 18.76          | -22.40        |
| 2507   | 11/12/2021 | 21         | 10       | 40.31      | Yes           | 18.76          | -21.55        |
| 2508   | 11/12/2021 | 21         | 11       | 39.95      | Yes           | 18.76          | -21.19        |
| 2509   | 11/12/2021 | 21         | 12       | 39.94      | Yes           | 18.76          | -21.18        |
| 2510   | 11/12/2021 | 22         | 1        | 43.28      | Yes           | 18.76          | -24.52        |
| 2511   | 11/12/2021 | 22         | 2        | 44.12      | Yes           | 18.76          | -25.36        |
| 2512   | 11/12/2021 | 22         | 3        | 46.23      | Yes           | 18.76          | -27.47        |
| 2513   | 11/12/2021 | 22         | 4        | 43.54      | Yes           | 18.76          | -24.78        |
| 2514   | 11/12/2021 | 22         | 5        | 41.42      | Yes           | 18.76          | -22.66        |
| 2515   | 11/12/2021 | 22         | 6        | 40.04      | Yes           | 18.76          | -21.28        |
| 2516   | 11/12/2021 | 22         | 7        | 38.62      | Yes           | 18.76          | -19.86        |
| 2517   | 11/12/2021 | 22         | 8        | 37.63      | Yes           | 18.76          | -18.87        |
| 2518   | 11/12/2021 | 22         | 9        | 37.06      | Yes           | 18.76          | -18.30        |
| 2519   | 11/12/2021 | 22         | 10       | 36.65      | Yes           | 18.76          | -17.89        |
| 2520   | 11/12/2021 | 22         | 11       | 35.96      | Yes           | 18.76          | -17.20        |
| 2521   | 11/12/2021 | 22         | 12       | 35.90      | Yes           | 18.76          | -17.14        |
| 2522   | 11/12/2021 | 23         | 1        | 39.17      | Yes           | 18.76          | -20.41        |
| 2523   | 11/12/2021 | 23         | 2        | 39.50      | Yes           | 18.76          | -20.74        |
| 2524   | 11/12/2021 | 23         | 3        | 39.99      | Yes           | 18.76          | -21.23        |
| 2525   | 11/12/2021 | 23         | 4        | 39.49      | Yes           | 18.76          | -20.73        |
| 2526   | 11/12/2021 | 23         | 5        | 38.91      | Yes           | 18.76          | -20.15        |
| 2527   | 11/12/2021 | 23         | 6        | 38.58      | Yes           | 18.76          | -19.82        |
| 2528   | 11/12/2021 | 23         | 7        | 36.30      | Yes           | 18.76          | -17.54        |
| 2529   | 11/12/2021 | 23         | 8        | 35.73      | Yes           | 18.76          | -16.97        |
| 2530   | 11/12/2021 | 23         | 9        | 35.12      | Yes           | 18.76          | -16.36        |
| 2531   | 11/12/2021 | 23         | 10       | 34.86      | Yes           | 18.76          | -16.10        |
| 2532   | 11/12/2021 | 23         | 11       | 34.81      | Yes           | 18.76          | -16.05        |
| 2533   | 11/12/2021 | 23         | 12       | 34.81      | Yes           | 18.76          | -16.05        |
| 2534   | 11/12/2021 | 24         | 1        | 34.73      | Yes           | 18.76          | -15.97        |
| 2535   | 11/12/2021 | 24         | 2        | 34.64      | Yes           | 18.76          | -15.88        |
| 2536   | 11/12/2021 | 24         | 3        | 35.42      | Yes           | 18.76          | -16.66        |
| 2537   | 11/12/2021 | 24         | 4        | 34.11      | Yes           | 18.76          | -15.35        |
| 2538   | 11/12/2021 | 24         | 5        | 34.59      | Yes           | 18.76          | -15.83        |
| 2539   | 11/12/2021 | 24         | 6        | 34.59      | Yes           | 18.76          | -15.83        |
| 2540   | 11/12/2021 | 24         | 7        | 33.58      | Yes           | 18.76          | -14.82        |
| 2541   | 11/12/2021 | 24         | 8        | 33.65      | Yes           | 18.76          | -14.89        |
| 2542   | 11/12/2021 | 24         | 9        | 33.65      | Yes           | 18.76          | -14.89        |



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| 2543   | 11/12/2021 | 24         | 10       | 33.52      | Yes           | 18.76          | -14.76        |
| 2544   | 11/12/2021 | 24         | 11       | 33.20      | Yes           | 18.76          | -14.44        |
| 2545   | 11/12/2021 | 24         | 12       | 32.50      | Yes           | 18.76          | -13.74        |
| 2546   | 11/13/2021 | 1          | 1        | 32.32      | Yes           | 18.41          | -13.91        |
| 2547   | 11/13/2021 | 1          | 2        | 34.11      | Yes           | 18.41          | -15.70        |
| 2548   | 11/13/2021 | 1          | 3        | 34.26      | Yes           | 18.41          | -15.85        |
| 2549   | 11/13/2021 | 1          | 4        | 34.20      | Yes           | 18.41          | -15.79        |
| 2550   | 11/13/2021 | 1          | 5        | 34.91      | Yes           | 18.41          | -16.50        |
| 2551   | 11/13/2021 | 1          | 6        | 34.47      | Yes           | 18.41          | -16.06        |
| 2552   | 11/13/2021 | 1          | 7        | 38.78      | Yes           | 18.41          | -20.37        |
| 2553   | 11/13/2021 | 1          | 8        | 38.78      | Yes           | 18.41          | -20.37        |
| 2554   | 11/13/2021 | 1          | 9        | 38.13      | Yes           | 18.41          | -19.72        |
| 2555   | 11/13/2021 | 1          | 10       | 37.88      | Yes           | 18.41          | -19.47        |
| 2556   | 11/13/2021 | 1          | 11       | 37.89      | Yes           | 18.41          | -19.48        |
| 2557   | 11/13/2021 | 1          | 12       | 37.78      | Yes           | 18.41          | -19.37        |
| 2558   | 11/13/2021 | 2          | 1        | 40.60      | Yes           | 18.41          | -22.19        |
| 2559   | 11/13/2021 | 2          | 2        | 40.64      | Yes           | 18.41          | -22.23        |
| 2560   | 11/13/2021 | 2          | 3        | 40.85      | Yes           | 18.41          | -22.44        |
| 2561   | 11/13/2021 | 2          | 4        | 40.94      | Yes           | 18.41          | -22.53        |
| 2562   | 11/13/2021 | 2          | 5        | 40.40      | Yes           | 18.41          | -21.99        |
| 2563   | 11/13/2021 | 2          | 6        | 40.94      | Yes           | 18.41          | -22.53        |
| 2564   | 11/13/2021 | 2          | 7        | 40.23      | Yes           | 18.41          | -21.82        |
| 2565   | 11/13/2021 | 2          | 8        | 39.82      | Yes           | 18.41          | -21.41        |
| 2566   | 11/13/2021 | 2          | 9        | 39.16      | Yes           | 18.41          | -20.75        |
| 2567   | 11/13/2021 | 2          | 10       | 39.15      | Yes           | 18.41          | -20.74        |
| 2568   | 11/13/2021 | 2          | 11       | 39.25      | Yes           | 18.41          | -20.84        |
| 2569   | 11/13/2021 | 2          | 12       | 39.37      | Yes           | 18.41          | -20.96        |
| 2570   | 11/13/2021 | 3          | 1        | 41.14      | Yes           | 18.41          | -22.73        |
| 2571   | 11/13/2021 | 3          | 2        | 40.82      | Yes           | 18.41          | -22.41        |
| 2572   | 11/13/2021 | 3          | 3        | 40.55      | Yes           | 18.41          | -22.14        |
| 2573   | 11/13/2021 | 3          | 4        | 40.77      | Yes           | 18.41          | -22.36        |
| 2574   | 11/13/2021 | 3          | 5        | 41.05      | Yes           | 18.41          | -22.64        |
| 2575   | 11/13/2021 | 3          | 6        | 40.77      | Yes           | 18.41          | -22.36        |
| 2576   | 11/13/2021 | 3          | 7        | 40.46      | Yes           | 18.41          | -22.05        |
| 2577   | 11/13/2021 | 3          | 8        | 40.46      | Yes           | 18.41          | -22.05        |
| 2578   | 11/13/2021 | 3          | 9        | 40.44      | Yes           | 18.41          | -22.03        |
| 2579   | 11/13/2021 | 3          | 10       | 40.35      | Yes           | 18.41          | -21.94        |
| 2580   | 11/13/2021 | 3          | 11       | 40.17      | Yes           | 18.41          | -21.76        |

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| 2581   | 11/13/2021 | 3          | 12       | 40.15      | Yes           | 18.41          | -21.74        |
| 2582   | 11/13/2021 | 4          | 1        | 40.96      | Yes           | 18.41          | -22.55        |
| 2583   | 11/13/2021 | 4          | 2        | 41.08      | Yes           | 18.41          | -22.67        |
| 2584   | 11/13/2021 | 4          | 3        | 40.87      | Yes           | 18.41          | -22.46        |
| 2585   | 11/13/2021 | 4          | 4        | 40.90      | Yes           | 18.41          | -22.49        |
| 2586   | 11/13/2021 | 4          | 5        | 40.92      | Yes           | 18.41          | -22.51        |
| 2587   | 11/13/2021 | 4          | 6        | 41.36      | Yes           | 18.41          | -22.95        |
| 2588   | 11/13/2021 | 4          | 7        | 40.66      | Yes           | 18.41          | -22.25        |
| 2589   | 11/13/2021 | 4          | 8        | 40.71      | Yes           | 18.41          | -22.30        |
| 2590   | 11/13/2021 | 4          | 9        | 40.92      | Yes           | 18.41          | -22.51        |
| 2591   | 11/13/2021 | 4          | 10       | 40.94      | Yes           | 18.41          | -22.53        |
| 2592   | 11/13/2021 | 4          | 11       | 40.94      | Yes           | 18.41          | -22.53        |
| 2593   | 11/13/2021 | 4          | 12       | 45.19      | Yes           | 18.41          | -26.78        |
| 2594   | 11/13/2021 | 5          | 1        | 48.44      | Yes           | 18.41          | -30.03        |
| 2595   | 11/13/2021 | 5          | 2        | 56.14      | Yes           | 18.41          | -37.73        |
| 2596   | 11/13/2021 | 5          | 3        | 48.96      | Yes           | 18.41          | -30.55        |
| 2597   | 11/13/2021 | 5          | 4        | 44.77      | Yes           | 18.41          | -26.36        |
| 2598   | 11/13/2021 | 5          | 5        | 44.77      | Yes           | 18.41          | -26.36        |
| 2599   | 11/13/2021 | 5          | 6        | 44.77      | Yes           | 18.41          | -26.36        |
| 2600   | 11/13/2021 | 5          | 7        | 47.05      | Yes           | 18.41          | -28.64        |
| 2601   | 11/13/2021 | 5          | 8        | 47.05      | Yes           | 18.41          | -28.64        |
| 2602   | 11/13/2021 | 5          | 9        | 47.49      | Yes           | 18.41          | -29.08        |
| 2603   | 11/13/2021 | 5          | 10       | 47.40      | Yes           | 18.41          | -28.99        |
| 2604   | 11/13/2021 | 5          | 11       | 47.64      | Yes           | 18.41          | -29.23        |
| 2605   | 11/13/2021 | 5          | 12       | 47.71      | Yes           | 18.41          | -29.30        |
| 2606   | 11/13/2021 | 6          | 1        | 45.16      | Yes           | 18.41          | -26.75        |
| 2607   | 11/13/2021 | 6          | 2        | 45.06      | Yes           | 18.41          | -26.65        |
| 2608   | 11/13/2021 | 6          | 3        | 45.20      | Yes           | 18.41          | -26.79        |
| 2609   | 11/13/2021 | 6          | 4        | 46.71      | Yes           | 18.41          | -28.30        |
| 2610   | 11/13/2021 | 6          | 5        | 48.01      | Yes           | 18.41          | -29.60        |
| 2611   | 11/13/2021 | 6          | 6        | 48.09      | Yes           | 18.41          | -29.68        |
| 2612   | 11/13/2021 | 6          | 7        | 48.86      | Yes           | 18.41          | -30.45        |
| 2613   | 11/13/2021 | 6          | 8        | 48.99      | Yes           | 18.41          | -30.58        |
| 2614   | 11/13/2021 | 6          | 9        | 49.01      | Yes           | 18.41          | -30.60        |
| 2615   | 11/13/2021 | 6          | 10       | 50.35      | Yes           | 18.41          | -31.94        |
| 2616   | 11/13/2021 | 6          | 11       | 50.69      | Yes           | 18.41          | -32.28        |
| 2617   | 11/13/2021 | 6          | 12       | 54.60      | Yes           | 18.41          | -36.19        |
| 2618   | 11/13/2021 | 7          | 1        | 136.32     | Yes           | 18.41          | -117.91       |

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| 2619   | 11/13/2021 | 7          | 2        | 133.49     | Yes           | 18.41          | -115.08       |
| 2620   | 11/13/2021 | 7          | 3        | 106.11     | Yes           | 18.41          | -87.70        |
| 2621   | 11/13/2021 | 7          | 4        | 111.29     | Yes           | 18.41          | -92.88        |
| 2622   | 11/13/2021 | 7          | 5        | 139.66     | Yes           | 18.41          | -121.25       |
| 2623   | 11/13/2021 | 7          | 6        | 77.51      | Yes           | 18.41          | -59.10        |
| 2624   | 11/13/2021 | 7          | 7        | 78.04      | Yes           | 18.41          | -59.63        |
| 2625   | 11/13/2021 | 7          | 8        | 65.07      | Yes           | 18.41          | -46.66        |
| 2626   | 11/13/2021 | 7          | 9        | 64.83      | Yes           | 18.41          | -46.42        |
| 2627   | 11/13/2021 | 7          | 10       | 91.90      | Yes           | 18.41          | -73.49        |
| 2628   | 11/13/2021 | 7          | 11       | 132.09     | Yes           | 18.41          | -113.68       |
| 2629   | 11/13/2021 | 7          | 12       | 136.39     | Yes           | 18.41          | -117.98       |
| 2630   | 11/13/2021 | 8          | 1        | 169.91     | Yes           | 18.41          | -151.50       |
| 2631   | 11/13/2021 | 8          | 2        | 950.09     | Yes           | 18.41          | -931.68       |
| 2632   | 11/13/2021 | 8          | 3        | 947.87     | Yes           | 18.41          | -929.46       |
| 2633   | 11/13/2021 | 8          | 4        | 953.76     | Yes           | 18.41          | -935.35       |
| 2634   | 11/13/2021 | 8          | 5        | 953.64     | Yes           | 18.41          | -935.23       |
| 2635   | 11/13/2021 | 8          | 6        | 950.76     | Yes           | 18.41          | -932.35       |
| 2636   | 11/13/2021 | 8          | 7        | 441.18     | Yes           | 18.41          | -422.77       |
| 2637   | 11/13/2021 | 8          | 8        | 141.99     | Yes           | 18.41          | -123.58       |
| 2638   | 11/13/2021 | 8          | 9        | 136.19     | Yes           | 18.41          | -117.78       |
| 2639   | 11/13/2021 | 8          | 10       | 110.86     | Yes           | 18.41          | -92.45        |
| 2640   | 11/13/2021 | 8          | 11       | 105.67     | Yes           | 18.41          | -87.26        |
| 2641   | 11/13/2021 | 8          | 12       | 105.82     | Yes           | 18.41          | -87.41        |
| 2642   | 11/13/2021 | 9          | 1        | 122.11     | Yes           | 18.41          | -103.70       |
| 2643   | 11/13/2021 | 9          | 2        | 126.70     | Yes           | 18.41          | -108.29       |
| 2644   | 11/13/2021 | 9          | 3        | 105.69     | Yes           | 18.41          | -87.28        |
| 2645   | 11/13/2021 | 9          | 4        | 77.94      | Yes           | 18.41          | -59.53        |
| 2646   | 11/13/2021 | 9          | 5        | 68.02      | Yes           | 18.41          | -49.61        |
| 2647   | 11/13/2021 | 9          | 6        | 70.17      | Yes           | 18.41          | -51.76        |
| 2648   | 11/13/2021 | 9          | 7        | 63.56      | Yes           | 18.41          | -45.15        |
| 2649   | 11/13/2021 | 9          | 8        | 63.11      | Yes           | 18.41          | -44.70        |
| 2650   | 11/13/2021 | 9          | 9        | 63.03      | Yes           | 18.41          | -44.62        |
| 2651   | 11/13/2021 | 9          | 10       | 61.90      | Yes           | 18.41          | -43.49        |
| 2652   | 11/13/2021 | 9          | 11       | 67.45      | Yes           | 18.41          | -49.04        |
| 2653   | 11/13/2021 | 9          | 12       | 60.35      | Yes           | 18.41          | -41.94        |
| 2654   | 11/13/2021 | 10         | 1        | 101.28     | Yes           | 18.41          | -82.87        |
| 2655   | 11/13/2021 | 10         | 2        | 106.25     | Yes           | 18.41          | -87.84        |
| 2656   | 11/13/2021 | 10         | 3        | 110.92     | Yes           | 18.41          | -92.51        |

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| 2657   | 11/13/2021 | 10         | 4        | 87.13      | Yes           | 18.41          | -68.72        |
| 2658   | 11/13/2021 | 10         | 5        | 80.99      | Yes           | 18.41          | -62.58        |
| 2659   | 11/13/2021 | 10         | 6        | 65.72      | Yes           | 18.41          | -47.31        |
| 2660   | 11/13/2021 | 10         | 7        | 83.82      | Yes           | 18.41          | -65.41        |
| 2661   | 11/13/2021 | 10         | 8        | 83.94      | Yes           | 18.41          | -65.53        |
| 2662   | 11/13/2021 | 10         | 9        | 84.78      | Yes           | 18.41          | -66.37        |
| 2663   | 11/13/2021 | 10         | 10       | 72.68      | Yes           | 18.41          | -54.27        |
| 2664   | 11/13/2021 | 10         | 11       | 61.60      | Yes           | 18.41          | -43.19        |
| 2665   | 11/13/2021 | 10         | 12       | 59.89      | Yes           | 18.41          | -41.48        |
| 2666   | 11/13/2021 | 11         | 1        | 68.10      | Yes           | 18.41          | -49.69        |
| 2667   | 11/13/2021 | 11         | 2        | 65.44      | Yes           | 18.41          | -47.03        |
| 2668   | 11/13/2021 | 11         | 3        | 66.58      | Yes           | 18.41          | -48.17        |
| 2669   | 11/13/2021 | 11         | 4        | 55.53      | Yes           | 18.41          | -37.12        |
| 2670   | 11/13/2021 | 11         | 5        | 56.71      | Yes           | 18.41          | -38.30        |
| 2671   | 11/13/2021 | 11         | 6        | 46.58      | Yes           | 18.41          | -28.17        |
| 2672   | 11/13/2021 | 11         | 7        | 45.70      | Yes           | 18.41          | -27.29        |
| 2673   | 11/13/2021 | 11         | 8        | 45.63      | Yes           | 18.41          | -27.22        |
| 2674   | 11/13/2021 | 11         | 9        | 45.36      | Yes           | 18.41          | -26.95        |
| 2675   | 11/13/2021 | 11         | 10       | 43.33      | Yes           | 18.41          | -24.92        |
| 2676   | 11/13/2021 | 11         | 11       | 43.33      | Yes           | 18.41          | -24.92        |
| 2677   | 11/13/2021 | 11         | 12       | 43.33      | Yes           | 18.41          | -24.92        |
| 2678   | 11/13/2021 | 12         | 1        | 60.15      | Yes           | 18.41          | -41.74        |
| 2679   | 11/13/2021 | 12         | 2        | 50.12      | Yes           | 18.41          | -31.71        |
| 2680   | 11/13/2021 | 12         | 3        | 51.99      | Yes           | 18.41          | -33.58        |
| 2681   | 11/13/2021 | 12         | 4        | 49.10      | Yes           | 18.41          | -30.69        |
| 2682   | 11/13/2021 | 12         | 5        | 49.11      | Yes           | 18.41          | -30.70        |
| 2683   | 11/13/2021 | 12         | 6        | 44.65      | Yes           | 18.41          | -26.24        |
| 2684   | 11/13/2021 | 12         | 7        | 43.14      | Yes           | 18.41          | -24.73        |
| 2685   | 11/13/2021 | 12         | 8        | 43.04      | Yes           | 18.41          | -24.63        |
| 2686   | 11/13/2021 | 12         | 9        | 45.37      | Yes           | 18.41          | -26.96        |
| 2687   | 11/13/2021 | 12         | 10       | 41.33      | Yes           | 18.41          | -22.92        |
| 2688   | 11/13/2021 | 12         | 11       | 39.79      | Yes           | 18.41          | -21.38        |
| 2689   | 11/13/2021 | 12         | 12       | 38.79      | Yes           | 18.41          | -20.38        |
| 2690   | 11/13/2021 | 13         | 1        | 45.38      | Yes           | 18.41          | -26.97        |
| 2691   | 11/13/2021 | 13         | 2        | 44.71      | Yes           | 18.41          | -26.30        |
| 2692   | 11/13/2021 | 13         | 3        | 43.88      | Yes           | 18.41          | -25.47        |
| 2693   | 11/13/2021 | 13         | 4        | 41.13      | Yes           | 18.41          | -22.72        |
| 2694   | 11/13/2021 | 13         | 5        | 41.13      | Yes           | 18.41          | -22.72        |

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| 2695   | 11/13/2021 | 13         | 6        | 37.91      | Yes           | 18.41          | -19.50        |
| 2696   | 11/13/2021 | 13         | 7        | 39.62      | Yes           | 18.41          | -21.21        |
| 2697   | 11/13/2021 | 13         | 8        | 38.30      | Yes           | 18.41          | -19.89        |
| 2698   | 11/13/2021 | 13         | 9        | 42.43      | Yes           | 18.41          | -24.02        |
| 2699   | 11/13/2021 | 13         | 10       | 51.23      | Yes           | 18.41          | -32.82        |
| 2700   | 11/13/2021 | 13         | 11       | 45.82      | Yes           | 18.41          | -27.41        |
| 2701   | 11/13/2021 | 13         | 12       | 46.12      | Yes           | 18.41          | -27.71        |
| 2702   | 11/13/2021 | 14         | 1        | 45.66      | Yes           | 18.41          | -27.25        |
| 2703   | 11/13/2021 | 14         | 2        | 36.22      | Yes           | 18.41          | -17.81        |
| 2704   | 11/13/2021 | 14         | 3        | 38.52      | Yes           | 18.41          | -20.11        |
| 2705   | 11/13/2021 | 14         | 4        | 41.53      | Yes           | 18.41          | -23.12        |
| 2706   | 11/13/2021 | 14         | 5        | 41.59      | Yes           | 18.41          | -23.18        |
| 2707   | 11/13/2021 | 14         | 6        | 41.39      | Yes           | 18.41          | -22.98        |
| 2708   | 11/13/2021 | 14         | 7        | 38.41      | Yes           | 18.41          | -20.00        |
| 2709   | 11/13/2021 | 14         | 8        | 38.65      | Yes           | 18.41          | -20.24        |
| 2710   | 11/13/2021 | 14         | 9        | 41.06      | Yes           | 18.41          | -22.65        |
| 2711   | 11/13/2021 | 14         | 10       | 39.15      | Yes           | 18.41          | -20.74        |
| 2712   | 11/13/2021 | 14         | 11       | 39.83      | Yes           | 18.41          | -21.42        |
| 2713   | 11/13/2021 | 14         | 12       | 39.92      | Yes           | 18.41          | -21.51        |
| 2714   | 11/13/2021 | 15         | 1        | 37.42      | Yes           | 18.41          | -19.01        |
| 2715   | 11/13/2021 | 15         | 2        | 36.60      | Yes           | 18.41          | -18.19        |
| 2716   | 11/13/2021 | 15         | 3        | 30.06      | Yes           | 18.41          | -11.65        |
| 2717   | 11/13/2021 | 15         | 4        | 24.43      | Yes           | 18.41          | -6.02         |
| 2718   | 11/13/2021 | 15         | 5        | 30.92      | Yes           | 18.41          | -12.51        |
| 2719   | 11/13/2021 | 15         | 6        | 32.99      | Yes           | 18.41          | -14.58        |
| 2720   | 11/13/2021 | 15         | 7        | 35.63      | Yes           | 18.41          | -17.22        |
| 2721   | 11/13/2021 | 15         | 8        | 38.48      | Yes           | 18.41          | -20.07        |
| 2722   | 11/13/2021 | 15         | 9        | 37.48      | Yes           | 18.41          | -19.07        |
| 2723   | 11/13/2021 | 15         | 10       | 39.95      | Yes           | 18.41          | -21.54        |
| 2724   | 11/13/2021 | 15         | 11       | 40.70      | Yes           | 18.41          | -22.29        |
| 2725   | 11/13/2021 | 15         | 12       | 39.79      | Yes           | 18.41          | -21.38        |
| 2726   | 11/13/2021 | 16         | 1        | 30.24      | Yes           | 18.41          | -11.83        |
| 2727   | 11/13/2021 | 16         | 2        | 30.37      | Yes           | 18.41          | -11.96        |
| 2728   | 11/13/2021 | 16         | 3        | 32.83      | Yes           | 18.41          | -14.42        |
| 2729   | 11/13/2021 | 16         | 4        | 42.46      | Yes           | 18.41          | -24.05        |
| 2730   | 11/13/2021 | 16         | 5        | 46.34      | Yes           | 18.41          | -27.93        |
| 2731   | 11/13/2021 | 16         | 6        | 48.69      | Yes           | 18.41          | -30.28        |
| 2732   | 11/13/2021 | 16         | 7        | 51.77      | Yes           | 18.41          | -33.36        |

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| 2733   | 11/13/2021 | 16         | 8        | 62.21      | Yes           | 18.41          | -43.80        |
| 2734   | 11/13/2021 | 16         | 9        | 70.98      | Yes           | 18.41          | -52.57        |
| 2735   | 11/13/2021 | 16         | 10       | 83.01      | Yes           | 18.41          | -64.60        |
| 2736   | 11/13/2021 | 16         | 11       | 237.88     | Yes           | 18.41          | -219.47       |
| 2737   | 11/13/2021 | 16         | 12       | 860.69     | Yes           | 18.41          | -842.28       |
| 2738   | 11/13/2021 | 17         | 1        | 61.55      | Yes           | 18.41          | -43.14        |
| 2739   | 11/13/2021 | 17         | 2        | 54.21      | Yes           | 18.41          | -35.80        |
| 2740   | 11/13/2021 | 17         | 3        | 55.46      | Yes           | 18.41          | -37.05        |
| 2741   | 11/13/2021 | 17         | 4        | 63.65      | Yes           | 18.41          | -45.24        |
| 2742   | 11/13/2021 | 17         | 5        | 64.17      | Yes           | 18.41          | -45.76        |
| 2743   | 11/13/2021 | 17         | 6        | 69.87      | Yes           | 18.41          | -51.46        |
| 2744   | 11/13/2021 | 17         | 7        | 71.94      | Yes           | 18.41          | -53.53        |
| 2745   | 11/13/2021 | 17         | 8        | 71.94      | Yes           | 18.41          | -53.53        |
| 2746   | 11/13/2021 | 17         | 9        | 71.94      | Yes           | 18.41          | -53.53        |
| 2747   | 11/13/2021 | 17         | 10       | 72.75      | Yes           | 18.41          | -54.34        |
| 2748   | 11/13/2021 | 17         | 11       | 73.92      | Yes           | 18.41          | -55.51        |
| 2749   | 11/13/2021 | 17         | 12       | 71.26      | Yes           | 18.41          | -52.85        |
| 2750   | 11/13/2021 | 18         | 1        | 52.33      | Yes           | 18.41          | -33.92        |
| 2751   | 11/13/2021 | 18         | 2        | 49.07      | Yes           | 18.41          | -30.66        |
| 2752   | 11/13/2021 | 18         | 3        | 53.96      | Yes           | 18.41          | -35.55        |
| 2753   | 11/13/2021 | 18         | 4        | 56.48      | Yes           | 18.41          | -38.07        |
| 2754   | 11/13/2021 | 18         | 5        | 56.68      | Yes           | 18.41          | -38.27        |
| 2755   | 11/13/2021 | 18         | 6        | 56.71      | Yes           | 18.41          | -38.30        |
| 2756   | 11/13/2021 | 18         | 7        | 56.43      | Yes           | 18.41          | -38.02        |
| 2757   | 11/13/2021 | 18         | 8        | 55.36      | Yes           | 18.41          | -36.95        |
| 2758   | 11/13/2021 | 18         | 9        | 54.69      | Yes           | 18.41          | -36.28        |
| 2759   | 11/13/2021 | 18         | 10       | 55.42      | Yes           | 18.41          | -37.01        |
| 2760   | 11/13/2021 | 18         | 11       | 55.20      | Yes           | 18.41          | -36.79        |
| 2761   | 11/13/2021 | 18         | 12       | 52.99      | Yes           | 18.41          | -34.58        |
| 2762   | 11/13/2021 | 19         | 1        | 55.85      | Yes           | 18.41          | -37.44        |
| 2763   | 11/13/2021 | 19         | 2        | 54.80      | Yes           | 18.41          | -36.39        |
| 2764   | 11/13/2021 | 19         | 3        | 55.18      | Yes           | 18.41          | -36.77        |
| 2765   | 11/13/2021 | 19         | 4        | 56.23      | Yes           | 18.41          | -37.82        |
| 2766   | 11/13/2021 | 19         | 5        | 57.26      | Yes           | 18.41          | -38.85        |
| 2767   | 11/13/2021 | 19         | 6        | 56.98      | Yes           | 18.41          | -38.57        |
| 2768   | 11/13/2021 | 19         | 7        | 55.14      | Yes           | 18.41          | -36.73        |
| 2769   | 11/13/2021 | 19         | 8        | 53.07      | Yes           | 18.41          | -34.66        |
| 2770   | 11/13/2021 | 19         | 9        | 53.62      | Yes           | 18.41          | -35.21        |

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| 2771   | 11/13/2021 | 19         | 10       | 53.25      | Yes           | 18.41          | -34.84        |
| 2772   | 11/13/2021 | 19         | 11       | 52.24      | Yes           | 18.41          | -33.83        |
| 2773   | 11/13/2021 | 19         | 12       | 52.38      | Yes           | 18.41          | -33.97        |
| 2774   | 11/13/2021 | 20         | 1        | 62.96      | Yes           | 18.41          | -44.55        |
| 2775   | 11/13/2021 | 20         | 2        | 60.52      | Yes           | 18.41          | -42.11        |
| 2776   | 11/13/2021 | 20         | 3        | 60.93      | Yes           | 18.41          | -42.52        |
| 2777   | 11/13/2021 | 20         | 4        | 56.98      | Yes           | 18.41          | -38.57        |
| 2778   | 11/13/2021 | 20         | 5        | 56.81      | Yes           | 18.41          | -38.40        |
| 2779   | 11/13/2021 | 20         | 6        | 55.69      | Yes           | 18.41          | -37.28        |
| 2780   | 11/13/2021 | 20         | 7        | 57.73      | Yes           | 18.41          | -39.32        |
| 2781   | 11/13/2021 | 20         | 8        | 56.41      | Yes           | 18.41          | -38.00        |
| 2782   | 11/13/2021 | 20         | 9        | 54.32      | Yes           | 18.41          | -35.91        |
| 2783   | 11/13/2021 | 20         | 10       | 58.47      | Yes           | 18.41          | -40.06        |
| 2784   | 11/13/2021 | 20         | 11       | 58.45      | Yes           | 18.41          | -40.04        |
| 2785   | 11/13/2021 | 20         | 12       | 59.07      | Yes           | 18.41          | -40.66        |
| 2786   | 11/13/2021 | 21         | 1        | 61.11      | Yes           | 18.41          | -42.70        |
| 2787   | 11/13/2021 | 21         | 2        | 61.86      | Yes           | 18.41          | -43.45        |
| 2788   | 11/13/2021 | 21         | 3        | 60.98      | Yes           | 18.41          | -42.57        |
| 2789   | 11/13/2021 | 21         | 4        | 60.10      | Yes           | 18.41          | -41.69        |
| 2790   | 11/13/2021 | 21         | 5        | 59.91      | Yes           | 18.41          | -41.50        |
| 2791   | 11/13/2021 | 21         | 6        | 59.41      | Yes           | 18.41          | -41.00        |
| 2792   | 11/13/2021 | 21         | 7        | 58.26      | Yes           | 18.41          | -39.85        |
| 2793   | 11/13/2021 | 21         | 8        | 56.40      | Yes           | 18.41          | -37.99        |
| 2794   | 11/13/2021 | 21         | 9        | 55.89      | Yes           | 18.41          | -37.48        |
| 2795   | 11/13/2021 | 21         | 10       | 54.37      | Yes           | 18.41          | -35.96        |
| 2796   | 11/13/2021 | 21         | 11       | 55.14      | Yes           | 18.41          | -36.73        |
| 2797   | 11/13/2021 | 21         | 12       | 55.02      | Yes           | 18.41          | -36.61        |
| 2798   | 11/13/2021 | 22         | 1        | 58.34      | Yes           | 18.41          | -39.93        |
| 2799   | 11/13/2021 | 22         | 2        | 57.03      | Yes           | 18.41          | -38.62        |
| 2800   | 11/13/2021 | 22         | 3        | 56.50      | Yes           | 18.41          | -38.09        |
| 2801   | 11/13/2021 | 22         | 4        | 53.42      | Yes           | 18.41          | -35.01        |
| 2802   | 11/13/2021 | 22         | 5        | 55.19      | Yes           | 18.41          | -36.78        |
| 2803   | 11/13/2021 | 22         | 6        | 53.31      | Yes           | 18.41          | -34.90        |
| 2804   | 11/13/2021 | 22         | 7        | 51.67      | Yes           | 18.41          | -33.26        |
| 2805   | 11/13/2021 | 22         | 8        | 50.69      | Yes           | 18.41          | -32.28        |
| 2806   | 11/13/2021 | 22         | 9        | 49.54      | Yes           | 18.41          | -31.13        |
| 2807   | 11/13/2021 | 22         | 10       | 47.97      | Yes           | 18.41          | -29.56        |
| 2808   | 11/13/2021 | 22         | 11       | 47.97      | Yes           | 18.41          | -29.56        |

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| 2809   | 11/13/2021 | 22         | 12       | 47.59      | Yes           | 18.41          | -29.18        |
| 2810   | 11/13/2021 | 23         | 1        | 50.06      | Yes           | 18.41          | -31.65        |
| 2811   | 11/13/2021 | 23         | 2        | 49.02      | Yes           | 18.41          | -30.61        |
| 2812   | 11/13/2021 | 23         | 3        | 48.73      | Yes           | 18.41          | -30.32        |
| 2813   | 11/13/2021 | 23         | 4        | 48.83      | Yes           | 18.41          | -30.42        |
| 2814   | 11/13/2021 | 23         | 5        | 48.01      | Yes           | 18.41          | -29.60        |
| 2815   | 11/13/2021 | 23         | 6        | 47.80      | Yes           | 18.41          | -29.39        |
| 2816   | 11/13/2021 | 23         | 7        | 47.56      | Yes           | 18.41          | -29.15        |
| 2817   | 11/13/2021 | 23         | 8        | 48.58      | Yes           | 18.41          | -30.17        |
| 2818   | 11/13/2021 | 23         | 9        | 47.81      | Yes           | 18.41          | -29.40        |
| 2819   | 11/13/2021 | 23         | 10       | 52.87      | Yes           | 18.41          | -34.46        |
| 2820   | 11/13/2021 | 23         | 11       | 52.43      | Yes           | 18.41          | -34.02        |
| 2821   | 11/13/2021 | 23         | 12       | 51.62      | Yes           | 18.41          | -33.21        |
| 2822   | 11/13/2021 | 24         | 1        | 52.43      | Yes           | 18.41          | -34.02        |
| 2823   | 11/13/2021 | 24         | 2        | 52.23      | Yes           | 18.41          | -33.82        |
| 2824   | 11/13/2021 | 24         | 3        | 51.52      | Yes           | 18.41          | -33.11        |
| 2825   | 11/13/2021 | 24         | 4        | 50.67      | Yes           | 18.41          | -32.26        |
| 2826   | 11/13/2021 | 24         | 5        | 50.55      | Yes           | 18.41          | -32.14        |
| 2827   | 11/13/2021 | 24         | 6        | 50.25      | Yes           | 18.41          | -31.84        |
| 2828   | 11/13/2021 | 24         | 7        | 49.44      | Yes           | 18.41          | -31.03        |
| 2829   | 11/13/2021 | 24         | 8        | 49.44      | Yes           | 18.41          | -31.03        |
| 2830   | 11/13/2021 | 24         | 9        | 48.64      | Yes           | 18.41          | -30.23        |
| 2831   | 11/13/2021 | 24         | 10       | 49.07      | Yes           | 18.41          | -30.66        |
| 2832   | 11/13/2021 | 24         | 11       | 48.71      | Yes           | 18.41          | -30.30        |
| 2833   | 11/13/2021 | 24         | 12       | 48.60      | Yes           | 18.41          | -30.19        |
| 2834   | 11/14/2021 | 1          | 1        | 47.46      | Yes           | 18.41          | -29.05        |
| 2835   | 11/14/2021 | 1          | 2        | 48.10      | Yes           | 18.41          | -29.69        |
| 2836   | 11/14/2021 | 1          | 3        | 47.67      | Yes           | 18.41          | -29.26        |
| 2837   | 11/14/2021 | 1          | 4        | 47.70      | Yes           | 18.41          | -29.29        |
| 2838   | 11/14/2021 | 1          | 5        | 48.26      | Yes           | 18.41          | -29.85        |
| 2839   | 11/14/2021 | 1          | 6        | 48.62      | Yes           | 18.41          | -30.21        |
| 2840   | 11/14/2021 | 1          | 7        | 48.64      | Yes           | 18.41          | -30.23        |
| 2841   | 11/14/2021 | 1          | 8        | 48.64      | Yes           | 18.41          | -30.23        |
| 2842   | 11/14/2021 | 1          | 9        | 48.64      | Yes           | 18.41          | -30.23        |
| 2843   | 11/14/2021 | 1          | 10       | 48.11      | Yes           | 18.41          | -29.70        |
| 2844   | 11/14/2021 | 1          | 11       | 48.11      | Yes           | 18.41          | -29.70        |
| 2845   | 11/14/2021 | 1          | 12       | 46.86      | Yes           | 18.41          | -28.45        |
| 2846   | 11/14/2021 | 2          | 1        | 47.55      | Yes           | 18.41          | -29.14        |



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| 2847   | 11/14/2021 | 2          | 2        | 47.55      | Yes           | 18.41          | -29.14        |
| 2848   | 11/14/2021 | 2          | 3        | 47.55      | Yes           | 18.41          | -29.14        |
| 2849   | 11/14/2021 | 2          | 4        | 46.81      | Yes           | 18.41          | -28.40        |
| 2850   | 11/14/2021 | 2          | 5        | 46.81      | Yes           | 18.41          | -28.40        |
| 2851   | 11/14/2021 | 2          | 6        | 46.81      | Yes           | 18.41          | -28.40        |
| 2852   | 11/14/2021 | 2          | 7        | 46.10      | Yes           | 18.41          | -27.69        |
| 2853   | 11/14/2021 | 2          | 8        | 46.10      | Yes           | 18.41          | -27.69        |
| 2854   | 11/14/2021 | 2          | 9        | 46.10      | Yes           | 18.41          | -27.69        |
| 2855   | 11/14/2021 | 2          | 10       | 45.81      | Yes           | 18.41          | -27.40        |
| 2856   | 11/14/2021 | 2          | 11       | 46.50      | Yes           | 18.41          | -28.09        |
| 2857   | 11/14/2021 | 2          | 12       | 45.81      | Yes           | 18.41          | -27.40        |
| 2858   | 11/14/2021 | 3          | 1        | 47.05      | Yes           | 18.41          | -28.64        |
| 2859   | 11/14/2021 | 3          | 2        | 47.24      | Yes           | 18.41          | -28.83        |
| 2860   | 11/14/2021 | 3          | 3        | 47.24      | Yes           | 18.41          | -28.83        |
| 2861   | 11/14/2021 | 3          | 4        | 47.11      | Yes           | 18.41          | -28.70        |
| 2862   | 11/14/2021 | 3          | 5        | 47.11      | Yes           | 18.41          | -28.70        |
| 2863   | 11/14/2021 | 3          | 6        | 47.11      | Yes           | 18.41          | -28.70        |
| 2864   | 11/14/2021 | 3          | 7        | 46.75      | Yes           | 18.41          | -28.34        |
| 2865   | 11/14/2021 | 3          | 8        | 45.70      | Yes           | 18.41          | -27.29        |
| 2866   | 11/14/2021 | 3          | 9        | 45.19      | Yes           | 18.41          | -26.78        |
| 2867   | 11/14/2021 | 3          | 10       | 44.36      | Yes           | 18.41          | -25.95        |
| 2868   | 11/14/2021 | 3          | 11       | 44.59      | Yes           | 18.41          | -26.18        |
| 2869   | 11/14/2021 | 3          | 12       | 44.59      | Yes           | 18.41          | -26.18        |
| 2870   | 11/14/2021 | 4          | 1        | 45.92      | Yes           | 18.41          | -27.51        |
| 2871   | 11/14/2021 | 4          | 2        | 45.85      | Yes           | 18.41          | -27.44        |
| 2872   | 11/14/2021 | 4          | 3        | 45.91      | Yes           | 18.41          | -27.50        |
| 2873   | 11/14/2021 | 4          | 4        | 46.67      | Yes           | 18.41          | -28.26        |
| 2874   | 11/14/2021 | 4          | 5        | 46.67      | Yes           | 18.41          | -28.26        |
| 2875   | 11/14/2021 | 4          | 6        | 46.69      | Yes           | 18.41          | -28.28        |
| 2876   | 11/14/2021 | 4          | 7        | 46.61      | Yes           | 18.41          | -28.20        |
| 2877   | 11/14/2021 | 4          | 8        | 46.61      | Yes           | 18.41          | -28.20        |
| 2878   | 11/14/2021 | 4          | 9        | 46.61      | Yes           | 18.41          | -28.20        |
| 2879   | 11/14/2021 | 4          | 10       | 46.39      | Yes           | 18.41          | -27.98        |
| 2880   | 11/14/2021 | 4          | 11       | 46.43      | Yes           | 18.41          | -28.02        |
| 2881   | 11/14/2021 | 4          | 12       | 46.25      | Yes           | 18.41          | -27.84        |
| 2882   | 11/14/2021 | 5          | 1        | 47.81      | Yes           | 18.41          | -29.40        |
| 2883   | 11/14/2021 | 5          | 2        | 47.77      | Yes           | 18.41          | -29.36        |
| 2884   | 11/14/2021 | 5          | 3        | 47.81      | Yes           | 18.41          | -29.40        |

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| 2885   | 11/14/2021 | 5          | 4        | 47.87      | Yes           | 18.41          | -29.46        |
| 2886   | 11/14/2021 | 5          | 5        | 47.87      | Yes           | 18.41          | -29.46        |
| 2887   | 11/14/2021 | 5          | 6        | 44.64      | Yes           | 18.41          | -26.23        |
| 2888   | 11/14/2021 | 5          | 7        | 39.87      | Yes           | 18.41          | -21.46        |
| 2889   | 11/14/2021 | 5          | 8        | 39.87      | Yes           | 18.41          | -21.46        |
| 2890   | 11/14/2021 | 5          | 9        | 40.51      | Yes           | 18.41          | -22.10        |
| 2891   | 11/14/2021 | 5          | 10       | 40.22      | Yes           | 18.41          | -21.81        |
| 2892   | 11/14/2021 | 5          | 11       | 41.65      | Yes           | 18.41          | -23.24        |
| 2893   | 11/14/2021 | 5          | 12       | 41.65      | Yes           | 18.41          | -23.24        |
| 2894   | 11/14/2021 | 6          | 1        | 44.70      | Yes           | 18.41          | -26.29        |
| 2895   | 11/14/2021 | 6          | 2        | 46.34      | Yes           | 18.41          | -27.93        |
| 2896   | 11/14/2021 | 6          | 3        | 46.67      | Yes           | 18.41          | -28.26        |
| 2897   | 11/14/2021 | 6          | 4        | 46.73      | Yes           | 18.41          | -28.32        |
| 2898   | 11/14/2021 | 6          | 5        | 46.73      | Yes           | 18.41          | -28.32        |
| 2899   | 11/14/2021 | 6          | 6        | 46.70      | Yes           | 18.41          | -28.29        |
| 2900   | 11/14/2021 | 6          | 9        | 47.39      | Yes           | 18.41          | -28.98        |
| 2901   | 11/14/2021 | 6          | 10       | 43.44      | Yes           | 18.41          | -25.03        |
| 2902   | 11/14/2021 | 6          | 11       | 43.44      | Yes           | 18.41          | -25.03        |
| 2903   | 11/14/2021 | 6          | 12       | 44.34      | Yes           | 18.41          | -25.93        |
| 2904   | 11/14/2021 | 7          | 1        | 46.46      | Yes           | 18.41          | -28.05        |
| 2905   | 11/14/2021 | 7          | 2        | 46.81      | Yes           | 18.41          | -28.40        |
| 2906   | 11/14/2021 | 7          | 3        | 46.61      | Yes           | 18.41          | -28.20        |
| 2907   | 11/14/2021 | 7          | 4        | 46.72      | Yes           | 18.41          | -28.31        |
| 2908   | 11/14/2021 | 7          | 5        | 46.89      | Yes           | 18.41          | -28.48        |
| 2909   | 11/14/2021 | 7          | 6        | 47.48      | Yes           | 18.41          | -29.07        |
| 2910   | 11/14/2021 | 7          | 7        | 46.88      | Yes           | 18.41          | -28.47        |
| 2911   | 11/14/2021 | 7          | 8        | 46.61      | Yes           | 18.41          | -28.20        |
| 2912   | 11/14/2021 | 7          | 9        | 45.15      | Yes           | 18.41          | -26.74        |
| 2913   | 11/14/2021 | 7          | 10       | 44.75      | Yes           | 18.41          | -26.34        |
| 2914   | 11/14/2021 | 7          | 11       | 44.75      | Yes           | 18.41          | -26.34        |
| 2915   | 11/14/2021 | 7          | 12       | 44.75      | Yes           | 18.41          | -26.34        |
| 2916   | 11/14/2021 | 8          | 1        | 49.17      | Yes           | 18.41          | -30.76        |
| 2917   | 11/14/2021 | 8          | 2        | 49.16      | Yes           | 18.41          | -30.75        |
| 2918   | 11/14/2021 | 8          | 3        | 49.93      | Yes           | 18.41          | -31.52        |
| 2919   | 11/14/2021 | 8          | 4        | 48.39      | Yes           | 18.41          | -29.98        |
| 2920   | 11/14/2021 | 8          | 5        | 46.05      | Yes           | 18.41          | -27.64        |
| 2921   | 11/14/2021 | 8          | 6        | 42.43      | Yes           | 18.41          | -24.02        |
| 2922   | 11/14/2021 | 8          | 7        | 30.23      | Yes           | 18.41          | -11.82        |

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| 2923   | 11/14/2021 | 8          | 8        | 16.30      | Yes           | 18.41          | 2.11          |
| 2924   | 11/14/2021 | 8          | 9        | 0.02       | Yes           | 18.41          | 18.39         |
| 2925   | 11/14/2021 | 8          | 10       | 0.04       | Yes           | 18.41          | 18.37         |
| 2926   | 11/14/2021 | 8          | 11       | 0.03       | Yes           | 18.41          | 18.38         |
| 2927   | 11/14/2021 | 8          | 12       | 0.03       | Yes           | 18.41          | 18.38         |
| 2928   | 11/14/2021 | 9          | 1        | 0.00       | Yes           | 18.41          | 18.41         |
| 2929   | 11/14/2021 | 9          | 2        | 2.41       | Yes           | 18.41          | 16.00         |
| 2930   | 11/14/2021 | 9          | 3        | 2.15       | Yes           | 18.41          | 16.26         |
| 2931   | 11/14/2021 | 9          | 4        | -0.01      | Yes           | 18.41          | 18.42         |
| 2932   | 11/14/2021 | 9          | 5        | 6.73       | Yes           | 18.41          | 11.68         |
| 2933   | 11/14/2021 | 9          | 6        | 15.82      | Yes           | 18.41          | 2.59          |
| 2934   | 11/14/2021 | 9          | 7        | 13.12      | Yes           | 18.41          | 5.29          |
| 2935   | 11/14/2021 | 9          | 8        | 0.02       | Yes           | 18.41          | 18.39         |
| 2936   | 11/14/2021 | 9          | 9        | 0.00       | Yes           | 18.41          | 18.41         |
| 2937   | 11/14/2021 | 9          | 10       | 0.01       | Yes           | 18.41          | 18.40         |
| 2938   | 11/14/2021 | 9          | 11       | 0.01       | Yes           | 18.41          | 18.40         |
| 2939   | 11/14/2021 | 9          | 12       | 0.16       | Yes           | 18.41          | 18.25         |
| 2940   | 11/14/2021 | 10         | 1        | 28.35      | Yes           | 18.41          | -9.94         |
| 2941   | 11/14/2021 | 10         | 2        | 33.58      | Yes           | 18.41          | -15.17        |
| 2942   | 11/14/2021 | 10         | 3        | 33.58      | Yes           | 18.41          | -15.17        |
| 2943   | 11/14/2021 | 10         | 4        | 33.14      | Yes           | 18.41          | -14.73        |
| 2944   | 11/14/2021 | 10         | 5        | 31.25      | Yes           | 18.41          | -12.84        |
| 2945   | 11/14/2021 | 10         | 6        | 31.25      | Yes           | 18.41          | -12.84        |
| 2946   | 11/14/2021 | 10         | 7        | 21.18      | Yes           | 18.41          | -2.77         |
| 2947   | 11/14/2021 | 10         | 8        | 16.06      | Yes           | 18.41          | 2.35          |
| 2948   | 11/14/2021 | 10         | 9        | 5.87       | Yes           | 18.41          | 12.54         |
| 2949   | 11/14/2021 | 10         | 10       | 29.87      | Yes           | 18.41          | -11.46        |
| 2950   | 11/14/2021 | 10         | 11       | 29.27      | Yes           | 18.41          | -10.86        |
| 2951   | 11/14/2021 | 10         | 12       | 30.89      | Yes           | 18.41          | -12.48        |
| 2952   | 11/14/2021 | 11         | 1        | 30.20      | Yes           | 18.41          | -11.79        |
| 2953   | 11/14/2021 | 11         | 2        | 29.05      | Yes           | 18.41          | -10.64        |
| 2954   | 11/14/2021 | 11         | 3        | 26.36      | Yes           | 18.41          | -7.95         |
| 2955   | 11/14/2021 | 11         | 4        | 29.63      | Yes           | 18.41          | -11.22        |
| 2956   | 11/14/2021 | 11         | 5        | 30.52      | Yes           | 18.41          | -12.11        |
| 2957   | 11/14/2021 | 11         | 6        | 28.61      | Yes           | 18.41          | -10.20        |
| 2958   | 11/14/2021 | 11         | 7        | 25.99      | Yes           | 18.41          | -7.58         |
| 2959   | 11/14/2021 | 11         | 8        | 28.12      | Yes           | 18.41          | -9.71         |
| 2960   | 11/14/2021 | 11         | 9        | 26.95      | Yes           | 18.41          | -8.54         |

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| 2961   | 11/14/2021 | 11         | 10       | 25.82      | Yes           | 18.41          | -7.41         |
| 2962   | 11/14/2021 | 11         | 11       | 26.82      | Yes           | 18.41          | -8.41         |
| 2963   | 11/14/2021 | 11         | 12       | 26.82      | Yes           | 18.41          | -8.41         |
| 2964   | 11/14/2021 | 12         | 1        | 32.29      | Yes           | 18.41          | -13.88        |
| 2965   | 11/14/2021 | 12         | 2        | 33.17      | Yes           | 18.41          | -14.76        |
| 2966   | 11/14/2021 | 12         | 3        | 31.71      | Yes           | 18.41          | -13.30        |
| 2967   | 11/14/2021 | 12         | 4        | 28.45      | Yes           | 18.41          | -10.04        |
| 2968   | 11/14/2021 | 12         | 5        | 27.42      | Yes           | 18.41          | -9.01         |
| 2969   | 11/14/2021 | 12         | 6        | 25.84      | Yes           | 18.41          | -7.43         |
| 2970   | 11/14/2021 | 12         | 7        | 17.68      | Yes           | 18.41          | 0.73          |
| 2971   | 11/14/2021 | 12         | 8        | 21.23      | Yes           | 18.41          | -2.82         |
| 2972   | 11/14/2021 | 12         | 9        | 21.26      | Yes           | 18.41          | -2.85         |
| 2973   | 11/14/2021 | 12         | 10       | 18.56      | Yes           | 18.41          | -0.15         |
| 2974   | 11/14/2021 | 12         | 11       | 18.49      | Yes           | 18.41          | -0.08         |
| 2975   | 11/14/2021 | 12         | 12       | 22.08      | Yes           | 18.41          | -3.67         |
| 2976   | 11/14/2021 | 13         | 1        | 26.25      | Yes           | 18.41          | -7.84         |
| 2977   | 11/14/2021 | 13         | 2        | 24.69      | Yes           | 18.41          | -6.28         |
| 2978   | 11/14/2021 | 13         | 3        | 27.93      | Yes           | 18.41          | -9.52         |
| 2979   | 11/14/2021 | 13         | 4        | 25.03      | Yes           | 18.41          | -6.62         |
| 2980   | 11/14/2021 | 13         | 5        | 21.04      | Yes           | 18.41          | -2.63         |
| 2981   | 11/14/2021 | 13         | 6        | 25.63      | Yes           | 18.41          | -7.22         |
| 2982   | 11/14/2021 | 13         | 7        | 21.85      | Yes           | 18.41          | -3.44         |
| 2983   | 11/14/2021 | 13         | 8        | 22.04      | Yes           | 18.41          | -3.63         |
| 2984   | 11/14/2021 | 13         | 9        | 24.93      | Yes           | 18.41          | -6.52         |
| 2985   | 11/14/2021 | 13         | 10       | 23.73      | Yes           | 18.41          | -5.32         |
| 2986   | 11/14/2021 | 13         | 11       | 22.96      | Yes           | 18.41          | -4.55         |
| 2987   | 11/14/2021 | 13         | 12       | 20.38      | Yes           | 18.41          | -1.97         |
| 2988   | 11/14/2021 | 14         | 1        | 30.33      | Yes           | 18.41          | -11.92        |
| 2989   | 11/14/2021 | 14         | 2        | 29.14      | Yes           | 18.41          | -10.73        |
| 2990   | 11/14/2021 | 14         | 3        | 30.81      | Yes           | 18.41          | -12.40        |
| 2991   | 11/14/2021 | 14         | 4        | 29.43      | Yes           | 18.41          | -11.02        |
| 2992   | 11/14/2021 | 14         | 5        | 23.73      | Yes           | 18.41          | -5.32         |
| 2993   | 11/14/2021 | 14         | 6        | 21.51      | Yes           | 18.41          | -3.10         |
| 2994   | 11/14/2021 | 14         | 7        | 17.36      | Yes           | 18.41          | 1.05          |
| 2995   | 11/14/2021 | 14         | 8        | 21.24      | Yes           | 18.41          | -2.83         |
| 2996   | 11/14/2021 | 14         | 9        | 22.79      | Yes           | 18.41          | -4.38         |
| 2997   | 11/14/2021 | 14         | 10       | 24.50      | Yes           | 18.41          | -6.09         |
| 2998   | 11/14/2021 | 14         | 11       | 26.66      | Yes           | 18.41          | -8.25         |

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| 2999   | 11/14/2021 | 14         | 12       | 24.49      | Yes           | 18.41          | -6.08         |
| 3000   | 11/14/2021 | 15         | 1        | 5.05       | Yes           | 18.41          | 13.36         |
| 3001   | 11/14/2021 | 15         | 2        | -0.01      | Yes           | 18.41          | 18.42         |
| 3002   | 11/14/2021 | 15         | 3        | 0.02       | Yes           | 18.41          | 18.39         |
| 3003   | 11/14/2021 | 15         | 4        | 0.01       | Yes           | 18.41          | 18.40         |
| 3004   | 11/14/2021 | 15         | 5        | 9.30       | Yes           | 18.41          | 9.11          |
| 3005   | 11/14/2021 | 15         | 6        | 20.39      | Yes           | 18.41          | -1.98         |
| 3006   | 11/14/2021 | 15         | 7        | 21.39      | Yes           | 18.41          | -2.98         |
| 3007   | 11/14/2021 | 15         | 8        | 24.33      | Yes           | 18.41          | -5.92         |
| 3008   | 11/14/2021 | 15         | 9        | 30.04      | Yes           | 18.41          | -11.63        |
| 3009   | 11/14/2021 | 15         | 10       | 33.51      | Yes           | 18.41          | -15.10        |
| 3010   | 11/14/2021 | 15         | 11       | 33.53      | Yes           | 18.41          | -15.12        |
| 3011   | 11/14/2021 | 15         | 12       | 34.03      | Yes           | 18.41          | -15.62        |
| 3012   | 11/14/2021 | 16         | 1        | 27.84      | Yes           | 18.41          | -9.43         |
| 3013   | 11/14/2021 | 16         | 2        | 24.25      | Yes           | 18.41          | -5.84         |
| 3014   | 11/14/2021 | 16         | 3        | 28.70      | Yes           | 18.41          | -10.29        |
| 3015   | 11/14/2021 | 16         | 4        | 33.51      | Yes           | 18.41          | -15.10        |
| 3016   | 11/14/2021 | 16         | 5        | 38.44      | Yes           | 18.41          | -20.03        |
| 3017   | 11/14/2021 | 16         | 6        | 41.09      | Yes           | 18.41          | -22.68        |
| 3018   | 11/14/2021 | 16         | 7        | 42.08      | Yes           | 18.41          | -23.67        |
| 3019   | 11/14/2021 | 16         | 8        | 51.54      | Yes           | 18.41          | -33.13        |
| 3020   | 11/14/2021 | 16         | 9        | 54.53      | Yes           | 18.41          | -36.12        |
| 3021   | 11/14/2021 | 16         | 10       | 61.32      | Yes           | 18.41          | -42.91        |
| 3022   | 11/14/2021 | 16         | 11       | 66.39      | Yes           | 18.41          | -47.98        |
| 3023   | 11/14/2021 | 16         | 12       | 65.38      | Yes           | 18.41          | -46.97        |
| 3024   | 11/14/2021 | 17         | 1        | 37.66      | Yes           | 18.41          | -19.25        |
| 3025   | 11/14/2021 | 17         | 2        | 37.36      | Yes           | 18.41          | -18.95        |
| 3026   | 11/14/2021 | 17         | 3        | 38.97      | Yes           | 18.41          | -20.56        |
| 3027   | 11/14/2021 | 17         | 4        | 42.02      | Yes           | 18.41          | -23.61        |
| 3028   | 11/14/2021 | 17         | 5        | 42.75      | Yes           | 18.41          | -24.34        |
| 3029   | 11/14/2021 | 17         | 6        | 44.42      | Yes           | 18.41          | -26.01        |
| 3030   | 11/14/2021 | 17         | 7        | 44.56      | Yes           | 18.41          | -26.15        |
| 3031   | 11/14/2021 | 17         | 8        | 46.88      | Yes           | 18.41          | -28.47        |
| 3032   | 11/14/2021 | 17         | 9        | 47.76      | Yes           | 18.41          | -29.35        |
| 3033   | 11/14/2021 | 17         | 10       | 49.06      | Yes           | 18.41          | -30.65        |
| 3034   | 11/14/2021 | 17         | 11       | 50.90      | Yes           | 18.41          | -32.49        |
| 3035   | 11/14/2021 | 17         | 12       | 51.08      | Yes           | 18.41          | -32.67        |
| 3036   | 11/14/2021 | 18         | 1        | 48.67      | Yes           | 18.41          | -30.26        |

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| 3037   | 11/14/2021 | 18         | 2        | 48.16      | Yes           | 18.41          | -29.75        |
| 3038   | 11/14/2021 | 18         | 3        | 49.28      | Yes           | 18.41          | -30.87        |
| 3039   | 11/14/2021 | 18         | 4        | 49.84      | Yes           | 18.41          | -31.43        |
| 3040   | 11/14/2021 | 18         | 5        | 51.16      | Yes           | 18.41          | -32.75        |
| 3041   | 11/14/2021 | 18         | 6        | 50.37      | Yes           | 18.41          | -31.96        |
| 3042   | 11/14/2021 | 18         | 7        | 50.15      | Yes           | 18.41          | -31.74        |
| 3043   | 11/14/2021 | 18         | 8        | 49.20      | Yes           | 18.41          | -30.79        |
| 3044   | 11/14/2021 | 18         | 9        | 49.20      | Yes           | 18.41          | -30.79        |
| 3045   | 11/14/2021 | 18         | 10       | 49.30      | Yes           | 18.41          | -30.89        |
| 3046   | 11/14/2021 | 18         | 11       | 48.26      | Yes           | 18.41          | -29.85        |
| 3047   | 11/14/2021 | 18         | 12       | 47.63      | Yes           | 18.41          | -29.22        |
| 3048   | 11/14/2021 | 19         | 1        | 51.82      | Yes           | 18.41          | -33.41        |
| 3049   | 11/14/2021 | 19         | 2        | 49.89      | Yes           | 18.41          | -31.48        |
| 3050   | 11/14/2021 | 19         | 3        | 49.31      | Yes           | 18.41          | -30.90        |
| 3051   | 11/14/2021 | 19         | 4        | 48.11      | Yes           | 18.41          | -29.70        |
| 3052   | 11/14/2021 | 19         | 5        | 48.17      | Yes           | 18.41          | -29.76        |
| 3053   | 11/14/2021 | 19         | 6        | 48.17      | Yes           | 18.41          | -29.76        |
| 3054   | 11/14/2021 | 19         | 7        | 47.63      | Yes           | 18.41          | -29.22        |
| 3055   | 11/14/2021 | 19         | 8        | 47.63      | Yes           | 18.41          | -29.22        |
| 3056   | 11/14/2021 | 19         | 9        | 47.63      | Yes           | 18.41          | -29.22        |
| 3057   | 11/14/2021 | 19         | 10       | 47.63      | Yes           | 18.41          | -29.22        |
| 3058   | 11/14/2021 | 19         | 11       | 47.49      | Yes           | 18.41          | -29.08        |
| 3059   | 11/14/2021 | 19         | 12       | 46.70      | Yes           | 18.41          | -28.29        |
| 3060   | 11/14/2021 | 20         | 1        | 49.78      | Yes           | 18.41          | -31.37        |
| 3061   | 11/14/2021 | 20         | 2        | 50.12      | Yes           | 18.41          | -31.71        |
| 3062   | 11/14/2021 | 20         | 3        | 49.86      | Yes           | 18.41          | -31.45        |
| 3063   | 11/14/2021 | 20         | 4        | 49.20      | Yes           | 18.41          | -30.79        |
| 3064   | 11/14/2021 | 20         | 5        | 49.20      | Yes           | 18.41          | -30.79        |
| 3065   | 11/14/2021 | 20         | 6        | 48.94      | Yes           | 18.41          | -30.53        |
| 3066   | 11/14/2021 | 20         | 7        | 50.08      | Yes           | 18.41          | -31.67        |
| 3067   | 11/14/2021 | 20         | 8        | 49.70      | Yes           | 18.41          | -31.29        |
| 3068   | 11/14/2021 | 20         | 9        | 49.23      | Yes           | 18.41          | -30.82        |
| 3069   | 11/14/2021 | 20         | 10       | 49.08      | Yes           | 18.41          | -30.67        |
| 3070   | 11/14/2021 | 20         | 11       | 49.06      | Yes           | 18.41          | -30.65        |
| 3071   | 11/14/2021 | 20         | 12       | 48.78      | Yes           | 18.41          | -30.37        |
| 3072   | 11/14/2021 | 21         | 1        | 59.65      | Yes           | 18.41          | -41.24        |
| 3073   | 11/14/2021 | 21         | 2        | 60.10      | Yes           | 18.41          | -41.69        |
| 3074   | 11/14/2021 | 21         | 3        | 59.09      | Yes           | 18.41          | -40.68        |

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| 3075   | 11/14/2021 | 21         | 4        | 63.21      | Yes           | 18.41          | -44.80        |
| 3076   | 11/14/2021 | 21         | 5        | 56.78      | Yes           | 18.41          | -38.37        |
| 3077   | 11/14/2021 | 21         | 6        | 58.86      | Yes           | 18.41          | -40.45        |
| 3078   | 11/14/2021 | 21         | 7        | 55.78      | Yes           | 18.41          | -37.37        |
| 3079   | 11/14/2021 | 21         | 8        | 55.78      | Yes           | 18.41          | -37.37        |
| 3080   | 11/14/2021 | 21         | 9        | 55.71      | Yes           | 18.41          | -37.30        |
| 3081   | 11/14/2021 | 21         | 10       | 54.30      | Yes           | 18.41          | -35.89        |
| 3082   | 11/14/2021 | 21         | 11       | 54.30      | Yes           | 18.41          | -35.89        |
| 3083   | 11/14/2021 | 21         | 12       | 55.23      | Yes           | 18.41          | -36.82        |
| 3084   | 11/14/2021 | 22         | 1        | 54.70      | Yes           | 18.41          | -36.29        |
| 3085   | 11/14/2021 | 22         | 2        | 54.33      | Yes           | 18.41          | -35.92        |
| 3086   | 11/14/2021 | 22         | 3        | 54.31      | Yes           | 18.41          | -35.90        |
| 3087   | 11/14/2021 | 22         | 4        | 54.43      | Yes           | 18.41          | -36.02        |
| 3088   | 11/14/2021 | 22         | 5        | 54.22      | Yes           | 18.41          | -35.81        |
| 3089   | 11/14/2021 | 22         | 6        | 54.10      | Yes           | 18.41          | -35.69        |
| 3090   | 11/14/2021 | 22         | 7        | 53.40      | Yes           | 18.41          | -34.99        |
| 3091   | 11/14/2021 | 22         | 8        | 52.45      | Yes           | 18.41          | -34.04        |
| 3092   | 11/14/2021 | 22         | 9        | 52.48      | Yes           | 18.41          | -34.07        |
| 3093   | 11/14/2021 | 22         | 10       | 51.86      | Yes           | 18.41          | -33.45        |
| 3094   | 11/14/2021 | 22         | 11       | 50.87      | Yes           | 18.41          | -32.46        |
| 3095   | 11/14/2021 | 22         | 12       | 50.49      | Yes           | 18.41          | -32.08        |
| 3096   | 11/14/2021 | 23         | 1        | 52.68      | Yes           | 18.41          | -34.27        |
| 3097   | 11/14/2021 | 23         | 2        | 53.38      | Yes           | 18.41          | -34.97        |
| 3098   | 11/14/2021 | 23         | 3        | 53.38      | Yes           | 18.41          | -34.97        |
| 3099   | 11/14/2021 | 23         | 4        | 52.28      | Yes           | 18.41          | -33.87        |
| 3100   | 11/14/2021 | 23         | 5        | 50.98      | Yes           | 18.41          | -32.57        |
| 3101   | 11/14/2021 | 23         | 6        | 50.90      | Yes           | 18.41          | -32.49        |
| 3102   | 11/14/2021 | 23         | 7        | 50.00      | Yes           | 18.41          | -31.59        |
| 3103   | 11/14/2021 | 23         | 8        | 49.79      | Yes           | 18.41          | -31.38        |
| 3104   | 11/14/2021 | 23         | 9        | 48.93      | Yes           | 18.41          | -30.52        |
| 3105   | 11/14/2021 | 23         | 10       | 47.52      | Yes           | 18.41          | -29.11        |
| 3106   | 11/14/2021 | 23         | 11       | 47.41      | Yes           | 18.41          | -29.00        |
| 3107   | 11/14/2021 | 23         | 12       | 47.11      | Yes           | 18.41          | -28.70        |
| 3108   | 11/14/2021 | 24         | 1        | 46.43      | Yes           | 18.41          | -28.02        |
| 3109   | 11/14/2021 | 24         | 2        | 46.72      | Yes           | 18.41          | -28.31        |
| 3110   | 11/14/2021 | 24         | 3        | 45.87      | Yes           | 18.41          | -27.46        |
| 3111   | 11/14/2021 | 24         | 4        | 46.33      | Yes           | 18.41          | -27.92        |
| 3112   | 11/14/2021 | 24         | 5        | 44.13      | Yes           | 18.41          | -25.72        |

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| 3113   | 11/14/2021 | 24         | 6        | 44.30      | Yes           | 18.41          | -25.89        |
| 3114   | 11/14/2021 | 24         | 7        | 43.08      | Yes           | 18.41          | -24.67        |
| 3115   | 11/14/2021 | 24         | 8        | 42.76      | Yes           | 18.41          | -24.35        |
| 3116   | 11/14/2021 | 24         | 9        | 43.66      | Yes           | 18.41          | -25.25        |
| 3117   | 11/14/2021 | 24         | 10       | 42.99      | Yes           | 18.41          | -24.58        |
| 3118   | 11/14/2021 | 24         | 11       | 42.31      | Yes           | 18.41          | -23.90        |
| 3119   | 11/14/2021 | 24         | 12       | 41.37      | Yes           | 18.41          | -22.96        |
| 3120   | 11/15/2021 | 1          | 1        | 45.41      | Yes           | 18.41          | -27.00        |
| 3121   | 11/15/2021 | 1          | 2        | 45.43      | Yes           | 18.41          | -27.02        |
| 3122   | 11/15/2021 | 1          | 3        | 45.41      | Yes           | 18.41          | -27.00        |
| 3123   | 11/15/2021 | 1          | 4        | 44.84      | Yes           | 18.41          | -26.43        |
| 3124   | 11/15/2021 | 1          | 5        | 44.84      | Yes           | 18.41          | -26.43        |
| 3125   | 11/15/2021 | 1          | 6        | 45.21      | Yes           | 18.41          | -26.80        |
| 3126   | 11/15/2021 | 1          | 7        | 41.44      | Yes           | 18.41          | -23.03        |
| 3127   | 11/15/2021 | 1          | 8        | 38.50      | Yes           | 18.41          | -20.09        |
| 3128   | 11/15/2021 | 1          | 9        | 37.97      | Yes           | 18.41          | -19.56        |
| 3129   | 11/15/2021 | 1          | 10       | 37.54      | Yes           | 18.41          | -19.13        |
| 3130   | 11/15/2021 | 1          | 11       | 37.01      | Yes           | 18.41          | -18.60        |
| 3131   | 11/15/2021 | 1          | 12       | 36.46      | Yes           | 18.41          | -18.05        |
| 3132   | 11/15/2021 | 2          | 1        | 42.89      | Yes           | 18.41          | -24.48        |
| 3133   | 11/15/2021 | 2          | 2        | 42.50      | Yes           | 18.41          | -24.09        |
| 3134   | 11/15/2021 | 2          | 3        | 41.82      | Yes           | 18.41          | -23.41        |
| 3135   | 11/15/2021 | 2          | 4        | 42.47      | Yes           | 18.41          | -24.06        |
| 3136   | 11/15/2021 | 2          | 5        | 44.66      | Yes           | 18.41          | -26.25        |
| 3137   | 11/15/2021 | 2          | 6        | 43.66      | Yes           | 18.41          | -25.25        |
| 3138   | 11/15/2021 | 2          | 7        | 42.92      | Yes           | 18.41          | -24.51        |
| 3139   | 11/15/2021 | 2          | 8        | 42.92      | Yes           | 18.41          | -24.51        |
| 3140   | 11/15/2021 | 2          | 9        | 42.68      | Yes           | 18.41          | -24.27        |
| 3141   | 11/15/2021 | 2          | 10       | 42.49      | Yes           | 18.41          | -24.08        |
| 3142   | 11/15/2021 | 2          | 11       | 42.49      | Yes           | 18.41          | -24.08        |
| 3143   | 11/15/2021 | 2          | 12       | 44.23      | Yes           | 18.41          | -25.82        |
| 3144   | 11/15/2021 | 3          | 1        | 44.96      | Yes           | 18.41          | -26.55        |
| 3145   | 11/15/2021 | 3          | 2        | 46.57      | Yes           | 18.41          | -28.16        |
| 3146   | 11/15/2021 | 3          | 3        | 46.54      | Yes           | 18.41          | -28.13        |
| 3147   | 11/15/2021 | 3          | 4        | 44.30      | Yes           | 18.41          | -25.89        |
| 3148   | 11/15/2021 | 3          | 5        | 43.61      | Yes           | 18.41          | -25.20        |
| 3149   | 11/15/2021 | 3          | 6        | 43.61      | Yes           | 18.41          | -25.20        |
| 3150   | 11/15/2021 | 3          | 7        | 43.07      | Yes           | 18.41          | -24.66        |



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| 3151   | 11/15/2021 | 3          | 8        | 43.36      | Yes           | 18.41          | -24.95        |
| 3152   | 11/15/2021 | 3          | 9        | 43.32      | Yes           | 18.41          | -24.91        |
| 3153   | 11/15/2021 | 3          | 10       | 42.86      | Yes           | 18.41          | -24.45        |
| 3154   | 11/15/2021 | 3          | 11       | 43.26      | Yes           | 18.41          | -24.85        |
| 3155   | 11/15/2021 | 3          | 12       | 43.48      | Yes           | 18.41          | -25.07        |
| 3156   | 11/15/2021 | 4          | 1        | 43.87      | Yes           | 18.41          | -25.46        |
| 3157   | 11/15/2021 | 4          | 2        | 43.83      | Yes           | 18.41          | -25.42        |
| 3158   | 11/15/2021 | 4          | 3        | 43.45      | Yes           | 18.41          | -25.04        |
| 3159   | 11/15/2021 | 4          | 4        | 45.27      | Yes           | 18.41          | -26.86        |
| 3160   | 11/15/2021 | 4          | 5        | 45.16      | Yes           | 18.41          | -26.75        |
| 3161   | 11/15/2021 | 4          | 6        | 44.97      | Yes           | 18.41          | -26.56        |
| 3162   | 11/15/2021 | 4          | 7        | 45.10      | Yes           | 18.41          | -26.69        |
| 3163   | 11/15/2021 | 4          | 8        | 44.91      | Yes           | 18.41          | -26.50        |
| 3164   | 11/15/2021 | 4          | 9        | 45.33      | Yes           | 18.41          | -26.92        |
| 3165   | 11/15/2021 | 4          | 10       | 45.11      | Yes           | 18.41          | -26.70        |
| 3166   | 11/15/2021 | 4          | 11       | 45.52      | Yes           | 18.41          | -27.11        |
| 3167   | 11/15/2021 | 4          | 12       | 46.09      | Yes           | 18.41          | -27.68        |
| 3168   | 11/15/2021 | 5          | 1        | 47.56      | Yes           | 18.41          | -29.15        |
| 3169   | 11/15/2021 | 5          | 2        | 51.79      | Yes           | 18.41          | -33.38        |
| 3170   | 11/15/2021 | 5          | 3        | 52.46      | Yes           | 18.41          | -34.05        |
| 3171   | 11/15/2021 | 5          | 4        | 49.59      | Yes           | 18.41          | -31.18        |
| 3172   | 11/15/2021 | 5          | 5        | 49.28      | Yes           | 18.41          | -30.87        |
| 3173   | 11/15/2021 | 5          | 6        | 49.35      | Yes           | 18.41          | -30.94        |
| 3174   | 11/15/2021 | 5          | 7        | 50.08      | Yes           | 18.41          | -31.67        |
| 3175   | 11/15/2021 | 5          | 8        | 49.64      | Yes           | 18.41          | -31.23        |
| 3176   | 11/15/2021 | 5          | 9        | 50.09      | Yes           | 18.41          | -31.68        |
| 3177   | 11/15/2021 | 5          | 10       | 51.81      | Yes           | 18.41          | -33.40        |
| 3178   | 11/15/2021 | 5          | 11       | 49.73      | Yes           | 18.41          | -31.32        |
| 3179   | 11/15/2021 | 5          | 12       | 50.67      | Yes           | 18.41          | -32.26        |
| 3180   | 11/15/2021 | 6          | 1        | 51.11      | Yes           | 18.41          | -32.70        |
| 3181   | 11/15/2021 | 6          | 2        | 51.08      | Yes           | 18.41          | -32.67        |
| 3182   | 11/15/2021 | 6          | 3        | 53.06      | Yes           | 18.41          | -34.65        |
| 3183   | 11/15/2021 | 6          | 4        | 53.40      | Yes           | 18.41          | -34.99        |
| 3184   | 11/15/2021 | 6          | 5        | 53.37      | Yes           | 18.41          | -34.96        |
| 3185   | 11/15/2021 | 6          | 6        | 53.83      | Yes           | 18.41          | -35.42        |
| 3186   | 11/15/2021 | 6          | 7        | 55.56      | Yes           | 18.41          | -37.15        |
| 3187   | 11/15/2021 | 6          | 8        | 56.03      | Yes           | 18.41          | -37.62        |
| 3188   | 11/15/2021 | 6          | 9        | 56.51      | Yes           | 18.41          | -38.10        |

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| 3189   | 11/15/2021 | 6          | 10       | 56.46      | Yes           | 18.41          | -38.05        |
| 3190   | 11/15/2021 | 6          | 11       | 58.99      | Yes           | 18.41          | -40.58        |
| 3191   | 11/15/2021 | 6          | 12       | 60.50      | Yes           | 18.41          | -42.09        |
| 3192   | 11/15/2021 | 7          | 1        | 58.10      | Yes           | 18.41          | -39.69        |
| 3193   | 11/15/2021 | 7          | 2        | 58.42      | Yes           | 18.41          | -40.01        |
| 3194   | 11/15/2021 | 7          | 3        | 58.96      | Yes           | 18.41          | -40.55        |
| 3195   | 11/15/2021 | 7          | 4        | 62.73      | Yes           | 18.41          | -44.32        |
| 3196   | 11/15/2021 | 7          | 5        | 65.45      | Yes           | 18.41          | -47.04        |
| 3197   | 11/15/2021 | 7          | 6        | 66.80      | Yes           | 18.41          | -48.39        |
| 3198   | 11/15/2021 | 7          | 7        | 67.20      | Yes           | 18.41          | -48.79        |
| 3199   | 11/15/2021 | 7          | 8        | 65.65      | Yes           | 18.41          | -47.24        |
| 3200   | 11/15/2021 | 7          | 9        | 62.10      | Yes           | 18.41          | -43.69        |
| 3201   | 11/15/2021 | 7          | 11       | 55.11      | Yes           | 18.41          | -36.70        |
| 3202   | 11/15/2021 | 7          | 12       | 55.11      | Yes           | 18.41          | -36.70        |
| 3203   | 11/15/2021 | 8          | 1        | 70.56      | Yes           | 18.41          | -52.15        |
| 3204   | 11/15/2021 | 8          | 2        | 72.15      | Yes           | 18.41          | -53.74        |
| 3205   | 11/15/2021 | 8          | 3        | 63.47      | Yes           | 18.41          | -45.06        |
| 3206   | 11/15/2021 | 8          | 4        | 58.80      | Yes           | 18.41          | -40.39        |
| 3207   | 11/15/2021 | 8          | 5        | 56.88      | Yes           | 18.41          | -38.47        |
| 3208   | 11/15/2021 | 8          | 6        | 56.12      | Yes           | 18.41          | -37.71        |
| 3209   | 11/15/2021 | 8          | 7        | 53.61      | Yes           | 18.41          | -35.20        |
| 3210   | 11/15/2021 | 8          | 8        | 53.08      | Yes           | 18.41          | -34.67        |
| 3211   | 11/15/2021 | 8          | 9        | 51.54      | Yes           | 18.41          | -33.13        |
| 3212   | 11/15/2021 | 8          | 10       | 46.62      | Yes           | 18.41          | -28.21        |
| 3213   | 11/15/2021 | 8          | 11       | 44.12      | Yes           | 18.41          | -25.71        |
| 3214   | 11/15/2021 | 8          | 12       | 39.96      | Yes           | 18.41          | -21.55        |
| 3215   | 11/15/2021 | 9          | 1        | 51.27      | Yes           | 18.41          | -32.86        |
| 3216   | 11/15/2021 | 9          | 2        | 48.51      | Yes           | 18.41          | -30.10        |
| 3217   | 11/15/2021 | 9          | 3        | 47.87      | Yes           | 18.41          | -29.46        |
| 3218   | 11/15/2021 | 9          | 4        | 47.70      | Yes           | 18.41          | -29.29        |
| 3219   | 11/15/2021 | 9          | 5        | 46.66      | Yes           | 18.41          | -28.25        |
| 3220   | 11/15/2021 | 9          | 6        | 46.38      | Yes           | 18.41          | -27.97        |
| 3221   | 11/15/2021 | 9          | 7        | 43.89      | Yes           | 18.41          | -25.48        |
| 3222   | 11/15/2021 | 9          | 8        | 45.86      | Yes           | 18.41          | -27.45        |
| 3223   | 11/15/2021 | 9          | 9        | 45.82      | Yes           | 18.41          | -27.41        |
| 3224   | 11/15/2021 | 9          | 10       | 45.37      | Yes           | 18.41          | -26.96        |
| 3225   | 11/15/2021 | 9          | 11       | 46.50      | Yes           | 18.41          | -28.09        |
| 3226   | 11/15/2021 | 9          | 12       | 44.89      | Yes           | 18.41          | -26.48        |

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| 3227   | 11/15/2021 | 10         | 1        | 50.07      | Yes           | 18.41          | -31.66        |
| 3228   | 11/15/2021 | 10         | 2        | 51.58      | Yes           | 18.41          | -33.17        |
| 3229   | 11/15/2021 | 10         | 3        | 50.51      | Yes           | 18.41          | -32.10        |
| 3230   | 11/15/2021 | 10         | 4        | 49.28      | Yes           | 18.41          | -30.87        |
| 3231   | 11/15/2021 | 10         | 5        | 51.34      | Yes           | 18.41          | -32.93        |
| 3232   | 11/15/2021 | 10         | 6        | 49.65      | Yes           | 18.41          | -31.24        |
| 3233   | 11/15/2021 | 10         | 7        | 52.57      | Yes           | 18.41          | -34.16        |
| 3234   | 11/15/2021 | 10         | 8        | 52.91      | Yes           | 18.41          | -34.50        |
| 3235   | 11/15/2021 | 10         | 9        | 52.67      | Yes           | 18.41          | -34.26        |
| 3236   | 11/15/2021 | 10         | 10       | 52.74      | Yes           | 18.41          | -34.33        |
| 3237   | 11/15/2021 | 10         | 11       | 50.42      | Yes           | 18.41          | -32.01        |
| 3238   | 11/15/2021 | 10         | 12       | 49.52      | Yes           | 18.41          | -31.11        |
| 3239   | 11/15/2021 | 11         | 10       | 46.53      | Yes           | 18.41          | -28.12        |
| 3240   | 11/15/2021 | 11         | 11       | 46.59      | Yes           | 18.41          | -28.18        |
| 3241   | 11/15/2021 | 11         | 12       | 45.96      | Yes           | 18.41          | -27.55        |
| 3242   | 11/15/2021 | 12         | 1        | 44.82      | Yes           | 18.41          | -26.41        |
| 3243   | 11/15/2021 | 12         | 2        | 42.86      | Yes           | 18.41          | -24.45        |
| 3244   | 11/15/2021 | 12         | 3        | 42.49      | Yes           | 18.41          | -24.08        |
| 3245   | 11/15/2021 | 12         | 4        | 44.31      | Yes           | 18.41          | -25.90        |
| 3246   | 11/15/2021 | 12         | 5        | 44.19      | Yes           | 18.41          | -25.78        |
| 3247   | 11/15/2021 | 12         | 6        | 44.40      | Yes           | 18.41          | -25.99        |
| 3248   | 11/15/2021 | 12         | 7        | 42.33      | Yes           | 18.41          | -23.92        |
| 3249   | 11/15/2021 | 12         | 8        | 41.22      | Yes           | 18.41          | -22.81        |
| 3250   | 11/15/2021 | 12         | 9        | 41.64      | Yes           | 18.41          | -23.23        |
| 3251   | 11/15/2021 | 12         | 10       | 41.66      | Yes           | 18.41          | -23.25        |
| 3252   | 11/15/2021 | 12         | 11       | 39.94      | Yes           | 18.41          | -21.53        |
| 3253   | 11/15/2021 | 12         | 12       | 39.60      | Yes           | 18.41          | -21.19        |
| 3254   | 11/15/2021 | 13         | 1        | 41.21      | Yes           | 18.41          | -22.80        |
| 3255   | 11/15/2021 | 13         | 2        | 38.08      | Yes           | 18.41          | -19.67        |
| 3256   | 11/15/2021 | 13         | 3        | 35.88      | Yes           | 18.41          | -17.47        |
| 3257   | 11/15/2021 | 13         | 4        | 40.30      | Yes           | 18.41          | -21.89        |
| 3258   | 11/15/2021 | 13         | 5        | 39.92      | Yes           | 18.41          | -21.51        |
| 3259   | 11/15/2021 | 13         | 6        | 34.45      | Yes           | 18.41          | -16.04        |
| 3260   | 11/15/2021 | 13         | 7        | 32.10      | Yes           | 18.41          | -13.69        |
| 3261   | 11/15/2021 | 13         | 8        | 36.11      | Yes           | 18.41          | -17.70        |
| 3262   | 11/15/2021 | 13         | 9        | 35.80      | Yes           | 18.41          | -17.39        |
| 3263   | 11/15/2021 | 13         | 10       | 36.14      | Yes           | 18.41          | -17.73        |
| 3264   | 11/15/2021 | 13         | 11       | 36.15      | Yes           | 18.41          | -17.74        |

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| 3265   | 11/15/2021 | 13         | 12       | 35.68      | Yes           | 18.41          | -17.27        |
| 3266   | 11/15/2021 | 14         | 1        | 36.46      | Yes           | 18.41          | -18.05        |
| 3267   | 11/15/2021 | 14         | 2        | 35.89      | Yes           | 18.41          | -17.48        |
| 3268   | 11/15/2021 | 14         | 3        | 34.57      | Yes           | 18.41          | -16.16        |
| 3269   | 11/15/2021 | 14         | 4        | 40.05      | Yes           | 18.41          | -21.64        |
| 3270   | 11/15/2021 | 14         | 5        | 37.73      | Yes           | 18.41          | -19.32        |
| 3271   | 11/15/2021 | 14         | 6        | 40.28      | Yes           | 18.41          | -21.87        |
| 3272   | 11/15/2021 | 14         | 7        | 41.80      | Yes           | 18.41          | -23.39        |
| 3273   | 11/15/2021 | 14         | 8        | 42.98      | Yes           | 18.41          | -24.57        |
| 3274   | 11/15/2021 | 14         | 9        | 40.10      | Yes           | 18.41          | -21.69        |
| 3275   | 11/15/2021 | 14         | 10       | 43.43      | Yes           | 18.41          | -25.02        |
| 3276   | 11/15/2021 | 14         | 11       | 40.64      | Yes           | 18.41          | -22.23        |
| 3277   | 11/15/2021 | 14         | 12       | 43.70      | Yes           | 18.41          | -25.29        |
| 3278   | 11/15/2021 | 15         | 1        | 44.56      | Yes           | 18.41          | -26.15        |
| 3279   | 11/15/2021 | 15         | 2        | 43.04      | Yes           | 18.41          | -24.63        |
| 3280   | 11/15/2021 | 15         | 3        | 43.27      | Yes           | 18.41          | -24.86        |
| 3281   | 11/15/2021 | 15         | 4        | 47.45      | Yes           | 18.41          | -29.04        |
| 3282   | 11/15/2021 | 15         | 5        | 49.85      | Yes           | 18.41          | -31.44        |
| 3283   | 11/15/2021 | 15         | 6        | 48.22      | Yes           | 18.41          | -29.81        |
| 3284   | 11/15/2021 | 15         | 7        | 50.66      | Yes           | 18.41          | -32.25        |
| 3285   | 11/15/2021 | 15         | 8        | 49.57      | Yes           | 18.41          | -31.16        |
| 3286   | 11/15/2021 | 15         | 9        | 53.70      | Yes           | 18.41          | -35.29        |
| 3287   | 11/15/2021 | 15         | 10       | 62.39      | Yes           | 18.41          | -43.98        |
| 3288   | 11/15/2021 | 15         | 11       | 69.07      | Yes           | 18.41          | -50.66        |
| 3289   | 11/15/2021 | 15         | 12       | 60.78      | Yes           | 18.41          | -42.37        |
| 3290   | 11/15/2021 | 16         | 1        | 44.61      | Yes           | 18.41          | -26.20        |
| 3291   | 11/15/2021 | 16         | 2        | 41.13      | Yes           | 18.41          | -22.72        |
| 3292   | 11/15/2021 | 16         | 3        | 41.75      | Yes           | 18.41          | -23.34        |
| 3293   | 11/15/2021 | 16         | 4        | 42.30      | Yes           | 18.41          | -23.89        |
| 3294   | 11/15/2021 | 16         | 5        | 41.93      | Yes           | 18.41          | -23.52        |
| 3295   | 11/15/2021 | 16         | 6        | 43.21      | Yes           | 18.41          | -24.80        |
| 3296   | 11/15/2021 | 16         | 7        | 42.78      | Yes           | 18.41          | -24.37        |
| 3297   | 11/15/2021 | 16         | 8        | 49.19      | Yes           | 18.41          | -30.78        |
| 3298   | 11/15/2021 | 16         | 9        | 57.42      | Yes           | 18.41          | -39.01        |
| 3299   | 11/15/2021 | 19         | 7        | 45.37      | Yes           | 18.41          | -26.96        |
| 3300   | 11/15/2021 | 19         | 8        | 45.01      | Yes           | 18.41          | -26.60        |
| 3301   | 11/15/2021 | 19         | 9        | 45.01      | Yes           | 18.41          | -26.60        |
| 3302   | 11/15/2021 | 19         | 10       | 45.07      | Yes           | 18.41          | -26.66        |

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| 3303   | 11/15/2021 | 19         | 11       | 45.07      | Yes           | 18.41          | -26.66        |
| 3304   | 11/15/2021 | 19         | 12       | 47.56      | Yes           | 18.41          | -29.15        |
| 3305   | 11/15/2021 | 20         | 1        | 52.95      | Yes           | 18.41          | -34.54        |
| 3306   | 11/15/2021 | 20         | 2        | 53.42      | Yes           | 18.41          | -35.01        |
| 3307   | 11/15/2021 | 20         | 3        | 56.63      | Yes           | 18.41          | -38.22        |
| 3308   | 11/15/2021 | 20         | 4        | 56.13      | Yes           | 18.41          | -37.72        |
| 3309   | 11/15/2021 | 20         | 5        | 54.04      | Yes           | 18.41          | -35.63        |
| 3310   | 11/15/2021 | 20         | 6        | 52.21      | Yes           | 18.41          | -33.80        |
| 3311   | 11/15/2021 | 20         | 7        | 52.15      | Yes           | 18.41          | -33.74        |
| 3312   | 11/15/2021 | 20         | 8        | 52.22      | Yes           | 18.41          | -33.81        |
| 3313   | 11/15/2021 | 20         | 9        | 52.03      | Yes           | 18.41          | -33.62        |
| 3314   | 11/15/2021 | 20         | 10       | 50.98      | Yes           | 18.41          | -32.57        |
| 3315   | 11/15/2021 | 20         | 11       | 51.24      | Yes           | 18.41          | -32.83        |
| 3316   | 11/15/2021 | 20         | 12       | 50.48      | Yes           | 18.41          | -32.07        |
| 3317   | 11/15/2021 | 21         | 1        | 50.77      | Yes           | 18.41          | -32.36        |
| 3318   | 11/15/2021 | 21         | 2        | 51.51      | Yes           | 18.41          | -33.10        |
| 3319   | 11/15/2021 | 21         | 3        | 50.70      | Yes           | 18.41          | -32.29        |
| 3320   | 11/15/2021 | 21         | 4        | 48.01      | Yes           | 18.41          | -29.60        |
| 3321   | 11/15/2021 | 21         | 5        | 50.74      | Yes           | 18.41          | -32.33        |
| 3322   | 11/15/2021 | 21         | 6        | 50.46      | Yes           | 18.41          | -32.05        |
| 3323   | 11/15/2021 | 21         | 7        | 48.26      | Yes           | 18.41          | -29.85        |
| 3324   | 11/15/2021 | 21         | 8        | 48.73      | Yes           | 18.41          | -30.32        |
| 3325   | 11/15/2021 | 21         | 9        | 48.73      | Yes           | 18.41          | -30.32        |
| 3326   | 11/15/2021 | 21         | 10       | 46.75      | Yes           | 18.41          | -28.34        |
| 3327   | 11/15/2021 | 21         | 11       | 47.62      | Yes           | 18.41          | -29.21        |
| 3328   | 11/15/2021 | 21         | 12       | 48.25      | Yes           | 18.41          | -29.84        |
| 3329   | 11/15/2021 | 22         | 1        | 49.26      | Yes           | 18.41          | -30.85        |
| 3330   | 11/15/2021 | 22         | 2        | 49.74      | Yes           | 18.41          | -31.33        |
| 3331   | 11/15/2021 | 22         | 3        | 51.02      | Yes           | 18.41          | -32.61        |
| 3332   | 11/15/2021 | 22         | 4        | 48.89      | Yes           | 18.41          | -30.48        |
| 3333   | 11/15/2021 | 22         | 5        | 48.11      | Yes           | 18.41          | -29.70        |
| 3334   | 11/15/2021 | 22         | 6        | 45.77      | Yes           | 18.41          | -27.36        |
| 3335   | 11/15/2021 | 22         | 7        | 44.90      | Yes           | 18.41          | -26.49        |
| 3336   | 11/15/2021 | 22         | 8        | 43.00      | Yes           | 18.41          | -24.59        |
| 3337   | 11/15/2021 | 22         | 9        | 42.69      | Yes           | 18.41          | -24.28        |
| 3338   | 11/15/2021 | 22         | 10       | 42.56      | Yes           | 18.41          | -24.15        |
| 3339   | 11/15/2021 | 22         | 11       | 41.45      | Yes           | 18.41          | -23.04        |
| 3340   | 11/15/2021 | 22         | 12       | 41.32      | Yes           | 18.41          | -22.91        |

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| 3341   | 11/15/2021 | 23         | 1        | 41.86      | Yes           | 18.41          | -23.45        |
| 3342   | 11/15/2021 | 23         | 2        | 41.75      | Yes           | 18.41          | -23.34        |
| 3343   | 11/15/2021 | 23         | 3        | 41.80      | Yes           | 18.41          | -23.39        |
| 3344   | 11/15/2021 | 23         | 4        | 41.15      | Yes           | 18.41          | -22.74        |
| 3345   | 11/15/2021 | 23         | 5        | 40.90      | Yes           | 18.41          | -22.49        |
| 3346   | 11/15/2021 | 23         | 6        | 40.90      | Yes           | 18.41          | -22.49        |
| 3347   | 11/15/2021 | 23         | 7        | 40.57      | Yes           | 18.41          | -22.16        |
| 3348   | 11/15/2021 | 23         | 8        | 41.75      | Yes           | 18.41          | -23.34        |
| 3349   | 11/15/2021 | 23         | 9        | 40.38      | Yes           | 18.41          | -21.97        |
| 3350   | 11/15/2021 | 23         | 10       | 40.15      | Yes           | 18.41          | -21.74        |
| 3351   | 11/15/2021 | 23         | 11       | 38.23      | Yes           | 18.41          | -19.82        |
| 3352   | 11/15/2021 | 23         | 12       | 38.34      | Yes           | 18.41          | -19.93        |
| 3353   | 11/15/2021 | 24         | 1        | 35.99      | Yes           | 18.41          | -17.58        |
| 3354   | 11/15/2021 | 24         | 2        | 35.95      | Yes           | 18.41          | -17.54        |
| 3355   | 11/15/2021 | 24         | 3        | 36.05      | Yes           | 18.41          | -17.64        |
| 3356   | 11/15/2021 | 24         | 4        | 36.07      | Yes           | 18.41          | -17.66        |
| 3357   | 11/15/2021 | 24         | 5        | 35.68      | Yes           | 18.41          | -17.27        |
| 3358   | 11/15/2021 | 24         | 6        | 35.65      | Yes           | 18.41          | -17.24        |
| 3359   | 11/15/2021 | 24         | 7        | 37.46      | Yes           | 18.41          | -19.05        |
| 3360   | 11/15/2021 | 24         | 8        | 37.47      | Yes           | 18.41          | -19.06        |
| 3361   | 11/15/2021 | 24         | 9        | 36.45      | Yes           | 18.41          | -18.04        |
| 3362   | 11/15/2021 | 24         | 10       | 38.05      | Yes           | 18.41          | -19.64        |
| 3363   | 11/15/2021 | 24         | 11       | 37.94      | Yes           | 18.41          | -19.53        |
| 3364   | 11/15/2021 | 24         | 12       | 36.93      | Yes           | 18.41          | -18.52        |
| 3365   | 11/16/2021 | 1          | 1        | 49.98      | Yes           | 19.56          | -30.42        |
| 3366   | 11/16/2021 | 1          | 2        | 52.37      | Yes           | 19.56          | -32.81        |
| 3367   | 11/16/2021 | 1          | 3        | 51.90      | Yes           | 19.56          | -32.34        |
| 3368   | 11/16/2021 | 1          | 4        | 51.95      | Yes           | 19.56          | -32.39        |
| 3369   | 11/16/2021 | 1          | 5        | 51.64      | Yes           | 19.56          | -32.08        |
| 3370   | 11/16/2021 | 1          | 6        | 52.59      | Yes           | 19.56          | -33.03        |
| 3371   | 11/16/2021 | 1          | 7        | 46.13      | Yes           | 19.56          | -26.57        |
| 3372   | 11/16/2021 | 1          | 8        | 44.84      | Yes           | 19.56          | -25.28        |
| 3373   | 11/16/2021 | 1          | 9        | 45.55      | Yes           | 19.56          | -25.99        |
| 3374   | 11/16/2021 | 1          | 10       | 44.59      | Yes           | 19.56          | -25.03        |
| 3375   | 11/16/2021 | 1          | 11       | 44.01      | Yes           | 19.56          | -24.45        |
| 3376   | 11/16/2021 | 1          | 12       | 42.29      | Yes           | 19.56          | -22.73        |
| 3377   | 11/16/2021 | 2          | 1        | 44.79      | Yes           | 19.56          | -25.23        |
| 3378   | 11/16/2021 | 2          | 2        | 44.03      | Yes           | 19.56          | -24.47        |

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| 3379   | 11/16/2021 | 2          | 3        | 44.66      | Yes           | 19.56          | -25.10        |
| 3380   | 11/16/2021 | 2          | 4        | 44.64      | Yes           | 19.56          | -25.08        |
| 3381   | 11/16/2021 | 2          | 5        | 44.64      | Yes           | 19.56          | -25.08        |
| 3382   | 11/16/2021 | 2          | 6        | 44.64      | Yes           | 19.56          | -25.08        |
| 3383   | 11/16/2021 | 2          | 7        | 44.40      | Yes           | 19.56          | -24.84        |
| 3384   | 11/16/2021 | 2          | 8        | 42.21      | Yes           | 19.56          | -22.65        |
| 3385   | 11/16/2021 | 2          | 9        | 42.98      | Yes           | 19.56          | -23.42        |
| 3386   | 11/16/2021 | 2          | 10       | 42.94      | Yes           | 19.56          | -23.38        |
| 3387   | 11/16/2021 | 2          | 11       | 42.94      | Yes           | 19.56          | -23.38        |
| 3388   | 11/16/2021 | 2          | 12       | 42.09      | Yes           | 19.56          | -22.53        |
| 3389   | 11/16/2021 | 3          | 1        | 43.91      | Yes           | 19.56          | -24.35        |
| 3390   | 11/16/2021 | 3          | 2        | 43.92      | Yes           | 19.56          | -24.36        |
| 3391   | 11/16/2021 | 3          | 3        | 44.06      | Yes           | 19.56          | -24.50        |
| 3392   | 11/16/2021 | 3          | 4        | 42.19      | Yes           | 19.56          | -22.63        |
| 3393   | 11/16/2021 | 3          | 5        | 41.63      | Yes           | 19.56          | -22.07        |
| 3394   | 11/16/2021 | 3          | 6        | 40.82      | Yes           | 19.56          | -21.26        |
| 3395   | 11/16/2021 | 3          | 7        | 40.51      | Yes           | 19.56          | -20.95        |
| 3396   | 11/16/2021 | 3          | 8        | 41.98      | Yes           | 19.56          | -22.42        |
| 3397   | 11/16/2021 | 3          | 9        | 40.40      | Yes           | 19.56          | -20.84        |
| 3398   | 11/16/2021 | 3          | 10       | 40.77      | Yes           | 19.56          | -21.21        |
| 3399   | 11/16/2021 | 3          | 11       | 39.84      | Yes           | 19.56          | -20.28        |
| 3400   | 11/16/2021 | 3          | 12       | 39.73      | Yes           | 19.56          | -20.17        |
| 3401   | 11/16/2021 | 4          | 1        | 40.19      | Yes           | 19.56          | -20.63        |
| 3402   | 11/16/2021 | 4          | 2        | 40.43      | Yes           | 19.56          | -20.87        |
| 3403   | 11/16/2021 | 4          | 3        | 40.43      | Yes           | 19.56          | -20.87        |
| 3404   | 11/16/2021 | 4          | 4        | 40.55      | Yes           | 19.56          | -20.99        |
| 3405   | 11/16/2021 | 4          | 5        | 40.85      | Yes           | 19.56          | -21.29        |
| 3406   | 11/16/2021 | 4          | 6        | 41.32      | Yes           | 19.56          | -21.76        |
| 3407   | 11/16/2021 | 4          | 7        | 41.43      | Yes           | 19.56          | -21.87        |
| 3408   | 11/16/2021 | 4          | 8        | 41.62      | Yes           | 19.56          | -22.06        |
| 3409   | 11/16/2021 | 4          | 9        | 41.80      | Yes           | 19.56          | -22.24        |
| 3410   | 11/16/2021 | 4          | 10       | 45.26      | Yes           | 19.56          | -25.70        |
| 3411   | 11/16/2021 | 4          | 11       | 45.00      | Yes           | 19.56          | -25.44        |
| 3412   | 11/16/2021 | 4          | 12       | 45.69      | Yes           | 19.56          | -26.13        |
| 3413   | 11/16/2021 | 5          | 1        | 41.38      | Yes           | 19.56          | -21.82        |
| 3414   | 11/16/2021 | 5          | 2        | 41.38      | Yes           | 19.56          | -21.82        |
| 3415   | 11/16/2021 | 5          | 3        | 41.50      | Yes           | 19.56          | -21.94        |
| 3416   | 11/16/2021 | 5          | 4        | 43.85      | Yes           | 19.56          | -24.29        |

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| 3417   | 11/16/2021 | 5          | 5        | 42.74      | Yes           | 19.56          | -23.18        |
| 3418   | 11/16/2021 | 5          | 6        | 43.99      | Yes           | 19.56          | -24.43        |
| 3419   | 11/16/2021 | 5          | 7        | 44.10      | Yes           | 19.56          | -24.54        |
| 3420   | 11/16/2021 | 5          | 8        | 44.48      | Yes           | 19.56          | -24.92        |
| 3421   | 11/16/2021 | 5          | 9        | 44.28      | Yes           | 19.56          | -24.72        |
| 3422   | 11/16/2021 | 5          | 10       | 44.95      | Yes           | 19.56          | -25.39        |
| 3423   | 11/16/2021 | 5          | 11       | 44.95      | Yes           | 19.56          | -25.39        |
| 3424   | 11/16/2021 | 5          | 12       | 44.62      | Yes           | 19.56          | -25.06        |
| 3425   | 11/16/2021 | 6          | 1        | 46.17      | Yes           | 19.56          | -26.61        |
| 3426   | 11/16/2021 | 6          | 2        | 46.08      | Yes           | 19.56          | -26.52        |
| 3427   | 11/16/2021 | 6          | 3        | 49.63      | Yes           | 19.56          | -30.07        |
| 3428   | 11/16/2021 | 6          | 4        | 53.96      | Yes           | 19.56          | -34.40        |
| 3429   | 11/16/2021 | 6          | 5        | 51.49      | Yes           | 19.56          | -31.93        |
| 3430   | 11/16/2021 | 6          | 6        | 53.93      | Yes           | 19.56          | -34.37        |
| 3431   | 11/16/2021 | 6          | 7        | 56.23      | Yes           | 19.56          | -36.67        |
| 3432   | 11/16/2021 | 6          | 8        | 56.50      | Yes           | 19.56          | -36.94        |
| 3433   | 11/16/2021 | 6          | 9        | 60.90      | Yes           | 19.56          | -41.34        |
| 3434   | 11/16/2021 | 6          | 10       | 63.03      | Yes           | 19.56          | -43.47        |
| 3435   | 11/16/2021 | 6          | 11       | 64.86      | Yes           | 19.56          | -45.30        |
| 3436   | 11/16/2021 | 6          | 12       | 68.45      | Yes           | 19.56          | -48.89        |
| 3437   | 11/16/2021 | 7          | 1        | 63.29      | Yes           | 19.56          | -43.73        |
| 3438   | 11/16/2021 | 7          | 2        | 70.36      | Yes           | 19.56          | -50.80        |
| 3439   | 11/16/2021 | 7          | 3        | 105.97     | Yes           | 19.56          | -86.41        |
| 3440   | 11/16/2021 | 7          | 4        | 71.37      | Yes           | 19.56          | -51.81        |
| 3441   | 11/16/2021 | 7          | 5        | 71.58      | Yes           | 19.56          | -52.02        |
| 3442   | 11/16/2021 | 7          | 6        | 77.89      | Yes           | 19.56          | -58.33        |
| 3443   | 11/16/2021 | 7          | 7        | 280.49     | Yes           | 19.56          | -260.93       |
| 3444   | 11/16/2021 | 7          | 8        | 220.84     | Yes           | 19.56          | -201.28       |
| 3445   | 11/16/2021 | 7          | 9        | 121.79     | Yes           | 19.56          | -102.23       |
| 3446   | 11/16/2021 | 7          | 10       | 96.04      | Yes           | 19.56          | -76.48        |
| 3447   | 11/16/2021 | 7          | 11       | 469.30     | Yes           | 19.56          | -449.74       |
| 3448   | 11/16/2021 | 7          | 12       | 113.16     | Yes           | 19.56          | -93.60        |
| 3449   | 11/16/2021 | 8          | 1        | 880.33     | Yes           | 19.56          | -860.77       |
| 3450   | 11/16/2021 | 8          | 2        | 883.14     | Yes           | 19.56          | -863.58       |
| 3451   | 11/16/2021 | 8          | 3        | 883.14     | Yes           | 19.56          | -863.58       |
| 3452   | 11/16/2021 | 8          | 4        | 888.53     | Yes           | 19.56          | -868.97       |
| 3453   | 11/16/2021 | 8          | 5        | 882.44     | Yes           | 19.56          | -862.88       |
| 3454   | 11/16/2021 | 8          | 6        | 890.50     | Yes           | 19.56          | -870.94       |



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| 3455   | 11/16/2021 | 8          | 7        | 884.40     | Yes           | 19.56          | -864.84       |
| 3456   | 11/16/2021 | 8          | 8        | 515.36     | Yes           | 19.56          | -495.80       |
| 3457   | 11/16/2021 | 8          | 9        | 790.04     | Yes           | 19.56          | -770.48       |
| 3458   | 11/16/2021 | 8          | 10       | 753.82     | Yes           | 19.56          | -734.26       |
| 3459   | 11/16/2021 | 8          | 11       | 770.59     | Yes           | 19.56          | -751.03       |
| 3460   | 11/16/2021 | 8          | 12       | 810.33     | Yes           | 19.56          | -790.77       |
| 3461   | 11/16/2021 | 9          | 1        | 115.89     | Yes           | 19.56          | -96.33        |
| 3462   | 11/16/2021 | 9          | 2        | 79.55      | Yes           | 19.56          | -59.99        |
| 3463   | 11/16/2021 | 9          | 3        | 66.24      | Yes           | 19.56          | -46.68        |
| 3464   | 11/16/2021 | 9          | 4        | 63.39      | Yes           | 19.56          | -43.83        |
| 3465   | 11/16/2021 | 9          | 5        | 64.29      | Yes           | 19.56          | -44.73        |
| 3466   | 11/16/2021 | 9          | 6        | 57.14      | Yes           | 19.56          | -37.58        |
| 3467   | 11/16/2021 | 9          | 7        | 52.19      | Yes           | 19.56          | -32.63        |
| 3468   | 11/16/2021 | 9          | 8        | 47.74      | Yes           | 19.56          | -28.18        |
| 3469   | 11/16/2021 | 9          | 9        | 47.08      | Yes           | 19.56          | -27.52        |
| 3470   | 11/16/2021 | 9          | 10       | 47.00      | Yes           | 19.56          | -27.44        |
| 3471   | 11/16/2021 | 9          | 11       | 47.63      | Yes           | 19.56          | -28.07        |
| 3472   | 11/16/2021 | 9          | 12       | 47.00      | Yes           | 19.56          | -27.44        |
| 3473   | 11/16/2021 | 10         | 1        | 49.44      | Yes           | 19.56          | -29.88        |
| 3474   | 11/16/2021 | 10         | 2        | 52.39      | Yes           | 19.56          | -32.83        |
| 3475   | 11/16/2021 | 10         | 3        | 51.04      | Yes           | 19.56          | -31.48        |
| 3476   | 11/16/2021 | 10         | 4        | 50.67      | Yes           | 19.56          | -31.11        |
| 3477   | 11/16/2021 | 10         | 5        | 50.89      | Yes           | 19.56          | -31.33        |
| 3478   | 11/16/2021 | 10         | 6        | 53.34      | Yes           | 19.56          | -33.78        |
| 3479   | 11/16/2021 | 10         | 7        | 60.29      | Yes           | 19.56          | -40.73        |
| 3480   | 11/16/2021 | 10         | 8        | 69.99      | Yes           | 19.56          | -50.43        |
| 3481   | 11/16/2021 | 10         | 9        | 59.88      | Yes           | 19.56          | -40.32        |
| 3482   | 11/16/2021 | 10         | 10       | 52.32      | Yes           | 19.56          | -32.76        |
| 3483   | 11/16/2021 | 10         | 11       | 48.66      | Yes           | 19.56          | -29.10        |
| 3484   | 11/16/2021 | 10         | 12       | 45.37      | Yes           | 19.56          | -25.81        |
| 3485   | 11/16/2021 | 11         | 1        | 46.97      | Yes           | 19.56          | -27.41        |
| 3486   | 11/16/2021 | 11         | 2        | 47.03      | Yes           | 19.56          | -27.47        |
| 3487   | 11/16/2021 | 11         | 3        | 45.93      | Yes           | 19.56          | -26.37        |
| 3488   | 11/16/2021 | 11         | 4        | 45.63      | Yes           | 19.56          | -26.07        |
| 3489   | 11/16/2021 | 11         | 5        | 45.69      | Yes           | 19.56          | -26.13        |
| 3490   | 11/16/2021 | 11         | 6        | 44.38      | Yes           | 19.56          | -24.82        |
| 3491   | 11/16/2021 | 11         | 7        | 42.73      | Yes           | 19.56          | -23.17        |
| 3492   | 11/16/2021 | 11         | 8        | 36.27      | Yes           | 19.56          | -16.71        |

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| 3493   | 11/16/2021 | 11         | 9        | 20.71      | Yes           | 19.56          | -1.15         |
| 3494   | 11/16/2021 | 11         | 10       | 27.32      | Yes           | 19.56          | -7.76         |
| 3495   | 11/16/2021 | 11         | 11       | 38.34      | Yes           | 19.56          | -18.78        |
| 3496   | 11/16/2021 | 11         | 12       | 41.42      | Yes           | 19.56          | -21.86        |
| 3497   | 11/16/2021 | 12         | 1        | 46.34      | Yes           | 19.56          | -26.78        |
| 3498   | 11/16/2021 | 12         | 2        | 46.34      | Yes           | 19.56          | -26.78        |
| 3499   | 11/16/2021 | 12         | 3        | 47.45      | Yes           | 19.56          | -27.89        |
| 3500   | 11/16/2021 | 12         | 4        | 40.33      | Yes           | 19.56          | -20.77        |
| 3501   | 11/16/2021 | 12         | 5        | 35.11      | Yes           | 19.56          | -15.55        |
| 3502   | 11/16/2021 | 12         | 6        | 35.62      | Yes           | 19.56          | -16.06        |
| 3503   | 11/16/2021 | 12         | 7        | 34.33      | Yes           | 19.56          | -14.77        |
| 3504   | 11/16/2021 | 12         | 8        | 41.21      | Yes           | 19.56          | -21.65        |
| 3505   | 11/16/2021 | 12         | 9        | 45.65      | Yes           | 19.56          | -26.09        |
| 3506   | 11/16/2021 | 12         | 10       | 41.52      | Yes           | 19.56          | -21.96        |
| 3507   | 11/16/2021 | 12         | 11       | 41.78      | Yes           | 19.56          | -22.22        |
| 3508   | 11/16/2021 | 12         | 12       | 41.71      | Yes           | 19.56          | -22.15        |
| 3509   | 11/16/2021 | 13         | 1        | 43.05      | Yes           | 19.56          | -23.49        |
| 3510   | 11/16/2021 | 13         | 2        | 42.61      | Yes           | 19.56          | -23.05        |
| 3511   | 11/16/2021 | 13         | 3        | 43.45      | Yes           | 19.56          | -23.89        |
| 3512   | 11/16/2021 | 13         | 4        | 38.52      | Yes           | 19.56          | -18.96        |
| 3513   | 11/16/2021 | 13         | 5        | 41.38      | Yes           | 19.56          | -21.82        |
| 3514   | 11/16/2021 | 13         | 6        | 30.08      | Yes           | 19.56          | -10.52        |
| 3515   | 11/16/2021 | 13         | 7        | 27.18      | Yes           | 19.56          | -7.62         |
| 3516   | 11/16/2021 | 13         | 8        | 27.74      | Yes           | 19.56          | -8.18         |
| 3517   | 11/16/2021 | 13         | 9        | 30.27      | Yes           | 19.56          | -10.71        |
| 3518   | 11/16/2021 | 13         | 10       | 31.02      | Yes           | 19.56          | -11.46        |
| 3519   | 11/16/2021 | 13         | 11       | 30.09      | Yes           | 19.56          | -10.53        |
| 3520   | 11/16/2021 | 13         | 12       | 31.32      | Yes           | 19.56          | -11.76        |
| 3521   | 11/16/2021 | 14         | 1        | 27.51      | Yes           | 19.56          | -7.95         |
| 3522   | 11/16/2021 | 14         | 2        | 20.23      | Yes           | 19.56          | -0.67         |
| 3523   | 11/16/2021 | 14         | 3        | 27.43      | Yes           | 19.56          | -7.87         |
| 3524   | 11/16/2021 | 14         | 4        | 30.70      | Yes           | 19.56          | -11.14        |
| 3525   | 11/16/2021 | 14         | 5        | 22.46      | Yes           | 19.56          | -2.90         |
| 3526   | 11/16/2021 | 14         | 6        | 22.46      | Yes           | 19.56          | -2.90         |
| 3527   | 11/16/2021 | 14         | 7        | 22.38      | Yes           | 19.56          | -2.82         |
| 3528   | 11/16/2021 | 14         | 8        | 20.04      | Yes           | 19.56          | -0.48         |
| 3529   | 11/16/2021 | 14         | 9        | 20.08      | Yes           | 19.56          | -0.52         |
| 3530   | 11/16/2021 | 14         | 10       | 19.26      | Yes           | 19.56          | 0.30          |

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| 3531   | 11/16/2021 | 14         | 11       | 14.88      | Yes           | 19.56          | 4.68          |
| 3532   | 11/16/2021 | 14         | 12       | 0.01       | Yes           | 19.56          | 19.55         |
| 3533   | 11/16/2021 | 15         | 1        | 0.01       | Yes           | 19.56          | 19.55         |
| 3534   | 11/16/2021 | 15         | 2        | 0.01       | Yes           | 19.56          | 19.55         |
| 3535   | 11/16/2021 | 15         | 3        | 21.58      | Yes           | 19.56          | -2.02         |
| 3536   | 11/16/2021 | 15         | 4        | 21.62      | Yes           | 19.56          | -2.06         |
| 3537   | 11/16/2021 | 15         | 5        | 19.62      | Yes           | 19.56          | -0.06         |
| 3538   | 11/16/2021 | 15         | 6        | 27.42      | Yes           | 19.56          | -7.86         |
| 3539   | 11/16/2021 | 15         | 7        | 19.10      | Yes           | 19.56          | 0.46          |
| 3540   | 11/16/2021 | 15         | 8        | 25.37      | Yes           | 19.56          | -5.81         |
| 3541   | 11/16/2021 | 15         | 9        | 26.01      | Yes           | 19.56          | -6.45         |
| 3542   | 11/16/2021 | 15         | 10       | 26.82      | Yes           | 19.56          | -7.26         |
| 3543   | 11/16/2021 | 15         | 11       | 27.38      | Yes           | 19.56          | -7.82         |
| 3544   | 11/16/2021 | 15         | 12       | 26.82      | Yes           | 19.56          | -7.26         |
| 3545   | 11/16/2021 | 16         | 1        | 14.22      | Yes           | 19.56          | 5.34          |
| 3546   | 11/16/2021 | 16         | 2        | 12.85      | Yes           | 19.56          | 6.71          |
| 3547   | 11/16/2021 | 16         | 3        | 25.20      | Yes           | 19.56          | -5.64         |
| 3548   | 11/16/2021 | 16         | 4        | 31.65      | Yes           | 19.56          | -12.09        |
| 3549   | 11/16/2021 | 16         | 5        | 38.00      | Yes           | 19.56          | -18.44        |
| 3550   | 11/16/2021 | 16         | 6        | 42.27      | Yes           | 19.56          | -22.71        |
| 3551   | 11/16/2021 | 16         | 7        | 46.86      | Yes           | 19.56          | -27.30        |
| 3552   | 11/16/2021 | 16         | 8        | 49.59      | Yes           | 19.56          | -30.03        |
| 3553   | 11/16/2021 | 16         | 9        | 51.32      | Yes           | 19.56          | -31.76        |
| 3554   | 11/16/2021 | 16         | 10       | 57.75      | Yes           | 19.56          | -38.19        |
| 3555   | 11/16/2021 | 16         | 11       | 63.45      | Yes           | 19.56          | -43.89        |
| 3556   | 11/16/2021 | 16         | 12       | 63.96      | Yes           | 19.56          | -44.40        |
| 3557   | 11/16/2021 | 17         | 1        | 41.58      | Yes           | 19.56          | -22.02        |
| 3558   | 11/16/2021 | 17         | 2        | 42.33      | Yes           | 19.56          | -22.77        |
| 3559   | 11/16/2021 | 17         | 3        | 43.56      | Yes           | 19.56          | -24.00        |
| 3560   | 11/16/2021 | 17         | 4        | 45.55      | Yes           | 19.56          | -25.99        |
| 3561   | 11/16/2021 | 17         | 5        | 45.56      | Yes           | 19.56          | -26.00        |
| 3562   | 11/16/2021 | 17         | 6        | 46.24      | Yes           | 19.56          | -26.68        |
| 3563   | 11/16/2021 | 17         | 7        | 48.22      | Yes           | 19.56          | -28.66        |
| 3564   | 11/16/2021 | 17         | 8        | 48.96      | Yes           | 19.56          | -29.40        |
| 3565   | 11/16/2021 | 17         | 9        | 50.16      | Yes           | 19.56          | -30.60        |
| 3566   | 11/16/2021 | 17         | 10       | 50.74      | Yes           | 19.56          | -31.18        |
| 3567   | 11/16/2021 | 17         | 11       | 51.48      | Yes           | 19.56          | -31.92        |
| 3568   | 11/16/2021 | 17         | 12       | 51.37      | Yes           | 19.56          | -31.81        |

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| 3569   | 11/16/2021 | 18         | 1        | 49.16      | Yes           | 19.56          | -29.60        |
| 3570   | 11/16/2021 | 18         | 2        | 49.17      | Yes           | 19.56          | -29.61        |
| 3571   | 11/16/2021 | 18         | 3        | 50.87      | Yes           | 19.56          | -31.31        |
| 3572   | 11/16/2021 | 18         | 4        | 50.40      | Yes           | 19.56          | -30.84        |
| 3573   | 11/16/2021 | 18         | 5        | 50.40      | Yes           | 19.56          | -30.84        |
| 3574   | 11/16/2021 | 18         | 6        | 51.29      | Yes           | 19.56          | -31.73        |
| 3575   | 11/16/2021 | 18         | 7        | 52.06      | Yes           | 19.56          | -32.50        |
| 3576   | 11/16/2021 | 18         | 8        | 53.70      | Yes           | 19.56          | -34.14        |
| 3577   | 11/16/2021 | 18         | 9        | 53.75      | Yes           | 19.56          | -34.19        |
| 3578   | 11/16/2021 | 18         | 10       | 51.63      | Yes           | 19.56          | -32.07        |
| 3579   | 11/16/2021 | 18         | 11       | 52.46      | Yes           | 19.56          | -32.90        |
| 3580   | 11/16/2021 | 18         | 12       | 53.19      | Yes           | 19.56          | -33.63        |
| 3581   | 11/16/2021 | 19         | 1        | 55.59      | Yes           | 19.56          | -36.03        |
| 3582   | 11/16/2021 | 19         | 2        | 55.59      | Yes           | 19.56          | -36.03        |
| 3583   | 11/16/2021 | 19         | 3        | 55.80      | Yes           | 19.56          | -36.24        |
| 3584   | 11/16/2021 | 19         | 4        | 55.01      | Yes           | 19.56          | -35.45        |
| 3585   | 11/16/2021 | 19         | 5        | 54.74      | Yes           | 19.56          | -35.18        |
| 3586   | 11/16/2021 | 19         | 6        | 53.09      | Yes           | 19.56          | -33.53        |
| 3587   | 11/16/2021 | 19         | 7        | 52.45      | Yes           | 19.56          | -32.89        |
| 3588   | 11/16/2021 | 19         | 8        | 53.34      | Yes           | 19.56          | -33.78        |
| 3589   | 11/16/2021 | 19         | 9        | 53.34      | Yes           | 19.56          | -33.78        |
| 3590   | 11/16/2021 | 19         | 10       | 52.82      | Yes           | 19.56          | -33.26        |
| 3591   | 11/16/2021 | 19         | 11       | 52.82      | Yes           | 19.56          | -33.26        |
| 3592   | 11/16/2021 | 19         | 12       | 52.01      | Yes           | 19.56          | -32.45        |
| 3593   | 11/16/2021 | 20         | 1        | 52.61      | Yes           | 19.56          | -33.05        |
| 3594   | 11/16/2021 | 20         | 2        | 52.33      | Yes           | 19.56          | -32.77        |
| 3595   | 11/16/2021 | 20         | 3        | 52.02      | Yes           | 19.56          | -32.46        |
| 3596   | 11/16/2021 | 20         | 4        | 50.98      | Yes           | 19.56          | -31.42        |
| 3597   | 11/16/2021 | 20         | 5        | 51.60      | Yes           | 19.56          | -32.04        |
| 3598   | 11/16/2021 | 20         | 6        | 51.44      | Yes           | 19.56          | -31.88        |
| 3599   | 11/16/2021 | 20         | 7        | 51.54      | Yes           | 19.56          | -31.98        |
| 3600   | 11/16/2021 | 20         | 8        | 52.56      | Yes           | 19.56          | -33.00        |
| 3601   | 11/16/2021 | 20         | 9        | 52.62      | Yes           | 19.56          | -33.06        |
| 3602   | 11/16/2021 | 20         | 10       | 53.28      | Yes           | 19.56          | -33.72        |
| 3603   | 11/16/2021 | 20         | 11       | 53.53      | Yes           | 19.56          | -33.97        |
| 3604   | 11/16/2021 | 20         | 12       | 55.15      | Yes           | 19.56          | -35.59        |
| 3605   | 11/16/2021 | 21         | 1        | 60.60      | Yes           | 19.56          | -41.04        |
| 3606   | 11/16/2021 | 21         | 2        | 58.15      | Yes           | 19.56          | -38.59        |

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| 3607   | 11/16/2021 | 21         | 3        | 57.60      | Yes           | 19.56          | -38.04        |
| 3608   | 11/16/2021 | 21         | 4        | 57.31      | Yes           | 19.56          | -37.75        |
| 3609   | 11/16/2021 | 21         | 5        | 58.05      | Yes           | 19.56          | -38.49        |
| 3610   | 11/16/2021 | 21         | 6        | 57.54      | Yes           | 19.56          | -37.98        |
| 3611   | 11/16/2021 | 21         | 7        | 57.61      | Yes           | 19.56          | -38.05        |
| 3612   | 11/16/2021 | 21         | 8        | 57.45      | Yes           | 19.56          | -37.89        |
| 3613   | 11/16/2021 | 21         | 9        | 55.67      | Yes           | 19.56          | -36.11        |
| 3614   | 11/16/2021 | 21         | 10       | 53.73      | Yes           | 19.56          | -34.17        |
| 3615   | 11/16/2021 | 21         | 11       | 56.53      | Yes           | 19.56          | -36.97        |
| 3616   | 11/16/2021 | 21         | 12       | 56.53      | Yes           | 19.56          | -36.97        |
| 3617   | 11/16/2021 | 22         | 1        | 65.00      | Yes           | 19.56          | -45.44        |
| 3618   | 11/16/2021 | 22         | 2        | 65.02      | Yes           | 19.56          | -45.46        |
| 3619   | 11/16/2021 | 22         | 3        | 66.85      | Yes           | 19.56          | -47.29        |
| 3620   | 11/16/2021 | 22         | 4        | 66.68      | Yes           | 19.56          | -47.12        |
| 3621   | 11/16/2021 | 22         | 5        | 65.37      | Yes           | 19.56          | -45.81        |
| 3622   | 11/16/2021 | 22         | 6        | 63.62      | Yes           | 19.56          | -44.06        |
| 3623   | 11/16/2021 | 22         | 7        | 59.79      | Yes           | 19.56          | -40.23        |
| 3624   | 11/16/2021 | 22         | 8        | 57.00      | Yes           | 19.56          | -37.44        |
| 3625   | 11/16/2021 | 22         | 9        | 54.84      | Yes           | 19.56          | -35.28        |
| 3626   | 11/16/2021 | 22         | 10       | 53.87      | Yes           | 19.56          | -34.31        |
| 3627   | 11/16/2021 | 22         | 11       | 50.57      | Yes           | 19.56          | -31.01        |
| 3628   | 11/16/2021 | 22         | 12       | 52.23      | Yes           | 19.56          | -32.67        |
| 3629   | 11/16/2021 | 23         | 1        | 57.88      | Yes           | 19.56          | -38.32        |
| 3630   | 11/16/2021 | 23         | 2        | 63.87      | Yes           | 19.56          | -44.31        |
| 3631   | 11/16/2021 | 23         | 3        | 57.82      | Yes           | 19.56          | -38.26        |
| 3632   | 11/16/2021 | 23         | 4        | 57.39      | Yes           | 19.56          | -37.83        |
| 3633   | 11/16/2021 | 23         | 5        | 57.20      | Yes           | 19.56          | -37.64        |
| 3634   | 11/16/2021 | 23         | 6        | 56.04      | Yes           | 19.56          | -36.48        |
| 3635   | 11/16/2021 | 23         | 7        | 53.39      | Yes           | 19.56          | -33.83        |
| 3636   | 11/16/2021 | 23         | 8        | 51.03      | Yes           | 19.56          | -31.47        |
| 3637   | 11/16/2021 | 23         | 9        | 49.87      | Yes           | 19.56          | -30.31        |
| 3638   | 11/16/2021 | 23         | 10       | 50.12      | Yes           | 19.56          | -30.56        |
| 3639   | 11/16/2021 | 23         | 11       | 49.10      | Yes           | 19.56          | -29.54        |
| 3640   | 11/16/2021 | 23         | 12       | 48.62      | Yes           | 19.56          | -29.06        |
| 3641   | 11/16/2021 | 24         | 1        | 66.22      | Yes           | 19.56          | -46.66        |
| 3642   | 11/16/2021 | 24         | 2        | 64.10      | Yes           | 19.56          | -44.54        |
| 3643   | 11/16/2021 | 24         | 3        | 58.38      | Yes           | 19.56          | -38.82        |
| 3644   | 11/16/2021 | 24         | 4        | 57.13      | Yes           | 19.56          | -37.57        |

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| 3645   | 11/16/2021 | 24         | 5        | 56.29      | Yes           | 19.56          | -36.73        |
| 3646   | 11/16/2021 | 24         | 6        | 54.03      | Yes           | 19.56          | -34.47        |
| 3647   | 11/16/2021 | 24         | 7        | 55.92      | Yes           | 19.56          | -36.36        |
| 3648   | 11/16/2021 | 24         | 8        | 54.21      | Yes           | 19.56          | -34.65        |
| 3649   | 11/16/2021 | 24         | 9        | 55.08      | Yes           | 19.56          | -35.52        |
| 3650   | 11/16/2021 | 24         | 10       | 55.90      | Yes           | 19.56          | -36.34        |
| 3651   | 11/16/2021 | 24         | 11       | 55.90      | Yes           | 19.56          | -36.34        |
| 3652   | 11/16/2021 | 24         | 12       | 55.90      | Yes           | 19.56          | -36.34        |
| 3653   | 11/17/2021 | 1          | 1        | 51.22      | Yes           | 19.74          | -31.48        |
| 3654   | 11/17/2021 | 1          | 2        | 54.93      | Yes           | 19.74          | -35.19        |
| 3655   | 11/17/2021 | 1          | 3        | 56.48      | Yes           | 19.74          | -36.74        |
| 3656   | 11/17/2021 | 1          | 4        | 51.25      | Yes           | 19.74          | -31.51        |
| 3657   | 11/17/2021 | 1          | 5        | 58.11      | Yes           | 19.74          | -38.37        |
| 3658   | 11/17/2021 | 1          | 6        | 52.01      | Yes           | 19.74          | -32.27        |
| 3659   | 11/17/2021 | 1          | 7        | 46.87      | Yes           | 19.74          | -27.13        |
| 3660   | 11/17/2021 | 1          | 8        | 46.87      | Yes           | 19.74          | -27.13        |
| 3661   | 11/17/2021 | 1          | 9        | 46.76      | Yes           | 19.74          | -27.02        |
| 3662   | 11/17/2021 | 1          | 10       | 62.97      | Yes           | 19.74          | -43.23        |
| 3663   | 11/17/2021 | 1          | 11       | 62.97      | Yes           | 19.74          | -43.23        |
| 3664   | 11/17/2021 | 1          | 12       | 62.97      | Yes           | 19.74          | -43.23        |
| 3665   | 11/17/2021 | 2          | 1        | 43.97      | Yes           | 19.74          | -24.23        |
| 3666   | 11/17/2021 | 2          | 2        | 45.34      | Yes           | 19.74          | -25.60        |
| 3667   | 11/17/2021 | 2          | 3        | 46.90      | Yes           | 19.74          | -27.16        |
| 3668   | 11/17/2021 | 2          | 4        | 48.49      | Yes           | 19.74          | -28.75        |
| 3669   | 11/17/2021 | 2          | 5        | 49.26      | Yes           | 19.74          | -29.52        |
| 3670   | 11/17/2021 | 2          | 6        | 47.06      | Yes           | 19.74          | -27.32        |
| 3671   | 11/17/2021 | 2          | 7        | 46.23      | Yes           | 19.74          | -26.49        |
| 3672   | 11/17/2021 | 2          | 8        | 46.75      | Yes           | 19.74          | -27.01        |
| 3673   | 11/17/2021 | 2          | 9        | 46.61      | Yes           | 19.74          | -26.87        |
| 3674   | 11/17/2021 | 2          | 10       | 46.13      | Yes           | 19.74          | -26.39        |
| 3675   | 11/17/2021 | 2          | 11       | 45.38      | Yes           | 19.74          | -25.64        |
| 3676   | 11/17/2021 | 2          | 12       | 45.35      | Yes           | 19.74          | -25.61        |
| 3677   | 11/17/2021 | 3          | 1        | 47.11      | Yes           | 19.74          | -27.37        |
| 3678   | 11/17/2021 | 3          | 2        | 47.56      | Yes           | 19.74          | -27.82        |
| 3679   | 11/17/2021 | 3          | 3        | 47.19      | Yes           | 19.74          | -27.45        |
| 3680   | 11/17/2021 | 3          | 4        | 47.30      | Yes           | 19.74          | -27.56        |
| 3681   | 11/17/2021 | 3          | 5        | 47.30      | Yes           | 19.74          | -27.56        |
| 3682   | 11/17/2021 | 3          | 6        | 47.30      | Yes           | 19.74          | -27.56        |

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| 3683   | 11/17/2021 | 3          | 7        | 47.48      | Yes           | 19.74          | -27.74        |
| 3684   | 11/17/2021 | 3          | 8        | 47.48      | Yes           | 19.74          | -27.74        |
| 3685   | 11/17/2021 | 3          | 9        | 47.48      | Yes           | 19.74          | -27.74        |
| 3686   | 11/17/2021 | 3          | 10       | 47.49      | Yes           | 19.74          | -27.75        |
| 3687   | 11/17/2021 | 3          | 11       | 47.49      | Yes           | 19.74          | -27.75        |
| 3688   | 11/17/2021 | 3          | 12       | 47.49      | Yes           | 19.74          | -27.75        |
| 3689   | 11/17/2021 | 4          | 1        | 47.10      | Yes           | 19.74          | -27.36        |
| 3690   | 11/17/2021 | 4          | 2        | 47.35      | Yes           | 19.74          | -27.61        |
| 3691   | 11/17/2021 | 4          | 3        | 47.39      | Yes           | 19.74          | -27.65        |
| 3692   | 11/17/2021 | 4          | 4        | 46.72      | Yes           | 19.74          | -26.98        |
| 3693   | 11/17/2021 | 4          | 5        | 47.53      | Yes           | 19.74          | -27.79        |
| 3694   | 11/17/2021 | 4          | 6        | 47.34      | Yes           | 19.74          | -27.60        |
| 3695   | 11/17/2021 | 4          | 7        | 52.02      | Yes           | 19.74          | -32.28        |
| 3696   | 11/17/2021 | 4          | 8        | 52.07      | Yes           | 19.74          | -32.33        |
| 3697   | 11/17/2021 | 4          | 9        | 52.37      | Yes           | 19.74          | -32.63        |
| 3698   | 11/17/2021 | 4          | 10       | 52.56      | Yes           | 19.74          | -32.82        |
| 3699   | 11/17/2021 | 4          | 11       | 52.37      | Yes           | 19.74          | -32.63        |
| 3700   | 11/17/2021 | 4          | 12       | 54.22      | Yes           | 19.74          | -34.48        |
| 3701   | 11/17/2021 | 5          | 1        | 54.72      | Yes           | 19.74          | -34.98        |
| 3702   | 11/17/2021 | 5          | 2        | 54.97      | Yes           | 19.74          | -35.23        |
| 3703   | 11/17/2021 | 5          | 3        | 57.20      | Yes           | 19.74          | -37.46        |
| 3704   | 11/17/2021 | 5          | 4        | 54.72      | Yes           | 19.74          | -34.98        |
| 3705   | 11/17/2021 | 5          | 5        | 57.41      | Yes           | 19.74          | -37.67        |
| 3706   | 11/17/2021 | 5          | 6        | 57.41      | Yes           | 19.74          | -37.67        |
| 3707   | 11/17/2021 | 5          | 7        | 59.23      | Yes           | 19.74          | -39.49        |
| 3708   | 11/17/2021 | 5          | 8        | 60.41      | Yes           | 19.74          | -40.67        |
| 3709   | 11/17/2021 | 5          | 9        | 60.64      | Yes           | 19.74          | -40.90        |
| 3710   | 11/17/2021 | 5          | 10       | 62.37      | Yes           | 19.74          | -42.63        |
| 3711   | 11/17/2021 | 5          | 11       | 63.49      | Yes           | 19.74          | -43.75        |
| 3712   | 11/17/2021 | 5          | 12       | 60.13      | Yes           | 19.74          | -40.39        |
| 3713   | 11/17/2021 | 6          | 1        | 58.09      | Yes           | 19.74          | -38.35        |
| 3714   | 11/17/2021 | 6          | 2        | 54.97      | Yes           | 19.74          | -35.23        |
| 3715   | 11/17/2021 | 6          | 3        | 54.72      | Yes           | 19.74          | -34.98        |
| 3716   | 11/17/2021 | 6          | 4        | 54.21      | Yes           | 19.74          | -34.47        |
| 3717   | 11/17/2021 | 6          | 5        | 54.97      | Yes           | 19.74          | -35.23        |
| 3718   | 11/17/2021 | 6          | 6        | 54.72      | Yes           | 19.74          | -34.98        |
| 3719   | 11/17/2021 | 6          | 7        | 55.85      | Yes           | 19.74          | -36.11        |
| 3720   | 11/17/2021 | 6          | 8        | 64.57      | Yes           | 19.74          | -44.83        |

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| 3721   | 11/17/2021 | 6          | 9        | 64.57      | Yes           | 19.74          | -44.83        |
| 3722   | 11/17/2021 | 6          | 10       | 66.28      | Yes           | 19.74          | -46.54        |
| 3723   | 11/17/2021 | 6          | 11       | 68.42      | Yes           | 19.74          | -48.68        |
| 3724   | 11/17/2021 | 6          | 12       | 69.52      | Yes           | 19.74          | -49.78        |
| 3725   | 11/17/2021 | 7          | 1        | 54.97      | Yes           | 19.74          | -35.23        |
| 3726   | 11/17/2021 | 7          | 2        | 58.75      | Yes           | 19.74          | -39.01        |
| 3727   | 11/17/2021 | 7          | 3        | 62.97      | Yes           | 19.74          | -43.23        |
| 3728   | 11/17/2021 | 7          | 4        | 64.57      | Yes           | 19.74          | -44.83        |
| 3729   | 11/17/2021 | 7          | 5        | 66.12      | Yes           | 19.74          | -46.38        |
| 3730   | 11/17/2021 | 7          | 6        | 65.89      | Yes           | 19.74          | -46.15        |
| 3731   | 11/17/2021 | 7          | 7        | 68.85      | Yes           | 19.74          | -49.11        |
| 3732   | 11/17/2021 | 7          | 8        | 75.52      | Yes           | 19.74          | -55.78        |
| 3733   | 11/17/2021 | 7          | 9        | 73.37      | Yes           | 19.74          | -53.63        |
| 3734   | 11/17/2021 | 7          | 10       | 71.77      | Yes           | 19.74          | -52.03        |
| 3735   | 11/17/2021 | 7          | 11       | 71.77      | Yes           | 19.74          | -52.03        |
| 3736   | 11/17/2021 | 7          | 12       | 70.40      | Yes           | 19.74          | -50.66        |
| 3737   | 11/17/2021 | 8          | 1        | 82.78      | Yes           | 19.74          | -63.04        |
| 3738   | 11/17/2021 | 8          | 2        | 85.37      | Yes           | 19.74          | -65.63        |
| 3739   | 11/17/2021 | 8          | 5        | 68.35      | Yes           | 19.74          | -48.61        |
| 3740   | 11/17/2021 | 8          | 6        | 57.72      | Yes           | 19.74          | -37.98        |
| 3741   | 11/17/2021 | 8          | 7        | 55.98      | Yes           | 19.74          | -36.24        |
| 3742   | 11/17/2021 | 8          | 8        | 54.09      | Yes           | 19.74          | -34.35        |
| 3743   | 11/17/2021 | 8          | 9        | 51.85      | Yes           | 19.74          | -32.11        |
| 3744   | 11/17/2021 | 8          | 10       | 50.42      | Yes           | 19.74          | -30.68        |
| 3745   | 11/17/2021 | 8          | 11       | 51.24      | Yes           | 19.74          | -31.50        |
| 3746   | 11/17/2021 | 8          | 12       | 51.32      | Yes           | 19.74          | -31.58        |
| 3747   | 11/17/2021 | 9          | 1        | 55.00      | Yes           | 19.74          | -35.26        |
| 3748   | 11/17/2021 | 9          | 2        | 57.24      | Yes           | 19.74          | -37.50        |
| 3749   | 11/17/2021 | 9          | 3        | 57.47      | Yes           | 19.74          | -37.73        |
| 3750   | 11/17/2021 | 9          | 4        | 57.30      | Yes           | 19.74          | -37.56        |
| 3751   | 11/17/2021 | 9          | 5        | 55.63      | Yes           | 19.74          | -35.89        |
| 3752   | 11/17/2021 | 9          | 6        | 52.15      | Yes           | 19.74          | -32.41        |
| 3753   | 11/17/2021 | 9          | 7        | 57.07      | Yes           | 19.74          | -37.33        |
| 3754   | 11/17/2021 | 9          | 8        | 52.62      | Yes           | 19.74          | -32.88        |
| 3755   | 11/17/2021 | 9          | 9        | 50.97      | Yes           | 19.74          | -31.23        |
| 3756   | 11/17/2021 | 9          | 10       | 48.37      | Yes           | 19.74          | -28.63        |
| 3757   | 11/17/2021 | 9          | 11       | 47.96      | Yes           | 19.74          | -28.22        |
| 3758   | 11/17/2021 | 9          | 12       | 50.85      | Yes           | 19.74          | -31.11        |



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| 3759   | 11/17/2021 | 10         | 1        | 51.20      | Yes           | 19.74          | -31.46        |
| 3760   | 11/17/2021 | 10         | 2        | 51.61      | Yes           | 19.74          | -31.87        |
| 3761   | 11/17/2021 | 10         | 3        | 51.69      | Yes           | 19.74          | -31.95        |
| 3762   | 11/17/2021 | 10         | 4        | 51.78      | Yes           | 19.74          | -32.04        |
| 3763   | 11/17/2021 | 10         | 5        | 52.58      | Yes           | 19.74          | -32.84        |
| 3764   | 11/17/2021 | 10         | 6        | 52.42      | Yes           | 19.74          | -32.68        |
| 3765   | 11/17/2021 | 10         | 7        | 52.41      | Yes           | 19.74          | -32.67        |
| 3766   | 11/17/2021 | 10         | 8        | 55.17      | Yes           | 19.74          | -35.43        |
| 3767   | 11/17/2021 | 10         | 9        | 54.84      | Yes           | 19.74          | -35.10        |
| 3768   | 11/17/2021 | 10         | 10       | 50.73      | Yes           | 19.74          | -30.99        |
| 3769   | 11/17/2021 | 10         | 11       | 50.86      | Yes           | 19.74          | -31.12        |
| 3770   | 11/17/2021 | 10         | 12       | 49.27      | Yes           | 19.74          | -29.53        |
| 3771   | 11/17/2021 | 11         | 1        | 50.23      | Yes           | 19.74          | -30.49        |
| 3772   | 11/17/2021 | 11         | 2        | 49.55      | Yes           | 19.74          | -29.81        |
| 3773   | 11/17/2021 | 11         | 3        | 52.19      | Yes           | 19.74          | -32.45        |
| 3774   | 11/17/2021 | 11         | 4        | 49.61      | Yes           | 19.74          | -29.87        |
| 3775   | 11/17/2021 | 11         | 5        | 49.55      | Yes           | 19.74          | -29.81        |
| 3776   | 11/17/2021 | 11         | 6        | 49.85      | Yes           | 19.74          | -30.11        |
| 3777   | 11/17/2021 | 11         | 7        | 49.23      | Yes           | 19.74          | -29.49        |
| 3778   | 11/17/2021 | 11         | 8        | 48.67      | Yes           | 19.74          | -28.93        |
| 3779   | 11/17/2021 | 11         | 9        | 49.27      | Yes           | 19.74          | -29.53        |
| 3780   | 11/17/2021 | 11         | 10       | 50.48      | Yes           | 19.74          | -30.74        |
| 3781   | 11/17/2021 | 11         | 11       | 49.61      | Yes           | 19.74          | -29.87        |
| 3782   | 11/17/2021 | 11         | 12       | 47.55      | Yes           | 19.74          | -27.81        |
| 3783   | 11/17/2021 | 12         | 1        | 49.30      | Yes           | 19.74          | -29.56        |
| 3784   | 11/17/2021 | 12         | 2        | 46.64      | Yes           | 19.74          | -26.90        |
| 3785   | 11/17/2021 | 12         | 3        | 48.62      | Yes           | 19.74          | -28.88        |
| 3786   | 11/17/2021 | 12         | 4        | 44.90      | Yes           | 19.74          | -25.16        |
| 3787   | 11/17/2021 | 12         | 5        | 44.90      | Yes           | 19.74          | -25.16        |
| 3788   | 11/17/2021 | 12         | 6        | 41.74      | Yes           | 19.74          | -22.00        |
| 3789   | 11/17/2021 | 12         | 7        | 42.94      | Yes           | 19.74          | -23.20        |
| 3790   | 11/17/2021 | 12         | 8        | 43.14      | Yes           | 19.74          | -23.40        |
| 3791   | 11/17/2021 | 12         | 9        | 34.88      | Yes           | 19.74          | -15.14        |
| 3792   | 11/17/2021 | 12         | 10       | 41.40      | Yes           | 19.74          | -21.66        |
| 3793   | 11/17/2021 | 12         | 11       | 35.42      | Yes           | 19.74          | -15.68        |
| 3794   | 11/17/2021 | 12         | 12       | 32.82      | Yes           | 19.74          | -13.08        |
| 3795   | 11/17/2021 | 13         | 1        | 31.13      | Yes           | 19.74          | -11.39        |
| 3796   | 11/17/2021 | 13         | 2        | 26.72      | Yes           | 19.74          | -6.98         |

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| 3797   | 11/17/2021 | 13         | 3        | 26.72      | Yes           | 19.74          | -6.98         |
| 3798   | 11/17/2021 | 13         | 4        | 22.61      | Yes           | 19.74          | -2.87         |
| 3799   | 11/17/2021 | 13         | 5        | 36.84      | Yes           | 19.74          | -17.10        |
| 3800   | 11/17/2021 | 13         | 6        | 31.08      | Yes           | 19.74          | -11.34        |
| 3801   | 11/17/2021 | 13         | 7        | 23.11      | Yes           | 19.74          | -3.37         |
| 3802   | 11/17/2021 | 13         | 8        | 19.35      | Yes           | 19.74          | 0.39          |
| 3803   | 11/17/2021 | 13         | 9        | 21.19      | Yes           | 19.74          | -1.45         |
| 3804   | 11/17/2021 | 13         | 10       | 29.07      | Yes           | 19.74          | -9.33         |
| 3805   | 11/17/2021 | 13         | 11       | 28.64      | Yes           | 19.74          | -8.90         |
| 3806   | 11/17/2021 | 13         | 12       | 25.42      | Yes           | 19.74          | -5.68         |
| 3807   | 11/17/2021 | 14         | 1        | -0.01      | Yes           | 19.74          | 19.75         |
| 3808   | 11/17/2021 | 14         | 2        | -0.01      | Yes           | 19.74          | 19.75         |
| 3809   | 11/17/2021 | 14         | 3        | -0.01      | Yes           | 19.74          | 19.75         |
| 3810   | 11/17/2021 | 14         | 4        | -0.01      | Yes           | 19.74          | 19.75         |
| 3811   | 11/17/2021 | 14         | 5        | -0.01      | Yes           | 19.74          | 19.75         |
| 3812   | 11/17/2021 | 14         | 6        | 0.00       | Yes           | 19.74          | 19.74         |
| 3813   | 11/17/2021 | 14         | 7        | -0.01      | Yes           | 19.74          | 19.75         |
| 3814   | 11/17/2021 | 14         | 8        | -0.01      | Yes           | 19.74          | 19.75         |
| 3815   | 11/17/2021 | 14         | 9        | 0.01       | Yes           | 19.74          | 19.73         |
| 3816   | 11/17/2021 | 14         | 10       | 13.91      | Yes           | 19.74          | 5.83          |
| 3817   | 11/17/2021 | 14         | 11       | 19.74      | Yes           | 19.74          | 0.00          |
| 3818   | 11/17/2021 | 14         | 12       | 12.73      | Yes           | 19.74          | 7.01          |
| 3819   | 11/17/2021 | 15         | 1        | 5.57       | Yes           | 19.74          | 14.17         |
| 3820   | 11/17/2021 | 15         | 2        | 10.18      | Yes           | 19.74          | 9.56          |
| 3821   | 11/17/2021 | 15         | 3        | 8.78       | Yes           | 19.74          | 10.96         |
| 3822   | 11/17/2021 | 15         | 4        | 12.96      | Yes           | 19.74          | 6.78          |
| 3823   | 11/17/2021 | 15         | 5        | 20.66      | Yes           | 19.74          | -0.92         |
| 3824   | 11/17/2021 | 15         | 6        | 20.66      | Yes           | 19.74          | -0.92         |
| 3825   | 11/17/2021 | 15         | 7        | 20.68      | Yes           | 19.74          | -0.94         |
| 3826   | 11/17/2021 | 15         | 8        | 30.32      | Yes           | 19.74          | -10.58        |
| 3827   | 11/17/2021 | 15         | 9        | 43.56      | Yes           | 19.74          | -23.82        |
| 3828   | 11/17/2021 | 15         | 10       | 42.91      | Yes           | 19.74          | -23.17        |
| 3829   | 11/17/2021 | 15         | 11       | 43.58      | Yes           | 19.74          | -23.84        |
| 3830   | 11/17/2021 | 15         | 12       | 44.54      | Yes           | 19.74          | -24.80        |
| 3831   | 11/17/2021 | 16         | 1        | 30.12      | Yes           | 19.74          | -10.38        |
| 3832   | 11/17/2021 | 16         | 2        | 34.40      | Yes           | 19.74          | -14.66        |
| 3833   | 11/17/2021 | 16         | 3        | 39.34      | Yes           | 19.74          | -19.60        |
| 3834   | 11/17/2021 | 16         | 4        | 43.15      | Yes           | 19.74          | -23.41        |

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| 3835   | 11/17/2021 | 16         | 5        | 46.65      | Yes           | 19.74          | -26.91        |
| 3836   | 11/17/2021 | 16         | 6        | 48.98      | Yes           | 19.74          | -29.24        |
| 3837   | 11/17/2021 | 16         | 7        | 50.91      | Yes           | 19.74          | -31.17        |
| 3838   | 11/17/2021 | 16         | 8        | 53.22      | Yes           | 19.74          | -33.48        |
| 3839   | 11/17/2021 | 16         | 9        | 56.80      | Yes           | 19.74          | -37.06        |
| 3840   | 11/17/2021 | 16         | 10       | 65.27      | Yes           | 19.74          | -45.53        |
| 3841   | 11/17/2021 | 16         | 11       | 69.61      | Yes           | 19.74          | -49.87        |
| 3842   | 11/17/2021 | 16         | 12       | 92.36      | Yes           | 19.74          | -72.62        |
| 3843   | 11/17/2021 | 17         | 1        | 49.99      | Yes           | 19.74          | -30.25        |
| 3844   | 11/17/2021 | 17         | 2        | 50.08      | Yes           | 19.74          | -30.34        |
| 3845   | 11/17/2021 | 17         | 3        | 49.83      | Yes           | 19.74          | -30.09        |
| 3846   | 11/17/2021 | 17         | 4        | 50.66      | Yes           | 19.74          | -30.92        |
| 3847   | 11/17/2021 | 17         | 5        | 52.65      | Yes           | 19.74          | -32.91        |
| 3848   | 11/17/2021 | 17         | 6        | 53.03      | Yes           | 19.74          | -33.29        |
| 3849   | 11/17/2021 | 17         | 7        | 58.24      | Yes           | 19.74          | -38.50        |
| 3850   | 11/17/2021 | 17         | 8        | 60.41      | Yes           | 19.74          | -40.67        |
| 3851   | 11/17/2021 | 17         | 9        | 60.41      | Yes           | 19.74          | -40.67        |
| 3852   | 11/17/2021 | 17         | 10       | 67.16      | Yes           | 19.74          | -47.42        |
| 3853   | 11/17/2021 | 17         | 11       | 69.01      | Yes           | 19.74          | -49.27        |
| 3854   | 11/17/2021 | 17         | 12       | 64.70      | Yes           | 19.74          | -44.96        |
| 3855   | 11/17/2021 | 18         | 1        | 57.99      | Yes           | 19.74          | -38.25        |
| 3856   | 11/17/2021 | 18         | 2        | 57.28      | Yes           | 19.74          | -37.54        |
| 3857   | 11/17/2021 | 18         | 3        | 57.69      | Yes           | 19.74          | -37.95        |
| 3858   | 11/17/2021 | 18         | 4        | 58.37      | Yes           | 19.74          | -38.63        |
| 3859   | 11/17/2021 | 18         | 5        | 58.50      | Yes           | 19.74          | -38.76        |
| 3860   | 11/17/2021 | 18         | 6        | 59.74      | Yes           | 19.74          | -40.00        |
| 3861   | 11/17/2021 | 18         | 7        | 59.71      | Yes           | 19.74          | -39.97        |
| 3862   | 11/17/2021 | 18         | 9        | 58.22      | Yes           | 19.74          | -38.48        |
| 3863   | 11/17/2021 | 18         | 10       | 58.27      | Yes           | 19.74          | -38.53        |
| 3864   | 11/17/2021 | 18         | 11       | 57.09      | Yes           | 19.74          | -37.35        |
| 3865   | 11/17/2021 | 18         | 12       | 57.14      | Yes           | 19.74          | -37.40        |
| 3866   | 11/17/2021 | 19         | 1        | 58.18      | Yes           | 19.74          | -38.44        |
| 3867   | 11/17/2021 | 19         | 2        | 58.50      | Yes           | 19.74          | -38.76        |
| 3868   | 11/17/2021 | 19         | 3        | 58.15      | Yes           | 19.74          | -38.41        |
| 3869   | 11/17/2021 | 19         | 4        | 58.26      | Yes           | 19.74          | -38.52        |
| 3870   | 11/17/2021 | 19         | 5        | 58.22      | Yes           | 19.74          | -38.48        |
| 3871   | 11/17/2021 | 19         | 6        | 58.61      | Yes           | 19.74          | -38.87        |
| 3872   | 11/17/2021 | 19         | 7        | 60.39      | Yes           | 19.74          | -40.65        |

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| 3873   | 11/17/2021 | 19         | 8        | 58.81      | Yes           | 19.74          | -39.07        |
| 3874   | 11/17/2021 | 19         | 9        | 58.38      | Yes           | 19.74          | -38.64        |
| 3875   | 11/17/2021 | 19         | 10       | 58.50      | Yes           | 19.74          | -38.76        |
| 3876   | 11/17/2021 | 19         | 11       | 58.87      | Yes           | 19.74          | -39.13        |
| 3877   | 11/17/2021 | 19         | 12       | 58.94      | Yes           | 19.74          | -39.20        |
| 3878   | 11/17/2021 | 20         | 1        | 59.45      | Yes           | 19.74          | -39.71        |
| 3879   | 11/17/2021 | 20         | 2        | 59.78      | Yes           | 19.74          | -40.04        |
| 3880   | 11/17/2021 | 20         | 3        | 58.15      | Yes           | 19.74          | -38.41        |
| 3881   | 11/17/2021 | 20         | 4        | 57.51      | Yes           | 19.74          | -37.77        |
| 3882   | 11/17/2021 | 20         | 5        | 57.45      | Yes           | 19.74          | -37.71        |
| 3883   | 11/17/2021 | 20         | 6        | 57.73      | Yes           | 19.74          | -37.99        |
| 3884   | 11/17/2021 | 20         | 7        | 60.28      | Yes           | 19.74          | -40.54        |
| 3885   | 11/17/2021 | 20         | 8        | 60.98      | Yes           | 19.74          | -41.24        |
| 3886   | 11/17/2021 | 20         | 9        | 59.52      | Yes           | 19.74          | -39.78        |
| 3887   | 11/17/2021 | 20         | 10       | 61.56      | Yes           | 19.74          | -41.82        |
| 3888   | 11/17/2021 | 20         | 11       | 61.96      | Yes           | 19.74          | -42.22        |
| 3889   | 11/17/2021 | 20         | 12       | 61.76      | Yes           | 19.74          | -42.02        |
| 3890   | 11/17/2021 | 21         | 1        | 64.79      | Yes           | 19.74          | -45.05        |
| 3891   | 11/17/2021 | 21         | 2        | 64.60      | Yes           | 19.74          | -44.86        |
| 3892   | 11/17/2021 | 21         | 3        | 61.98      | Yes           | 19.74          | -42.24        |
| 3893   | 11/17/2021 | 21         | 4        | 57.16      | Yes           | 19.74          | -37.42        |
| 3894   | 11/17/2021 | 21         | 5        | 58.03      | Yes           | 19.74          | -38.29        |
| 3895   | 11/17/2021 | 21         | 6        | 58.14      | Yes           | 19.74          | -38.40        |
| 3896   | 11/17/2021 | 21         | 7        | 59.06      | Yes           | 19.74          | -39.32        |
| 3897   | 11/17/2021 | 21         | 8        | 59.41      | Yes           | 19.74          | -39.67        |
| 3898   | 11/17/2021 | 21         | 9        | 57.31      | Yes           | 19.74          | -37.57        |
| 3899   | 11/17/2021 | 21         | 10       | 62.16      | Yes           | 19.74          | -42.42        |
| 3900   | 11/17/2021 | 21         | 11       | 62.78      | Yes           | 19.74          | -43.04        |
| 3901   | 11/17/2021 | 21         | 12       | 58.64      | Yes           | 19.74          | -38.90        |
| 3902   | 11/17/2021 | 22         | 1        | 62.52      | Yes           | 19.74          | -42.78        |
| 3903   | 11/17/2021 | 22         | 2        | 58.97      | Yes           | 19.74          | -39.23        |
| 3904   | 11/17/2021 | 22         | 3        | 55.00      | Yes           | 19.74          | -35.26        |
| 3905   | 11/17/2021 | 22         | 4        | 55.23      | Yes           | 19.74          | -35.49        |
| 3906   | 11/17/2021 | 22         | 5        | 55.57      | Yes           | 19.74          | -35.83        |
| 3907   | 11/17/2021 | 22         | 6        | 54.59      | Yes           | 19.74          | -34.85        |
| 3908   | 11/17/2021 | 22         | 7        | 53.87      | Yes           | 19.74          | -34.13        |
| 3909   | 11/17/2021 | 22         | 8        | 49.83      | Yes           | 19.74          | -30.09        |
| 3910   | 11/17/2021 | 22         | 9        | 49.08      | Yes           | 19.74          | -29.34        |

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| 3911   | 11/17/2021 | 22         | 10       | 50.89      | Yes           | 19.74          | -31.15        |
| 3912   | 11/17/2021 | 22         | 11       | 50.31      | Yes           | 19.74          | -30.57        |
| 3913   | 11/17/2021 | 22         | 12       | 50.48      | Yes           | 19.74          | -30.74        |
| 3914   | 11/17/2021 | 23         | 1        | 51.38      | Yes           | 19.74          | -31.64        |
| 3915   | 11/17/2021 | 23         | 2        | 53.08      | Yes           | 19.74          | -33.34        |
| 3916   | 11/17/2021 | 23         | 3        | 53.51      | Yes           | 19.74          | -33.77        |
| 3917   | 11/17/2021 | 23         | 4        | 52.35      | Yes           | 19.74          | -32.61        |
| 3918   | 11/17/2021 | 23         | 5        | 50.77      | Yes           | 19.74          | -31.03        |
| 3919   | 11/17/2021 | 23         | 6        | 50.20      | Yes           | 19.74          | -30.46        |
| 3920   | 11/17/2021 | 23         | 7        | 49.42      | Yes           | 19.74          | -29.68        |
| 3921   | 11/17/2021 | 23         | 8        | 48.90      | Yes           | 19.74          | -29.16        |
| 3922   | 11/17/2021 | 23         | 9        | 47.79      | Yes           | 19.74          | -28.05        |
| 3923   | 11/17/2021 | 23         | 10       | 47.28      | Yes           | 19.74          | -27.54        |
| 3924   | 11/17/2021 | 23         | 11       | 47.28      | Yes           | 19.74          | -27.54        |
| 3925   | 11/17/2021 | 23         | 12       | 46.05      | Yes           | 19.74          | -26.31        |
| 3926   | 11/17/2021 | 24         | 1        | 50.54      | Yes           | 19.74          | -30.80        |
| 3927   | 11/17/2021 | 24         | 2        | 49.94      | Yes           | 19.74          | -30.20        |
| 3928   | 11/17/2021 | 24         | 3        | 49.94      | Yes           | 19.74          | -30.20        |
| 3929   | 11/17/2021 | 24         | 4        | 49.82      | Yes           | 19.74          | -30.08        |
| 3930   | 11/17/2021 | 24         | 5        | 50.31      | Yes           | 19.74          | -30.57        |
| 3931   | 11/17/2021 | 24         | 6        | 49.62      | Yes           | 19.74          | -29.88        |
| 3932   | 11/17/2021 | 24         | 7        | 48.07      | Yes           | 19.74          | -28.33        |
| 3933   | 11/17/2021 | 24         | 8        | 47.62      | Yes           | 19.74          | -27.88        |
| 3934   | 11/17/2021 | 24         | 9        | 47.02      | Yes           | 19.74          | -27.28        |
| 3935   | 11/17/2021 | 24         | 10       | 47.44      | Yes           | 19.74          | -27.70        |
| 3936   | 11/17/2021 | 24         | 11       | 49.99      | Yes           | 19.74          | -30.25        |
| 3937   | 11/17/2021 | 24         | 12       | 45.64      | Yes           | 19.74          | -25.90        |
| 3938   | 11/18/2021 | 1          | 1        | 50.70      | Yes           | 19.52          | -31.18        |
| 3939   | 11/18/2021 | 1          | 2        | 50.53      | Yes           | 19.52          | -31.01        |
| 3940   | 11/18/2021 | 1          | 3        | 49.59      | Yes           | 19.52          | -30.07        |
| 3941   | 11/18/2021 | 1          | 4        | 50.46      | Yes           | 19.52          | -30.94        |
| 3942   | 11/18/2021 | 1          | 5        | 50.41      | Yes           | 19.52          | -30.89        |
| 3943   | 11/18/2021 | 1          | 6        | 50.88      | Yes           | 19.52          | -31.36        |
| 3944   | 11/18/2021 | 1          | 7        | 50.73      | Yes           | 19.52          | -31.21        |
| 3945   | 11/18/2021 | 1          | 8        | 50.03      | Yes           | 19.52          | -30.51        |
| 3946   | 11/18/2021 | 1          | 9        | 50.12      | Yes           | 19.52          | -30.60        |
| 3947   | 11/18/2021 | 1          | 10       | 49.12      | Yes           | 19.52          | -29.60        |
| 3948   | 11/18/2021 | 1          | 11       | 48.99      | Yes           | 19.52          | -29.47        |

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| 3949   | 11/18/2021 | 1          | 12       | 48.57      | Yes           | 19.52          | -29.05        |
| 3950   | 11/18/2021 | 2          | 1        | 49.15      | Yes           | 19.52          | -29.63        |
| 3951   | 11/18/2021 | 2          | 2        | 48.83      | Yes           | 19.52          | -29.31        |
| 3952   | 11/18/2021 | 2          | 3        | 48.83      | Yes           | 19.52          | -29.31        |
| 3953   | 11/18/2021 | 2          | 4        | 48.55      | Yes           | 19.52          | -29.03        |
| 3954   | 11/18/2021 | 2          | 5        | 48.49      | Yes           | 19.52          | -28.97        |
| 3955   | 11/18/2021 | 2          | 6        | 48.55      | Yes           | 19.52          | -29.03        |
| 3956   | 11/18/2021 | 2          | 7        | 51.71      | Yes           | 19.52          | -32.19        |
| 3957   | 11/18/2021 | 2          | 8        | 51.71      | Yes           | 19.52          | -32.19        |
| 3958   | 11/18/2021 | 2          | 9        | 51.71      | Yes           | 19.52          | -32.19        |
| 3959   | 11/18/2021 | 2          | 10       | 51.63      | Yes           | 19.52          | -32.11        |
| 3960   | 11/18/2021 | 2          | 11       | 51.63      | Yes           | 19.52          | -32.11        |
| 3961   | 11/18/2021 | 2          | 12       | 51.26      | Yes           | 19.52          | -31.74        |
| 3962   | 11/18/2021 | 3          | 1        | 51.75      | Yes           | 19.52          | -32.23        |
| 3963   | 11/18/2021 | 3          | 2        | 51.94      | Yes           | 19.52          | -32.42        |
| 3964   | 11/18/2021 | 3          | 3        | 51.69      | Yes           | 19.52          | -32.17        |
| 3965   | 11/18/2021 | 3          | 4        | 50.88      | Yes           | 19.52          | -31.36        |
| 3966   | 11/18/2021 | 3          | 5        | 50.65      | Yes           | 19.52          | -31.13        |
| 3967   | 11/18/2021 | 3          | 6        | 50.65      | Yes           | 19.52          | -31.13        |
| 3968   | 11/18/2021 | 3          | 7        | 50.66      | Yes           | 19.52          | -31.14        |
| 3969   | 11/18/2021 | 3          | 8        | 50.66      | Yes           | 19.52          | -31.14        |
| 3970   | 11/18/2021 | 3          | 9        | 50.67      | Yes           | 19.52          | -31.15        |
| 3971   | 11/18/2021 | 3          | 10       | 50.88      | Yes           | 19.52          | -31.36        |
| 3972   | 11/18/2021 | 3          | 11       | 50.96      | Yes           | 19.52          | -31.44        |
| 3973   | 11/18/2021 | 3          | 12       | 51.44      | Yes           | 19.52          | -31.92        |
| 3974   | 11/18/2021 | 4          | 1        | 52.38      | Yes           | 19.52          | -32.86        |
| 3975   | 11/18/2021 | 4          | 2        | 52.44      | Yes           | 19.52          | -32.92        |
| 3976   | 11/18/2021 | 4          | 3        | 52.38      | Yes           | 19.52          | -32.86        |
| 3977   | 11/18/2021 | 4          | 4        | 53.03      | Yes           | 19.52          | -33.51        |
| 3978   | 11/18/2021 | 4          | 5        | 53.03      | Yes           | 19.52          | -33.51        |
| 3979   | 11/18/2021 | 4          | 6        | 53.03      | Yes           | 19.52          | -33.51        |
| 3980   | 11/18/2021 | 4          | 7        | 53.20      | Yes           | 19.52          | -33.68        |
| 3981   | 11/18/2021 | 4          | 8        | 53.20      | Yes           | 19.52          | -33.68        |
| 3982   | 11/18/2021 | 4          | 9        | 53.20      | Yes           | 19.52          | -33.68        |
| 3983   | 11/18/2021 | 4          | 10       | 53.42      | Yes           | 19.52          | -33.90        |
| 3984   | 11/18/2021 | 4          | 11       | 53.42      | Yes           | 19.52          | -33.90        |
| 3985   | 11/18/2021 | 4          | 12       | 53.42      | Yes           | 19.52          | -33.90        |
| 3986   | 11/18/2021 | 5          | 1        | 53.61      | Yes           | 19.52          | -34.09        |

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| 3987   | 11/18/2021 | 5          | 2        | 53.61      | Yes           | 19.52          | -34.09        |
| 3988   | 11/18/2021 | 5          | 3        | 53.50      | Yes           | 19.52          | -33.98        |
| 3989   | 11/18/2021 | 5          | 4        | 53.85      | Yes           | 19.52          | -34.33        |
| 3990   | 11/18/2021 | 5          | 5        | 53.85      | Yes           | 19.52          | -34.33        |
| 3991   | 11/18/2021 | 5          | 6        | 53.85      | Yes           | 19.52          | -34.33        |
| 3992   | 11/18/2021 | 5          | 7        | 53.85      | Yes           | 19.52          | -34.33        |
| 3993   | 11/18/2021 | 5          | 8        | 53.85      | Yes           | 19.52          | -34.33        |
| 3994   | 11/18/2021 | 5          | 9        | 53.98      | Yes           | 19.52          | -34.46        |
| 3995   | 11/18/2021 | 5          | 10       | 54.17      | Yes           | 19.52          | -34.65        |
| 3996   | 11/18/2021 | 5          | 11       | 54.17      | Yes           | 19.52          | -34.65        |
| 3997   | 11/18/2021 | 5          | 12       | 54.94      | Yes           | 19.52          | -35.42        |
| 3998   | 11/18/2021 | 6          | 1        | 54.89      | Yes           | 19.52          | -35.37        |
| 3999   | 11/18/2021 | 6          | 2        | 53.26      | Yes           | 19.52          | -33.74        |
| 4000   | 11/18/2021 | 6          | 3        | 54.90      | Yes           | 19.52          | -35.38        |
| 4001   | 11/18/2021 | 6          | 4        | 53.36      | Yes           | 19.52          | -33.84        |
| 4002   | 11/18/2021 | 6          | 5        | 55.67      | Yes           | 19.52          | -36.15        |
| 4003   | 11/18/2021 | 6          | 6        | 55.67      | Yes           | 19.52          | -36.15        |
| 4004   | 11/18/2021 | 6          | 7        | 55.75      | Yes           | 19.52          | -36.23        |
| 4005   | 11/18/2021 | 6          | 8        | 56.06      | Yes           | 19.52          | -36.54        |
| 4006   | 11/18/2021 | 6          | 9        | 58.60      | Yes           | 19.52          | -39.08        |
| 4007   | 11/18/2021 | 6          | 10       | 59.81      | Yes           | 19.52          | -40.29        |
| 4008   | 11/18/2021 | 6          | 11       | 59.37      | Yes           | 19.52          | -39.85        |
| 4009   | 11/18/2021 | 6          | 12       | 59.54      | Yes           | 19.52          | -40.02        |
| 4010   | 11/18/2021 | 7          | 1        | 59.58      | Yes           | 19.52          | -40.06        |
| 4011   | 11/18/2021 | 7          | 2        | 61.89      | Yes           | 19.52          | -42.37        |
| 4012   | 11/18/2021 | 7          | 3        | 61.89      | Yes           | 19.52          | -42.37        |
| 4013   | 11/18/2021 | 7          | 7        | 60.95      | Yes           | 19.52          | -41.43        |
| 4014   | 11/18/2021 | 7          | 8        | 63.33      | Yes           | 19.52          | -43.81        |
| 4015   | 11/18/2021 | 7          | 9        | 62.52      | Yes           | 19.52          | -43.00        |
| 4016   | 11/18/2021 | 7          | 10       | 64.05      | Yes           | 19.52          | -44.53        |
| 4017   | 11/18/2021 | 7          | 11       | 63.19      | Yes           | 19.52          | -43.67        |
| 4018   | 11/18/2021 | 7          | 12       | 62.75      | Yes           | 19.52          | -43.23        |
| 4019   | 11/18/2021 | 8          | 9        | 55.53      | Yes           | 19.52          | -36.01        |
| 4020   | 11/18/2021 | 8          | 10       | 52.19      | Yes           | 19.52          | -32.67        |
| 4021   | 11/18/2021 | 8          | 11       | 52.18      | Yes           | 19.52          | -32.66        |
| 4022   | 11/18/2021 | 8          | 12       | 51.82      | Yes           | 19.52          | -32.30        |
| 4023   | 11/18/2021 | 9          | 1        | 53.81      | Yes           | 19.52          | -34.29        |
| 4024   | 11/18/2021 | 9          | 2        | 54.75      | Yes           | 19.52          | -35.23        |

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| 4025   | 11/18/2021 | 9          | 3        | 53.05      | Yes           | 19.52          | -33.53        |
| 4026   | 11/18/2021 | 9          | 4        | 51.64      | Yes           | 19.52          | -32.12        |
| 4027   | 11/18/2021 | 9          | 5        | 50.57      | Yes           | 19.52          | -31.05        |
| 4028   | 11/18/2021 | 9          | 6        | 52.40      | Yes           | 19.52          | -32.88        |
| 4029   | 11/18/2021 | 9          | 7        | 51.82      | Yes           | 19.52          | -32.30        |
| 4030   | 11/18/2021 | 9          | 8        | 50.27      | Yes           | 19.52          | -30.75        |
| 4031   | 11/18/2021 | 9          | 9        | 47.93      | Yes           | 19.52          | -28.41        |
| 4032   | 11/18/2021 | 9          | 10       | 47.63      | Yes           | 19.52          | -28.11        |
| 4033   | 11/18/2021 | 9          | 11       | 48.20      | Yes           | 19.52          | -28.68        |
| 4034   | 11/18/2021 | 9          | 12       | 47.64      | Yes           | 19.52          | -28.12        |
| 4035   | 11/18/2021 | 10         | 1        | 51.43      | Yes           | 19.52          | -31.91        |
| 4036   | 11/18/2021 | 10         | 2        | 49.45      | Yes           | 19.52          | -29.93        |
| 4037   | 11/18/2021 | 10         | 3        | 47.96      | Yes           | 19.52          | -28.44        |
| 4038   | 11/18/2021 | 10         | 4        | 46.87      | Yes           | 19.52          | -27.35        |
| 4039   | 11/18/2021 | 10         | 5        | 45.26      | Yes           | 19.52          | -25.74        |
| 4040   | 11/18/2021 | 10         | 6        | 43.10      | Yes           | 19.52          | -23.58        |
| 4041   | 11/18/2021 | 10         | 7        | 42.20      | Yes           | 19.52          | -22.68        |
| 4042   | 11/18/2021 | 10         | 8        | 42.76      | Yes           | 19.52          | -23.24        |
| 4043   | 11/18/2021 | 10         | 9        | 42.74      | Yes           | 19.52          | -23.22        |
| 4044   | 11/18/2021 | 10         | 10       | 39.92      | Yes           | 19.52          | -20.40        |
| 4045   | 11/18/2021 | 10         | 11       | 36.85      | Yes           | 19.52          | -17.33        |
| 4046   | 11/18/2021 | 10         | 12       | 34.90      | Yes           | 19.52          | -15.38        |
| 4047   | 11/18/2021 | 11         | 1        | 38.11      | Yes           | 19.52          | -18.59        |
| 4048   | 11/18/2021 | 11         | 2        | 37.40      | Yes           | 19.52          | -17.88        |
| 4049   | 11/18/2021 | 11         | 3        | 39.63      | Yes           | 19.52          | -20.11        |
| 4050   | 11/18/2021 | 11         | 4        | 35.95      | Yes           | 19.52          | -16.43        |
| 4051   | 11/18/2021 | 11         | 5        | 26.03      | Yes           | 19.52          | -6.51         |
| 4052   | 11/18/2021 | 11         | 6        | 24.53      | Yes           | 19.52          | -5.01         |
| 4053   | 11/18/2021 | 11         | 7        | 19.03      | Yes           | 19.52          | 0.49          |
| 4054   | 11/18/2021 | 11         | 8        | 17.19      | Yes           | 19.52          | 2.33          |
| 4055   | 11/18/2021 | 11         | 9        | 22.85      | Yes           | 19.52          | -3.33         |
| 4056   | 11/18/2021 | 11         | 10       | 18.21      | Yes           | 19.52          | 1.31          |
| 4057   | 11/18/2021 | 11         | 11       | 18.07      | Yes           | 19.52          | 1.45          |
| 4058   | 11/18/2021 | 11         | 12       | 16.52      | Yes           | 19.52          | 3.00          |
| 4059   | 11/18/2021 | 12         | 1        | 21.41      | Yes           | 19.52          | -1.89         |
| 4060   | 11/18/2021 | 12         | 2        | 23.12      | Yes           | 19.52          | -3.60         |
| 4061   | 11/18/2021 | 12         | 3        | 25.55      | Yes           | 19.52          | -6.03         |
| 4062   | 11/18/2021 | 12         | 4        | 27.06      | Yes           | 19.52          | -7.54         |



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| 4063   | 11/18/2021 | 12         | 5        | 27.34      | Yes           | 19.52          | -7.82         |
| 4064   | 11/18/2021 | 12         | 6        | 31.21      | Yes           | 19.52          | -11.69        |
| 4065   | 11/18/2021 | 12         | 7        | 31.14      | Yes           | 19.52          | -11.62        |
| 4066   | 11/18/2021 | 12         | 8        | 33.72      | Yes           | 19.52          | -14.20        |
| 4067   | 11/18/2021 | 12         | 9        | 35.74      | Yes           | 19.52          | -16.22        |
| 4068   | 11/18/2021 | 12         | 10       | 38.18      | Yes           | 19.52          | -18.66        |
| 4069   | 11/18/2021 | 12         | 11       | 37.91      | Yes           | 19.52          | -18.39        |
| 4070   | 11/18/2021 | 12         | 12       | 33.90      | Yes           | 19.52          | -14.38        |
| 4071   | 11/18/2021 | 13         | 1        | 33.26      | Yes           | 19.52          | -13.74        |
| 4072   | 11/18/2021 | 13         | 2        | 40.27      | Yes           | 19.52          | -20.75        |
| 4073   | 11/18/2021 | 13         | 3        | 41.09      | Yes           | 19.52          | -21.57        |
| 4074   | 11/18/2021 | 13         | 4        | 34.66      | Yes           | 19.52          | -15.14        |
| 4075   | 11/18/2021 | 13         | 5        | 33.89      | Yes           | 19.52          | -14.37        |
| 4076   | 11/18/2021 | 13         | 6        | 34.95      | Yes           | 19.52          | -15.43        |
| 4077   | 11/18/2021 | 13         | 7        | 26.22      | Yes           | 19.52          | -6.70         |
| 4078   | 11/18/2021 | 13         | 8        | 29.00      | Yes           | 19.52          | -9.48         |
| 4079   | 11/18/2021 | 13         | 9        | 33.90      | Yes           | 19.52          | -14.38        |
| 4080   | 11/18/2021 | 13         | 10       | 38.54      | Yes           | 19.52          | -19.02        |
| 4081   | 11/18/2021 | 13         | 11       | 41.73      | Yes           | 19.52          | -22.21        |
| 4082   | 11/18/2021 | 13         | 12       | 42.29      | Yes           | 19.52          | -22.77        |
| 4083   | 11/18/2021 | 14         | 1        | 41.27      | Yes           | 19.52          | -21.75        |
| 4084   | 11/18/2021 | 14         | 2        | 42.45      | Yes           | 19.52          | -22.93        |
| 4085   | 11/18/2021 | 14         | 3        | 43.54      | Yes           | 19.52          | -24.02        |
| 4086   | 11/18/2021 | 14         | 4        | 48.81      | Yes           | 19.52          | -29.29        |
| 4087   | 11/18/2021 | 14         | 5        | 49.39      | Yes           | 19.52          | -29.87        |
| 4088   | 11/18/2021 | 14         | 6        | 45.21      | Yes           | 19.52          | -25.69        |
| 4089   | 11/18/2021 | 14         | 7        | 45.97      | Yes           | 19.52          | -26.45        |
| 4090   | 11/18/2021 | 14         | 8        | 49.18      | Yes           | 19.52          | -29.66        |
| 4091   | 11/18/2021 | 14         | 9        | 48.17      | Yes           | 19.52          | -28.65        |
| 4092   | 11/18/2021 | 14         | 10       | 48.33      | Yes           | 19.52          | -28.81        |
| 4093   | 11/18/2021 | 14         | 11       | 46.73      | Yes           | 19.52          | -27.21        |
| 4094   | 11/18/2021 | 14         | 12       | 46.32      | Yes           | 19.52          | -26.80        |
| 4095   | 11/18/2021 | 15         | 1        | 41.68      | Yes           | 19.52          | -22.16        |
| 4096   | 11/18/2021 | 15         | 2        | 42.85      | Yes           | 19.52          | -23.33        |
| 4097   | 11/18/2021 | 15         | 3        | 42.81      | Yes           | 19.52          | -23.29        |
| 4098   | 11/18/2021 | 15         | 4        | 43.16      | Yes           | 19.52          | -23.64        |
| 4099   | 11/18/2021 | 15         | 5        | 42.66      | Yes           | 19.52          | -23.14        |
| 4100   | 11/18/2021 | 15         | 6        | 45.58      | Yes           | 19.52          | -26.06        |

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| 4101   | 11/18/2021 | 15         | 7        | 45.40      | Yes           | 19.52          | -25.88        |
| 4102   | 11/18/2021 | 15         | 8        | 49.61      | Yes           | 19.52          | -30.09        |
| 4103   | 11/18/2021 | 15         | 9        | 51.16      | Yes           | 19.52          | -31.64        |
| 4104   | 11/18/2021 | 15         | 10       | 51.96      | Yes           | 19.52          | -32.44        |
| 4105   | 11/18/2021 | 15         | 11       | 51.96      | Yes           | 19.52          | -32.44        |
| 4106   | 11/18/2021 | 15         | 12       | 52.68      | Yes           | 19.52          | -33.16        |
| 4107   | 11/18/2021 | 16         | 1        | 49.76      | Yes           | 19.52          | -30.24        |
| 4108   | 11/18/2021 | 16         | 2        | 49.76      | Yes           | 19.52          | -30.24        |
| 4109   | 11/18/2021 | 16         | 3        | 51.75      | Yes           | 19.52          | -32.23        |
| 4110   | 11/18/2021 | 19         | 10       | 61.34      | Yes           | 19.52          | -41.82        |
| 4111   | 11/18/2021 | 19         | 11       | 59.98      | Yes           | 19.52          | -40.46        |
| 4112   | 11/18/2021 | 19         | 12       | 58.41      | Yes           | 19.52          | -38.89        |
| 4113   | 11/18/2021 | 20         | 1        | 62.20      | Yes           | 19.52          | -42.68        |
| 4114   | 11/18/2021 | 20         | 2        | 60.18      | Yes           | 19.52          | -40.66        |
| 4115   | 11/18/2021 | 20         | 3        | 59.00      | Yes           | 19.52          | -39.48        |
| 4116   | 11/18/2021 | 20         | 4        | 57.60      | Yes           | 19.52          | -38.08        |
| 4117   | 11/18/2021 | 20         | 5        | 56.13      | Yes           | 19.52          | -36.61        |
| 4118   | 11/18/2021 | 20         | 6        | 58.19      | Yes           | 19.52          | -38.67        |
| 4119   | 11/18/2021 | 20         | 7        | 59.75      | Yes           | 19.52          | -40.23        |
| 4120   | 11/18/2021 | 20         | 8        | 59.95      | Yes           | 19.52          | -40.43        |
| 4121   | 11/18/2021 | 20         | 9        | 59.89      | Yes           | 19.52          | -40.37        |
| 4122   | 11/18/2021 | 20         | 10       | 60.19      | Yes           | 19.52          | -40.67        |
| 4123   | 11/18/2021 | 20         | 11       | 58.11      | Yes           | 19.52          | -38.59        |
| 4124   | 11/18/2021 | 20         | 12       | 57.75      | Yes           | 19.52          | -38.23        |
| 4125   | 11/18/2021 | 21         | 1        | 54.49      | Yes           | 19.52          | -34.97        |
| 4126   | 11/18/2021 | 21         | 2        | 54.05      | Yes           | 19.52          | -34.53        |
| 4127   | 11/18/2021 | 21         | 3        | 53.95      | Yes           | 19.52          | -34.43        |
| 4128   | 11/18/2021 | 21         | 4        | 54.60      | Yes           | 19.52          | -35.08        |
| 4129   | 11/18/2021 | 21         | 5        | 54.55      | Yes           | 19.52          | -35.03        |
| 4130   | 11/18/2021 | 21         | 6        | 54.68      | Yes           | 19.52          | -35.16        |
| 4131   | 11/18/2021 | 21         | 7        | 54.53      | Yes           | 19.52          | -35.01        |
| 4132   | 11/18/2021 | 21         | 8        | 53.32      | Yes           | 19.52          | -33.80        |
| 4133   | 11/18/2021 | 21         | 9        | 51.96      | Yes           | 19.52          | -32.44        |
| 4134   | 11/18/2021 | 21         | 10       | 51.39      | Yes           | 19.52          | -31.87        |
| 4135   | 11/18/2021 | 21         | 11       | 50.94      | Yes           | 19.52          | -31.42        |
| 4136   | 11/18/2021 | 21         | 12       | 50.94      | Yes           | 19.52          | -31.42        |
| 4137   | 11/18/2021 | 22         | 1        | 52.79      | Yes           | 19.52          | -33.27        |
| 4138   | 11/18/2021 | 22         | 2        | 50.94      | Yes           | 19.52          | -31.42        |

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| 4139   | 11/18/2021 | 22         | 3        | 50.83      | Yes           | 19.52          | -31.31        |
| 4140   | 11/18/2021 | 22         | 4        | 51.11      | Yes           | 19.52          | -31.59        |
| 4141   | 11/18/2021 | 22         | 5        | 51.11      | Yes           | 19.52          | -31.59        |
| 4142   | 11/18/2021 | 22         | 6        | 50.53      | Yes           | 19.52          | -31.01        |
| 4143   | 11/18/2021 | 22         | 7        | 50.05      | Yes           | 19.52          | -30.53        |
| 4144   | 11/18/2021 | 22         | 8        | 49.71      | Yes           | 19.52          | -30.19        |
| 4145   | 11/18/2021 | 22         | 9        | 49.71      | Yes           | 19.52          | -30.19        |
| 4146   | 11/18/2021 | 22         | 10       | 49.33      | Yes           | 19.52          | -29.81        |
| 4147   | 11/18/2021 | 22         | 11       | 49.33      | Yes           | 19.52          | -29.81        |
| 4148   | 11/18/2021 | 22         | 12       | 49.48      | Yes           | 19.52          | -29.96        |
| 4149   | 11/18/2021 | 23         | 1        | 50.82      | Yes           | 19.52          | -31.30        |
| 4150   | 11/18/2021 | 23         | 2        | 52.04      | Yes           | 19.52          | -32.52        |
| 4151   | 11/18/2021 | 23         | 3        | 50.82      | Yes           | 19.52          | -31.30        |
| 4152   | 11/18/2021 | 23         | 4        | 49.94      | Yes           | 19.52          | -30.42        |
| 4153   | 11/18/2021 | 23         | 5        | 48.67      | Yes           | 19.52          | -29.15        |
| 4154   | 11/18/2021 | 23         | 6        | 48.67      | Yes           | 19.52          | -29.15        |
| 4155   | 11/18/2021 | 23         | 7        | 47.20      | Yes           | 19.52          | -27.68        |
| 4156   | 11/18/2021 | 23         | 8        | 45.76      | Yes           | 19.52          | -26.24        |
| 4157   | 11/18/2021 | 23         | 9        | 45.86      | Yes           | 19.52          | -26.34        |
| 4158   | 11/18/2021 | 23         | 10       | 44.99      | Yes           | 19.52          | -25.47        |
| 4159   | 11/18/2021 | 23         | 11       | 43.98      | Yes           | 19.52          | -24.46        |
| 4160   | 11/18/2021 | 23         | 12       | 44.84      | Yes           | 19.52          | -25.32        |
| 4161   | 11/18/2021 | 24         | 1        | 48.80      | Yes           | 19.52          | -29.28        |
| 4162   | 11/18/2021 | 24         | 2        | 49.22      | Yes           | 19.52          | -29.70        |
| 4163   | 11/18/2021 | 24         | 3        | 49.25      | Yes           | 19.52          | -29.73        |
| 4164   | 11/18/2021 | 24         | 4        | 46.69      | Yes           | 19.52          | -27.17        |
| 4165   | 11/18/2021 | 24         | 5        | 45.65      | Yes           | 19.52          | -26.13        |
| 4166   | 11/18/2021 | 24         | 6        | 45.61      | Yes           | 19.52          | -26.09        |
| 4167   | 11/18/2021 | 24         | 7        | 44.72      | Yes           | 19.52          | -25.20        |
| 4168   | 11/18/2021 | 24         | 8        | 43.95      | Yes           | 19.52          | -24.43        |
| 4169   | 11/18/2021 | 24         | 9        | 43.57      | Yes           | 19.52          | -24.05        |
| 4170   | 11/18/2021 | 24         | 10       | 42.45      | Yes           | 19.52          | -22.93        |
| 4171   | 11/18/2021 | 24         | 11       | 42.47      | Yes           | 19.52          | -22.95        |
| 4172   | 11/18/2021 | 24         | 12       | 43.92      | Yes           | 19.52          | -24.40        |
| 4173   | 11/19/2021 | 1          | 1        | 46.84      | Yes           | 19.98          | -26.86        |
| 4174   | 11/19/2021 | 1          | 2        | 48.87      | Yes           | 19.98          | -28.89        |
| 4175   | 11/19/2021 | 1          | 3        | 48.54      | Yes           | 19.98          | -28.56        |
| 4176   | 11/19/2021 | 1          | 4        | 46.39      | Yes           | 19.98          | -26.41        |

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| 4177   | 11/19/2021 | 1          | 5        | 46.20      | Yes           | 19.98          | -26.22        |
| 4178   | 11/19/2021 | 1          | 6        | 45.27      | Yes           | 19.98          | -25.29        |
| 4179   | 11/19/2021 | 1          | 7        | 44.96      | Yes           | 19.98          | -24.98        |
| 4180   | 11/19/2021 | 1          | 8        | 44.96      | Yes           | 19.98          | -24.98        |
| 4181   | 11/19/2021 | 1          | 9        | 44.86      | Yes           | 19.98          | -24.88        |
| 4182   | 11/19/2021 | 1          | 10       | 45.32      | Yes           | 19.98          | -25.34        |
| 4183   | 11/19/2021 | 1          | 11       | 44.90      | Yes           | 19.98          | -24.92        |
| 4184   | 11/19/2021 | 1          | 12       | 45.26      | Yes           | 19.98          | -25.28        |
| 4185   | 11/19/2021 | 2          | 1        | 55.19      | Yes           | 19.98          | -35.21        |
| 4186   | 11/19/2021 | 2          | 2        | 55.02      | Yes           | 19.98          | -35.04        |
| 4187   | 11/19/2021 | 2          | 3        | 54.22      | Yes           | 19.98          | -34.24        |
| 4188   | 11/19/2021 | 2          | 4        | 43.36      | Yes           | 19.98          | -23.38        |
| 4189   | 11/19/2021 | 2          | 5        | 44.43      | Yes           | 19.98          | -24.45        |
| 4190   | 11/19/2021 | 2          | 6        | 44.10      | Yes           | 19.98          | -24.12        |
| 4191   | 11/19/2021 | 2          | 7        | 43.27      | Yes           | 19.98          | -23.29        |
| 4192   | 11/19/2021 | 2          | 8        | 42.36      | Yes           | 19.98          | -22.38        |
| 4193   | 11/19/2021 | 2          | 9        | 43.19      | Yes           | 19.98          | -23.21        |
| 4194   | 11/19/2021 | 2          | 10       | 42.26      | Yes           | 19.98          | -22.28        |
| 4195   | 11/19/2021 | 2          | 11       | 42.69      | Yes           | 19.98          | -22.71        |
| 4196   | 11/19/2021 | 2          | 12       | 42.40      | Yes           | 19.98          | -22.42        |
| 4197   | 11/19/2021 | 3          | 1        | 43.62      | Yes           | 19.98          | -23.64        |
| 4198   | 11/19/2021 | 3          | 2        | 43.45      | Yes           | 19.98          | -23.47        |
| 4199   | 11/19/2021 | 3          | 3        | 43.66      | Yes           | 19.98          | -23.68        |
| 4200   | 11/19/2021 | 3          | 4        | 43.17      | Yes           | 19.98          | -23.19        |
| 4201   | 11/19/2021 | 3          | 5        | 43.13      | Yes           | 19.98          | -23.15        |
| 4202   | 11/19/2021 | 3          | 6        | 43.26      | Yes           | 19.98          | -23.28        |
| 4203   | 11/19/2021 | 3          | 7        | 42.88      | Yes           | 19.98          | -22.90        |
| 4204   | 11/19/2021 | 3          | 8        | 42.73      | Yes           | 19.98          | -22.75        |
| 4205   | 11/19/2021 | 3          | 9        | 42.60      | Yes           | 19.98          | -22.62        |
| 4206   | 11/19/2021 | 3          | 10       | 42.33      | Yes           | 19.98          | -22.35        |
| 4207   | 11/19/2021 | 3          | 11       | 42.59      | Yes           | 19.98          | -22.61        |
| 4208   | 11/19/2021 | 3          | 12       | 42.77      | Yes           | 19.98          | -22.79        |
| 4209   | 11/19/2021 | 4          | 1        | 43.48      | Yes           | 19.98          | -23.50        |
| 4210   | 11/19/2021 | 4          | 2        | 43.66      | Yes           | 19.98          | -23.68        |
| 4211   | 11/19/2021 | 4          | 3        | 43.70      | Yes           | 19.98          | -23.72        |
| 4212   | 11/19/2021 | 4          | 4        | 43.82      | Yes           | 19.98          | -23.84        |
| 4213   | 11/19/2021 | 4          | 5        | 44.53      | Yes           | 19.98          | -24.55        |
| 4214   | 11/19/2021 | 4          | 6        | 44.53      | Yes           | 19.98          | -24.55        |

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| 4215   | 11/19/2021 | 4          | 7        | 45.98      | Yes           | 19.98          | -26.00        |
| 4216   | 11/19/2021 | 4          | 8        | 45.99      | Yes           | 19.98          | -26.01        |
| 4217   | 11/19/2021 | 4          | 9        | 45.99      | Yes           | 19.98          | -26.01        |
| 4218   | 11/19/2021 | 4          | 10       | 45.97      | Yes           | 19.98          | -25.99        |
| 4219   | 11/19/2021 | 4          | 11       | 46.20      | Yes           | 19.98          | -26.22        |
| 4220   | 11/19/2021 | 4          | 12       | 46.05      | Yes           | 19.98          | -26.07        |
| 4221   | 11/19/2021 | 5          | 1        | 46.55      | Yes           | 19.98          | -26.57        |
| 4222   | 11/19/2021 | 5          | 2        | 46.96      | Yes           | 19.98          | -26.98        |
| 4223   | 11/19/2021 | 5          | 3        | 46.97      | Yes           | 19.98          | -26.99        |
| 4224   | 11/19/2021 | 5          | 4        | 47.75      | Yes           | 19.98          | -27.77        |
| 4225   | 11/19/2021 | 5          | 5        | 49.29      | Yes           | 19.98          | -29.31        |
| 4226   | 11/19/2021 | 5          | 6        | 49.65      | Yes           | 19.98          | -29.67        |
| 4227   | 11/19/2021 | 5          | 7        | 48.47      | Yes           | 19.98          | -28.49        |
| 4228   | 11/19/2021 | 5          | 8        | 50.11      | Yes           | 19.98          | -30.13        |
| 4229   | 11/19/2021 | 5          | 9        | 50.49      | Yes           | 19.98          | -30.51        |
| 4230   | 11/19/2021 | 5          | 10       | 60.47      | Yes           | 19.98          | -40.49        |
| 4231   | 11/19/2021 | 5          | 11       | 60.62      | Yes           | 19.98          | -40.64        |
| 4232   | 11/19/2021 | 5          | 12       | 58.05      | Yes           | 19.98          | -38.07        |
| 4233   | 11/19/2021 | 6          | 1        | 47.53      | Yes           | 19.98          | -27.55        |
| 4234   | 11/19/2021 | 6          | 2        | 47.53      | Yes           | 19.98          | -27.55        |
| 4235   | 11/19/2021 | 6          | 3        | 44.40      | Yes           | 19.98          | -24.42        |
| 4236   | 11/19/2021 | 6          | 4        | 45.69      | Yes           | 19.98          | -25.71        |
| 4237   | 11/19/2021 | 6          | 5        | 47.87      | Yes           | 19.98          | -27.89        |
| 4238   | 11/19/2021 | 6          | 6        | 48.72      | Yes           | 19.98          | -28.74        |
| 4239   | 11/19/2021 | 6          | 7        | 51.51      | Yes           | 19.98          | -31.53        |
| 4240   | 11/19/2021 | 6          | 8        | 53.47      | Yes           | 19.98          | -33.49        |
| 4241   | 11/19/2021 | 6          | 9        | 55.29      | Yes           | 19.98          | -35.31        |
| 4242   | 11/19/2021 | 6          | 10       | 57.99      | Yes           | 19.98          | -38.01        |
| 4243   | 11/19/2021 | 6          | 11       | 58.43      | Yes           | 19.98          | -38.45        |
| 4244   | 11/19/2021 | 6          | 12       | 58.40      | Yes           | 19.98          | -38.42        |
| 4245   | 11/19/2021 | 7          | 1        | 54.63      | Yes           | 19.98          | -34.65        |
| 4246   | 11/19/2021 | 7          | 2        | 54.30      | Yes           | 19.98          | -34.32        |
| 4247   | 11/19/2021 | 7          | 3        | 55.50      | Yes           | 19.98          | -35.52        |
| 4248   | 11/19/2021 | 7          | 4        | 56.73      | Yes           | 19.98          | -36.75        |
| 4249   | 11/19/2021 | 7          | 5        | 58.96      | Yes           | 19.98          | -38.98        |
| 4250   | 11/19/2021 | 7          | 6        | 60.28      | Yes           | 19.98          | -40.30        |
| 4251   | 11/19/2021 | 7          | 7        | 62.11      | Yes           | 19.98          | -42.13        |
| 4252   | 11/19/2021 | 7          | 8        | 61.10      | Yes           | 19.98          | -41.12        |

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| 4253   | 11/19/2021 | 7          | 9        | 61.10      | Yes           | 19.98          | -41.12        |
| 4254   | 11/19/2021 | 7          | 10       | 61.69      | Yes           | 19.98          | -41.71        |
| 4255   | 11/19/2021 | 7          | 11       | 62.39      | Yes           | 19.98          | -42.41        |
| 4256   | 11/19/2021 | 7          | 12       | 60.92      | Yes           | 19.98          | -40.94        |
| 4257   | 11/19/2021 | 8          | 1        | 71.09      | Yes           | 19.98          | -51.11        |
| 4258   | 11/19/2021 | 8          | 2        | 70.39      | Yes           | 19.98          | -50.41        |
| 4259   | 11/19/2021 | 8          | 3        | 63.77      | Yes           | 19.98          | -43.79        |
| 4260   | 11/19/2021 | 8          | 4        | 64.36      | Yes           | 19.98          | -44.38        |
| 4261   | 11/19/2021 | 8          | 5        | 60.75      | Yes           | 19.98          | -40.77        |
| 4262   | 11/19/2021 | 8          | 6        | 57.40      | Yes           | 19.98          | -37.42        |
| 4263   | 11/19/2021 | 8          | 7        | 57.90      | Yes           | 19.98          | -37.92        |
| 4264   | 11/19/2021 | 8          | 8        | 57.83      | Yes           | 19.98          | -37.85        |
| 4265   | 11/19/2021 | 8          | 9        | 52.55      | Yes           | 19.98          | -32.57        |
| 4266   | 11/19/2021 | 8          | 10       | 52.09      | Yes           | 19.98          | -32.11        |
| 4267   | 11/19/2021 | 8          | 11       | 52.89      | Yes           | 19.98          | -32.91        |
| 4268   | 11/19/2021 | 8          | 12       | 50.41      | Yes           | 19.98          | -30.43        |
| 4269   | 11/19/2021 | 9          | 1        | 51.43      | Yes           | 19.98          | -31.45        |
| 4270   | 11/19/2021 | 9          | 2        | 51.96      | Yes           | 19.98          | -31.98        |
| 4271   | 11/19/2021 | 9          | 3        | 49.86      | Yes           | 19.98          | -29.88        |
| 4272   | 11/19/2021 | 9          | 4        | 47.32      | Yes           | 19.98          | -27.34        |
| 4273   | 11/19/2021 | 9          | 5        | 46.46      | Yes           | 19.98          | -26.48        |
| 4274   | 11/19/2021 | 9          | 6        | 45.43      | Yes           | 19.98          | -25.45        |
| 4275   | 11/19/2021 | 9          | 7        | 43.97      | Yes           | 19.98          | -23.99        |
| 4276   | 11/19/2021 | 9          | 8        | 43.90      | Yes           | 19.98          | -23.92        |
| 4277   | 11/19/2021 | 9          | 9        | 39.38      | Yes           | 19.98          | -19.40        |
| 4278   | 11/19/2021 | 9          | 10       | 38.39      | Yes           | 19.98          | -18.41        |
| 4279   | 11/19/2021 | 9          | 11       | 33.83      | Yes           | 19.98          | -13.85        |
| 4280   | 11/19/2021 | 9          | 12       | 23.92      | Yes           | 19.98          | -3.94         |
| 4281   | 11/19/2021 | 10         | 1        | 46.69      | Yes           | 19.98          | -26.71        |
| 4282   | 11/19/2021 | 10         | 2        | 46.30      | Yes           | 19.98          | -26.32        |
| 4283   | 11/19/2021 | 10         | 3        | 44.79      | Yes           | 19.98          | -24.81        |
| 4284   | 11/19/2021 | 10         | 4        | 44.06      | Yes           | 19.98          | -24.08        |
| 4285   | 11/19/2021 | 10         | 5        | 44.79      | Yes           | 19.98          | -24.81        |
| 4286   | 11/19/2021 | 10         | 6        | 37.06      | Yes           | 19.98          | -17.08        |
| 4287   | 11/19/2021 | 10         | 7        | 39.69      | Yes           | 19.98          | -19.71        |
| 4288   | 11/19/2021 | 10         | 8        | 43.30      | Yes           | 19.98          | -23.32        |
| 4289   | 11/19/2021 | 10         | 9        | 43.18      | Yes           | 19.98          | -23.20        |
| 4290   | 11/19/2021 | 10         | 10       | 40.64      | Yes           | 19.98          | -20.66        |

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| 4291   | 11/19/2021 | 10         | 11       | 40.29      | Yes           | 19.98          | -20.31        |
| 4292   | 11/19/2021 | 10         | 12       | 38.27      | Yes           | 19.98          | -18.29        |
| 4293   | 11/19/2021 | 11         | 1        | 47.08      | Yes           | 19.98          | -27.10        |
| 4294   | 11/19/2021 | 11         | 2        | 44.63      | Yes           | 19.98          | -24.65        |
| 4295   | 11/19/2021 | 11         | 3        | 47.41      | Yes           | 19.98          | -27.43        |
| 4296   | 11/19/2021 | 11         | 4        | 44.19      | Yes           | 19.98          | -24.21        |
| 4297   | 11/19/2021 | 11         | 5        | 39.27      | Yes           | 19.98          | -19.29        |
| 4298   | 11/19/2021 | 11         | 6        | 38.99      | Yes           | 19.98          | -19.01        |
| 4299   | 11/19/2021 | 11         | 7        | 38.53      | Yes           | 19.98          | -18.55        |
| 4300   | 11/19/2021 | 11         | 8        | 37.80      | Yes           | 19.98          | -17.82        |
| 4301   | 11/19/2021 | 11         | 9        | 38.58      | Yes           | 19.98          | -18.60        |
| 4302   | 11/19/2021 | 11         | 10       | 38.82      | Yes           | 19.98          | -18.84        |
| 4303   | 11/19/2021 | 11         | 11       | 35.59      | Yes           | 19.98          | -15.61        |
| 4304   | 11/19/2021 | 11         | 12       | 35.29      | Yes           | 19.98          | -15.31        |
| 4305   | 11/19/2021 | 12         | 1        | 44.75      | Yes           | 19.98          | -24.77        |
| 4306   | 11/19/2021 | 12         | 2        | 46.73      | Yes           | 19.98          | -26.75        |
| 4307   | 11/19/2021 | 12         | 3        | 46.73      | Yes           | 19.98          | -26.75        |
| 4308   | 11/19/2021 | 12         | 4        | 44.43      | Yes           | 19.98          | -24.45        |
| 4309   | 11/19/2021 | 12         | 5        | 46.86      | Yes           | 19.98          | -26.88        |
| 4310   | 11/19/2021 | 12         | 6        | 47.75      | Yes           | 19.98          | -27.77        |
| 4311   | 11/19/2021 | 12         | 7        | 44.24      | Yes           | 19.98          | -24.26        |
| 4312   | 11/19/2021 | 12         | 8        | 42.98      | Yes           | 19.98          | -23.00        |
| 4313   | 11/19/2021 | 12         | 9        | 42.17      | Yes           | 19.98          | -22.19        |
| 4314   | 11/19/2021 | 12         | 10       | 44.10      | Yes           | 19.98          | -24.12        |
| 4315   | 11/19/2021 | 12         | 11       | 41.88      | Yes           | 19.98          | -21.90        |
| 4316   | 11/19/2021 | 12         | 12       | 41.03      | Yes           | 19.98          | -21.05        |
| 4317   | 11/19/2021 | 13         | 1        | 50.98      | Yes           | 19.98          | -31.00        |
| 4318   | 11/19/2021 | 13         | 2        | 51.01      | Yes           | 19.98          | -31.03        |
| 4319   | 11/19/2021 | 13         | 3        | 51.90      | Yes           | 19.98          | -31.92        |
| 4320   | 11/19/2021 | 13         | 4        | 51.11      | Yes           | 19.98          | -31.13        |
| 4321   | 11/19/2021 | 13         | 5        | 51.13      | Yes           | 19.98          | -31.15        |
| 4322   | 11/19/2021 | 13         | 6        | 49.89      | Yes           | 19.98          | -29.91        |
| 4323   | 11/19/2021 | 13         | 7        | 44.63      | Yes           | 19.98          | -24.65        |
| 4324   | 11/19/2021 | 13         | 8        | 47.04      | Yes           | 19.98          | -27.06        |
| 4325   | 11/19/2021 | 13         | 9        | 56.48      | Yes           | 19.98          | -36.50        |
| 4326   | 11/19/2021 | 13         | 10       | 48.50      | Yes           | 19.98          | -28.52        |
| 4327   | 11/19/2021 | 13         | 11       | 47.69      | Yes           | 19.98          | -27.71        |
| 4328   | 11/19/2021 | 13         | 12       | 45.71      | Yes           | 19.98          | -25.73        |

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| 4329   | 11/19/2021 | 14         | 1        | 51.98      | Yes           | 19.98          | -32.00        |
| 4330   | 11/19/2021 | 14         | 2        | 53.44      | Yes           | 19.98          | -33.46        |
| 4331   | 11/19/2021 | 14         | 3        | 55.35      | Yes           | 19.98          | -35.37        |
| 4332   | 11/19/2021 | 14         | 4        | 56.19      | Yes           | 19.98          | -36.21        |
| 4333   | 11/19/2021 | 14         | 5        | 56.40      | Yes           | 19.98          | -36.42        |
| 4334   | 11/19/2021 | 14         | 6        | 56.76      | Yes           | 19.98          | -36.78        |
| 4335   | 11/19/2021 | 14         | 7        | 55.84      | Yes           | 19.98          | -35.86        |
| 4336   | 11/19/2021 | 14         | 8        | 58.74      | Yes           | 19.98          | -38.76        |
| 4337   | 11/19/2021 | 14         | 9        | 58.39      | Yes           | 19.98          | -38.41        |
| 4338   | 11/19/2021 | 14         | 10       | 60.82      | Yes           | 19.98          | -40.84        |
| 4339   | 11/19/2021 | 14         | 11       | 58.79      | Yes           | 19.98          | -38.81        |
| 4340   | 11/19/2021 | 14         | 12       | 59.63      | Yes           | 19.98          | -39.65        |
| 4341   | 11/19/2021 | 15         | 1        | 60.17      | Yes           | 19.98          | -40.19        |
| 4342   | 11/19/2021 | 15         | 2        | 55.20      | Yes           | 19.98          | -35.22        |
| 4343   | 11/19/2021 | 15         | 3        | 55.00      | Yes           | 19.98          | -35.02        |
| 4344   | 11/19/2021 | 15         | 4        | 49.49      | Yes           | 19.98          | -29.51        |
| 4345   | 11/19/2021 | 15         | 5        | 47.04      | Yes           | 19.98          | -27.06        |
| 4346   | 11/19/2021 | 15         | 6        | 47.07      | Yes           | 19.98          | -27.09        |
| 4347   | 11/19/2021 | 15         | 7        | 48.44      | Yes           | 19.98          | -28.46        |
| 4348   | 11/19/2021 | 15         | 8        | 51.30      | Yes           | 19.98          | -31.32        |
| 4349   | 11/19/2021 | 15         | 9        | 66.08      | Yes           | 19.98          | -46.10        |
| 4350   | 11/19/2021 | 15         | 10       | 68.59      | Yes           | 19.98          | -48.61        |
| 4351   | 11/19/2021 | 15         | 11       | 71.97      | Yes           | 19.98          | -51.99        |
| 4352   | 11/19/2021 | 15         | 12       | 70.45      | Yes           | 19.98          | -50.47        |
| 4353   | 11/19/2021 | 16         | 1        | 53.75      | Yes           | 19.98          | -33.77        |
| 4354   | 11/19/2021 | 16         | 2        | 50.83      | Yes           | 19.98          | -30.85        |
| 4355   | 11/19/2021 | 16         | 3        | 47.98      | Yes           | 19.98          | -28.00        |
| 4356   | 11/19/2021 | 16         | 4        | 49.04      | Yes           | 19.98          | -29.06        |
| 4357   | 11/19/2021 | 16         | 5        | 49.04      | Yes           | 19.98          | -29.06        |
| 4358   | 11/19/2021 | 16         | 6        | 53.71      | Yes           | 19.98          | -33.73        |
| 4359   | 11/19/2021 | 16         | 7        | 50.67      | Yes           | 19.98          | -30.69        |
| 4360   | 11/19/2021 | 16         | 8        | 51.92      | Yes           | 19.98          | -31.94        |
| 4361   | 11/19/2021 | 16         | 9        | 54.00      | Yes           | 19.98          | -34.02        |
| 4362   | 11/19/2021 | 16         | 10       | 61.57      | Yes           | 19.98          | -41.59        |
| 4363   | 11/19/2021 | 16         | 11       | 60.85      | Yes           | 19.98          | -40.87        |
| 4364   | 11/19/2021 | 16         | 12       | 60.93      | Yes           | 19.98          | -40.95        |
| 4365   | 11/19/2021 | 17         | 1        | 42.28      | Yes           | 19.98          | -22.30        |
| 4366   | 11/19/2021 | 17         | 2        | 43.11      | Yes           | 19.98          | -23.13        |



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| 4367   | 11/19/2021 | 17         | 3        | 43.11      | Yes           | 19.98          | -23.13        |
| 4368   | 11/19/2021 | 17         | 4        | 44.07      | Yes           | 19.98          | -24.09        |
| 4369   | 11/19/2021 | 17         | 5        | 45.96      | Yes           | 19.98          | -25.98        |
| 4370   | 11/19/2021 | 17         | 6        | 47.66      | Yes           | 19.98          | -27.68        |
| 4371   | 11/19/2021 | 17         | 7        | 48.81      | Yes           | 19.98          | -28.83        |
| 4372   | 11/19/2021 | 17         | 8        | 49.88      | Yes           | 19.98          | -29.90        |
| 4373   | 11/19/2021 | 17         | 9        | 49.99      | Yes           | 19.98          | -30.01        |
| 4374   | 11/19/2021 | 17         | 10       | 49.95      | Yes           | 19.98          | -29.97        |
| 4375   | 11/19/2021 | 17         | 11       | 51.21      | Yes           | 19.98          | -31.23        |
| 4376   | 11/19/2021 | 17         | 12       | 52.22      | Yes           | 19.98          | -32.24        |
| 4377   | 11/19/2021 | 18         | 1        | 48.19      | Yes           | 19.98          | -28.21        |
| 4378   | 11/19/2021 | 18         | 2        | 48.32      | Yes           | 19.98          | -28.34        |
| 4379   | 11/19/2021 | 18         | 3        | 49.71      | Yes           | 19.98          | -29.73        |
| 4380   | 11/19/2021 | 18         | 4        | 51.02      | Yes           | 19.98          | -31.04        |
| 4381   | 11/19/2021 | 18         | 5        | 51.02      | Yes           | 19.98          | -31.04        |
| 4382   | 11/19/2021 | 18         | 6        | 50.60      | Yes           | 19.98          | -30.62        |
| 4383   | 11/19/2021 | 18         | 7        | 49.31      | Yes           | 19.98          | -29.33        |
| 4384   | 11/19/2021 | 18         | 8        | 49.31      | Yes           | 19.98          | -29.33        |
| 4385   | 11/19/2021 | 18         | 9        | 48.36      | Yes           | 19.98          | -28.38        |
| 4386   | 11/19/2021 | 18         | 10       | 48.33      | Yes           | 19.98          | -28.35        |
| 4387   | 11/19/2021 | 18         | 11       | 48.22      | Yes           | 19.98          | -28.24        |
| 4388   | 11/19/2021 | 18         | 12       | 48.22      | Yes           | 19.98          | -28.24        |
| 4389   | 11/19/2021 | 19         | 1        | 51.50      | Yes           | 19.98          | -31.52        |
| 4390   | 11/19/2021 | 19         | 2        | 51.50      | Yes           | 19.98          | -31.52        |
| 4391   | 11/19/2021 | 19         | 3        | 51.57      | Yes           | 19.98          | -31.59        |
| 4392   | 11/19/2021 | 19         | 4        | 50.08      | Yes           | 19.98          | -30.10        |
| 4393   | 11/19/2021 | 19         | 5        | 49.97      | Yes           | 19.98          | -29.99        |
| 4394   | 11/19/2021 | 19         | 6        | 49.97      | Yes           | 19.98          | -29.99        |
| 4395   | 11/19/2021 | 19         | 7        | 50.72      | Yes           | 19.98          | -30.74        |
| 4396   | 11/19/2021 | 19         | 8        | 49.63      | Yes           | 19.98          | -29.65        |
| 4397   | 11/19/2021 | 19         | 9        | 49.72      | Yes           | 19.98          | -29.74        |
| 4398   | 11/19/2021 | 19         | 10       | 49.64      | Yes           | 19.98          | -29.66        |
| 4399   | 11/19/2021 | 19         | 11       | 49.95      | Yes           | 19.98          | -29.97        |
| 4400   | 11/19/2021 | 19         | 12       | 50.34      | Yes           | 19.98          | -30.36        |
| 4401   | 11/19/2021 | 20         | 1        | 52.62      | Yes           | 19.98          | -32.64        |
| 4402   | 11/19/2021 | 20         | 2        | 52.20      | Yes           | 19.98          | -32.22        |
| 4403   | 11/19/2021 | 20         | 3        | 51.98      | Yes           | 19.98          | -32.00        |
| 4404   | 11/19/2021 | 20         | 4        | 51.26      | Yes           | 19.98          | -31.28        |

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| 4405   | 11/19/2021 | 20         | 5        | 51.60      | Yes           | 19.98          | -31.62        |
| 4406   | 11/19/2021 | 20         | 6        | 51.23      | Yes           | 19.98          | -31.25        |
| 4407   | 11/19/2021 | 20         | 7        | 50.23      | Yes           | 19.98          | -30.25        |
| 4408   | 11/19/2021 | 20         | 8        | 50.23      | Yes           | 19.98          | -30.25        |
| 4409   | 11/19/2021 | 20         | 9        | 50.13      | Yes           | 19.98          | -30.15        |
| 4410   | 11/19/2021 | 20         | 10       | 49.80      | Yes           | 19.98          | -29.82        |
| 4411   | 11/19/2021 | 20         | 11       | 49.77      | Yes           | 19.98          | -29.79        |
| 4412   | 11/19/2021 | 20         | 12       | 49.31      | Yes           | 19.98          | -29.33        |
| 4413   | 11/19/2021 | 21         | 1        | 52.51      | Yes           | 19.98          | -32.53        |
| 4414   | 11/19/2021 | 21         | 2        | 52.89      | Yes           | 19.98          | -32.91        |
| 4415   | 11/19/2021 | 21         | 3        | 56.32      | Yes           | 19.98          | -36.34        |
| 4416   | 11/19/2021 | 21         | 4        | 52.57      | Yes           | 19.98          | -32.59        |
| 4417   | 11/19/2021 | 21         | 5        | 51.75      | Yes           | 19.98          | -31.77        |
| 4418   | 11/19/2021 | 21         | 6        | 52.47      | Yes           | 19.98          | -32.49        |
| 4419   | 11/19/2021 | 21         | 7        | 51.09      | Yes           | 19.98          | -31.11        |
| 4420   | 11/19/2021 | 21         | 8        | 47.53      | Yes           | 19.98          | -27.55        |
| 4421   | 11/19/2021 | 21         | 9        | 47.51      | Yes           | 19.98          | -27.53        |
| 4422   | 11/19/2021 | 21         | 10       | 47.26      | Yes           | 19.98          | -27.28        |
| 4423   | 11/19/2021 | 21         | 11       | 47.35      | Yes           | 19.98          | -27.37        |
| 4424   | 11/19/2021 | 21         | 12       | 49.27      | Yes           | 19.98          | -29.29        |
| 4425   | 11/19/2021 | 22         | 1        | 50.40      | Yes           | 19.98          | -30.42        |
| 4426   | 11/19/2021 | 22         | 2        | 50.45      | Yes           | 19.98          | -30.47        |
| 4427   | 11/19/2021 | 22         | 3        | 50.53      | Yes           | 19.98          | -30.55        |
| 4428   | 11/19/2021 | 22         | 4        | 49.97      | Yes           | 19.98          | -29.99        |
| 4429   | 11/19/2021 | 22         | 5        | 49.97      | Yes           | 19.98          | -29.99        |
| 4430   | 11/19/2021 | 22         | 6        | 49.23      | Yes           | 19.98          | -29.25        |
| 4431   | 11/19/2021 | 22         | 7        | 48.96      | Yes           | 19.98          | -28.98        |
| 4432   | 11/19/2021 | 22         | 8        | 47.99      | Yes           | 19.98          | -28.01        |
| 4433   | 11/19/2021 | 22         | 9        | 47.63      | Yes           | 19.98          | -27.65        |
| 4434   | 11/19/2021 | 22         | 10       | 47.47      | Yes           | 19.98          | -27.49        |
| 4435   | 11/19/2021 | 22         | 11       | 46.82      | Yes           | 19.98          | -26.84        |
| 4436   | 11/19/2021 | 22         | 12       | 46.65      | Yes           | 19.98          | -26.67        |
| 4437   | 11/19/2021 | 23         | 1        | 48.95      | Yes           | 19.98          | -28.97        |
| 4438   | 11/19/2021 | 23         | 2        | 50.88      | Yes           | 19.98          | -30.90        |
| 4439   | 11/19/2021 | 23         | 3        | 52.13      | Yes           | 19.98          | -32.15        |
| 4440   | 11/19/2021 | 23         | 4        | 48.31      | Yes           | 19.98          | -28.33        |
| 4441   | 11/19/2021 | 23         | 5        | 48.13      | Yes           | 19.98          | -28.15        |
| 4442   | 11/19/2021 | 23         | 6        | 47.58      | Yes           | 19.98          | -27.60        |

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| 4443   | 11/19/2021 | 23         | 7        | 47.32      | Yes           | 19.98          | -27.34        |
| 4444   | 11/19/2021 | 23         | 8        | 47.50      | Yes           | 19.98          | -27.52        |
| 4445   | 11/19/2021 | 23         | 9        | 47.32      | Yes           | 19.98          | -27.34        |
| 4446   | 11/19/2021 | 23         | 10       | 45.24      | Yes           | 19.98          | -25.26        |
| 4447   | 11/19/2021 | 23         | 11       | 43.32      | Yes           | 19.98          | -23.34        |
| 4448   | 11/19/2021 | 23         | 12       | 42.76      | Yes           | 19.98          | -22.78        |
| 4449   | 11/19/2021 | 24         | 1        | 44.39      | Yes           | 19.98          | -24.41        |
| 4450   | 11/19/2021 | 24         | 2        | 43.23      | Yes           | 19.98          | -23.25        |
| 4451   | 11/19/2021 | 24         | 3        | 42.29      | Yes           | 19.98          | -22.31        |
| 4452   | 11/19/2021 | 24         | 4        | 41.41      | Yes           | 19.98          | -21.43        |
| 4453   | 11/19/2021 | 24         | 5        | 40.03      | Yes           | 19.98          | -20.05        |
| 4454   | 11/19/2021 | 24         | 6        | 39.51      | Yes           | 19.98          | -19.53        |
| 4455   | 11/19/2021 | 24         | 7        | 39.43      | Yes           | 19.98          | -19.45        |
| 4456   | 11/19/2021 | 24         | 8        | 39.41      | Yes           | 19.98          | -19.43        |
| 4457   | 11/19/2021 | 24         | 9        | 38.80      | Yes           | 19.98          | -18.82        |
| 4458   | 11/19/2021 | 24         | 10       | 38.25      | Yes           | 19.98          | -18.27        |
| 4459   | 11/19/2021 | 24         | 11       | 37.73      | Yes           | 19.98          | -17.75        |
| 4460   | 11/19/2021 | 24         | 12       | 38.14      | Yes           | 19.98          | -18.16        |
| 4461   | 11/20/2021 | 1          | 1        | 40.00      | Yes           | 19.45          | -20.55        |
| 4462   | 11/20/2021 | 1          | 2        | 40.77      | Yes           | 19.45          | -21.32        |
| 4463   | 11/20/2021 | 1          | 3        | 40.21      | Yes           | 19.45          | -20.76        |
| 4464   | 11/20/2021 | 1          | 4        | 40.05      | Yes           | 19.45          | -20.60        |
| 4465   | 11/20/2021 | 1          | 5        | 39.76      | Yes           | 19.45          | -20.31        |
| 4466   | 11/20/2021 | 1          | 6        | 39.15      | Yes           | 19.45          | -19.70        |
| 4467   | 11/20/2021 | 1          | 7        | 41.06      | Yes           | 19.45          | -21.61        |
| 4468   | 11/20/2021 | 1          | 8        | 41.08      | Yes           | 19.45          | -21.63        |
| 4469   | 11/20/2021 | 1          | 9        | 40.86      | Yes           | 19.45          | -21.41        |
| 4470   | 11/20/2021 | 1          | 10       | 40.23      | Yes           | 19.45          | -20.78        |
| 4471   | 11/20/2021 | 1          | 11       | 38.90      | Yes           | 19.45          | -19.45        |
| 4472   | 11/20/2021 | 1          | 12       | 37.60      | Yes           | 19.45          | -18.15        |
| 4473   | 11/20/2021 | 2          | 1        | 44.62      | Yes           | 19.45          | -25.17        |
| 4474   | 11/20/2021 | 2          | 2        | 42.48      | Yes           | 19.45          | -23.03        |
| 4475   | 11/20/2021 | 2          | 3        | 42.49      | Yes           | 19.45          | -23.04        |
| 4476   | 11/20/2021 | 2          | 4        | 41.91      | Yes           | 19.45          | -22.46        |
| 4477   | 11/20/2021 | 2          | 5        | 42.34      | Yes           | 19.45          | -22.89        |
| 4478   | 11/20/2021 | 2          | 6        | 41.92      | Yes           | 19.45          | -22.47        |
| 4479   | 11/20/2021 | 2          | 7        | 42.34      | Yes           | 19.45          | -22.89        |
| 4480   | 11/20/2021 | 2          | 8        | 42.64      | Yes           | 19.45          | -23.19        |

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| 4481   | 11/20/2021 | 2          | 9        | 42.35      | Yes           | 19.45          | -22.90        |
| 4482   | 11/20/2021 | 2          | 10       | 42.30      | Yes           | 19.45          | -22.85        |
| 4483   | 11/20/2021 | 2          | 11       | 42.33      | Yes           | 19.45          | -22.88        |
| 4484   | 11/20/2021 | 2          | 12       | 42.30      | Yes           | 19.45          | -22.85        |
| 4485   | 11/20/2021 | 3          | 1        | 41.30      | Yes           | 19.45          | -21.85        |
| 4486   | 11/20/2021 | 3          | 2        | 41.30      | Yes           | 19.45          | -21.85        |
| 4487   | 11/20/2021 | 3          | 3        | 41.32      | Yes           | 19.45          | -21.87        |
| 4488   | 11/20/2021 | 3          | 4        | 41.64      | Yes           | 19.45          | -22.19        |
| 4489   | 11/20/2021 | 3          | 5        | 42.32      | Yes           | 19.45          | -22.87        |
| 4490   | 11/20/2021 | 3          | 6        | 41.68      | Yes           | 19.45          | -22.23        |
| 4491   | 11/20/2021 | 3          | 7        | 42.17      | Yes           | 19.45          | -22.72        |
| 4492   | 11/20/2021 | 3          | 8        | 43.62      | Yes           | 19.45          | -24.17        |
| 4493   | 11/20/2021 | 3          | 9        | 42.95      | Yes           | 19.45          | -23.50        |
| 4494   | 11/20/2021 | 3          | 10       | 43.72      | Yes           | 19.45          | -24.27        |
| 4495   | 11/20/2021 | 3          | 11       | 43.72      | Yes           | 19.45          | -24.27        |
| 4496   | 11/20/2021 | 3          | 12       | 43.59      | Yes           | 19.45          | -24.14        |
| 4497   | 11/20/2021 | 4          | 1        | 44.42      | Yes           | 19.45          | -24.97        |
| 4498   | 11/20/2021 | 4          | 2        | 44.56      | Yes           | 19.45          | -25.11        |
| 4499   | 11/20/2021 | 4          | 3        | 43.92      | Yes           | 19.45          | -24.47        |
| 4500   | 11/20/2021 | 4          | 4        | 44.32      | Yes           | 19.45          | -24.87        |
| 4501   | 11/20/2021 | 4          | 5        | 44.33      | Yes           | 19.45          | -24.88        |
| 4502   | 11/20/2021 | 4          | 6        | 44.32      | Yes           | 19.45          | -24.87        |
| 4503   | 11/20/2021 | 4          | 7        | 44.19      | Yes           | 19.45          | -24.74        |
| 4504   | 11/20/2021 | 4          | 8        | 44.87      | Yes           | 19.45          | -25.42        |
| 4505   | 11/20/2021 | 4          | 9        | 44.98      | Yes           | 19.45          | -25.53        |
| 4506   | 11/20/2021 | 4          | 10       | 45.48      | Yes           | 19.45          | -26.03        |
| 4507   | 11/20/2021 | 4          | 11       | 45.48      | Yes           | 19.45          | -26.03        |
| 4508   | 11/20/2021 | 4          | 12       | 46.18      | Yes           | 19.45          | -26.73        |
| 4509   | 11/20/2021 | 5          | 1        | 47.59      | Yes           | 19.45          | -28.14        |
| 4510   | 11/20/2021 | 5          | 2        | 48.74      | Yes           | 19.45          | -29.29        |
| 4511   | 11/20/2021 | 5          | 3        | 49.93      | Yes           | 19.45          | -30.48        |
| 4512   | 11/20/2021 | 5          | 4        | 50.02      | Yes           | 19.45          | -30.57        |
| 4513   | 11/20/2021 | 5          | 5        | 49.38      | Yes           | 19.45          | -29.93        |
| 4514   | 11/20/2021 | 5          | 6        | 49.38      | Yes           | 19.45          | -29.93        |
| 4515   | 11/20/2021 | 5          | 7        | 50.29      | Yes           | 19.45          | -30.84        |
| 4516   | 11/20/2021 | 5          | 8        | 50.07      | Yes           | 19.45          | -30.62        |
| 4517   | 11/20/2021 | 5          | 9        | 51.17      | Yes           | 19.45          | -31.72        |
| 4518   | 11/20/2021 | 5          | 10       | 51.40      | Yes           | 19.45          | -31.95        |

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| 4519   | 11/20/2021 | 5          | 11       | 50.09      | Yes           | 19.45          | -30.64        |
| 4520   | 11/20/2021 | 5          | 12       | 49.09      | Yes           | 19.45          | -29.64        |
| 4521   | 11/20/2021 | 6          | 1        | 41.99      | Yes           | 19.45          | -22.54        |
| 4522   | 11/20/2021 | 6          | 2        | 41.87      | Yes           | 19.45          | -22.42        |
| 4523   | 11/20/2021 | 6          | 3        | 41.87      | Yes           | 19.45          | -22.42        |
| 4524   | 11/20/2021 | 6          | 4        | 42.18      | Yes           | 19.45          | -22.73        |
| 4525   | 11/20/2021 | 6          | 5        | 43.31      | Yes           | 19.45          | -23.86        |
| 4526   | 11/20/2021 | 6          | 6        | 44.01      | Yes           | 19.45          | -24.56        |
| 4527   | 11/20/2021 | 6          | 7        | 45.56      | Yes           | 19.45          | -26.11        |
| 4528   | 11/20/2021 | 6          | 8        | 45.56      | Yes           | 19.45          | -26.11        |
| 4529   | 11/20/2021 | 6          | 9        | 46.09      | Yes           | 19.45          | -26.64        |
| 4530   | 11/20/2021 | 6          | 10       | 46.53      | Yes           | 19.45          | -27.08        |
| 4531   | 11/20/2021 | 6          | 11       | 46.53      | Yes           | 19.45          | -27.08        |
| 4532   | 11/20/2021 | 6          | 12       | 46.41      | Yes           | 19.45          | -26.96        |
| 4533   | 11/20/2021 | 7          | 1        | 48.76      | Yes           | 19.45          | -29.31        |
| 4534   | 11/20/2021 | 7          | 2        | 48.60      | Yes           | 19.45          | -29.15        |
| 4535   | 11/20/2021 | 7          | 3        | 48.00      | Yes           | 19.45          | -28.55        |
| 4536   | 11/20/2021 | 7          | 4        | 48.75      | Yes           | 19.45          | -29.30        |
| 4537   | 11/20/2021 | 7          | 5        | 48.75      | Yes           | 19.45          | -29.30        |
| 4538   | 11/20/2021 | 7          | 6        | 48.75      | Yes           | 19.45          | -29.30        |
| 4539   | 11/20/2021 | 7          | 7        | 51.07      | Yes           | 19.45          | -31.62        |
| 4540   | 11/20/2021 | 7          | 8        | 50.26      | Yes           | 19.45          | -30.81        |
| 4541   | 11/20/2021 | 7          | 9        | 49.84      | Yes           | 19.45          | -30.39        |
| 4542   | 11/20/2021 | 7          | 10       | 50.40      | Yes           | 19.45          | -30.95        |
| 4543   | 11/20/2021 | 7          | 11       | 51.83      | Yes           | 19.45          | -32.38        |
| 4544   | 11/20/2021 | 7          | 12       | 55.71      | Yes           | 19.45          | -36.26        |
| 4545   | 11/20/2021 | 8          | 1        | 74.07      | Yes           | 19.45          | -54.62        |
| 4546   | 11/20/2021 | 8          | 2        | 78.58      | Yes           | 19.45          | -59.13        |
| 4547   | 11/20/2021 | 8          | 3        | 76.16      | Yes           | 19.45          | -56.71        |
| 4548   | 11/20/2021 | 8          | 4        | 73.54      | Yes           | 19.45          | -54.09        |
| 4549   | 11/20/2021 | 8          | 5        | 59.54      | Yes           | 19.45          | -40.09        |
| 4550   | 11/20/2021 | 8          | 6        | 54.73      | Yes           | 19.45          | -35.28        |
| 4551   | 11/20/2021 | 8          | 7        | 54.67      | Yes           | 19.45          | -35.22        |
| 4552   | 11/20/2021 | 8          | 8        | 53.25      | Yes           | 19.45          | -33.80        |
| 4553   | 11/20/2021 | 8          | 9        | 51.43      | Yes           | 19.45          | -31.98        |
| 4554   | 11/20/2021 | 8          | 10       | 46.98      | Yes           | 19.45          | -27.53        |
| 4555   | 11/20/2021 | 8          | 11       | 46.90      | Yes           | 19.45          | -27.45        |
| 4556   | 11/20/2021 | 8          | 12       | 43.35      | Yes           | 19.45          | -23.90        |

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| 4557   | 11/20/2021 | 9          | 1        | 47.31      | Yes           | 19.45          | -27.86        |
| 4558   | 11/20/2021 | 9          | 2        | 46.59      | Yes           | 19.45          | -27.14        |
| 4559   | 11/20/2021 | 9          | 3        | 44.46      | Yes           | 19.45          | -25.01        |
| 4560   | 11/20/2021 | 9          | 4        | 41.64      | Yes           | 19.45          | -22.19        |
| 4561   | 11/20/2021 | 9          | 5        | 42.64      | Yes           | 19.45          | -23.19        |
| 4562   | 11/20/2021 | 9          | 6        | 39.33      | Yes           | 19.45          | -19.88        |
| 4563   | 11/20/2021 | 9          | 7        | 34.20      | Yes           | 19.45          | -14.75        |
| 4564   | 11/20/2021 | 9          | 8        | 34.20      | Yes           | 19.45          | -14.75        |
| 4565   | 11/20/2021 | 9          | 9        | 33.26      | Yes           | 19.45          | -13.81        |
| 4566   | 11/20/2021 | 9          | 10       | 33.99      | Yes           | 19.45          | -14.54        |
| 4567   | 11/20/2021 | 9          | 11       | 26.39      | Yes           | 19.45          | -6.94         |
| 4568   | 11/20/2021 | 9          | 12       | 24.91      | Yes           | 19.45          | -5.46         |
| 4569   | 11/20/2021 | 10         | 1        | 39.85      | Yes           | 19.45          | -20.40        |
| 4570   | 11/20/2021 | 10         | 2        | 38.66      | Yes           | 19.45          | -19.21        |
| 4571   | 11/20/2021 | 10         | 3        | 38.65      | Yes           | 19.45          | -19.20        |
| 4572   | 11/20/2021 | 10         | 4        | 38.37      | Yes           | 19.45          | -18.92        |
| 4573   | 11/20/2021 | 10         | 5        | 36.74      | Yes           | 19.45          | -17.29        |
| 4574   | 11/20/2021 | 10         | 6        | 33.32      | Yes           | 19.45          | -13.87        |
| 4575   | 11/20/2021 | 10         | 7        | 29.57      | Yes           | 19.45          | -10.12        |
| 4576   | 11/20/2021 | 10         | 8        | 21.06      | Yes           | 19.45          | -1.61         |
| 4577   | 11/20/2021 | 10         | 9        | 18.85      | Yes           | 19.45          | 0.60          |
| 4578   | 11/20/2021 | 10         | 10       | 0.00       | Yes           | 19.45          | 19.45         |
| 4579   | 11/20/2021 | 10         | 11       | 0.00       | Yes           | 19.45          | 19.45         |
| 4580   | 11/20/2021 | 10         | 12       | -0.01      | Yes           | 19.45          | 19.46         |
| 4581   | 11/20/2021 | 11         | 1        | 17.73      | Yes           | 19.45          | 1.72          |
| 4582   | 11/20/2021 | 11         | 2        | 4.45       | Yes           | 19.45          | 15.00         |
| 4583   | 11/20/2021 | 11         | 3        | 3.32       | Yes           | 19.45          | 16.13         |
| 4584   | 11/20/2021 | 11         | 4        | 0.00       | Yes           | 19.45          | 19.45         |
| 4585   | 11/20/2021 | 11         | 5        | 0.00       | Yes           | 19.45          | 19.45         |
| 4586   | 11/20/2021 | 11         | 6        | 0.00       | Yes           | 19.45          | 19.45         |
| 4587   | 11/20/2021 | 11         | 7        | 0.00       | Yes           | 19.45          | 19.45         |
| 4588   | 11/20/2021 | 11         | 8        | 0.00       | Yes           | 19.45          | 19.45         |
| 4589   | 11/20/2021 | 11         | 9        | -0.01      | Yes           | 19.45          | 19.46         |
| 4590   | 11/20/2021 | 11         | 10       | 28.58      | Yes           | 19.45          | -9.13         |
| 4591   | 11/20/2021 | 11         | 11       | 24.95      | Yes           | 19.45          | -5.50         |
| 4592   | 11/20/2021 | 11         | 12       | 13.80      | Yes           | 19.45          | 5.65          |
| 4593   | 11/20/2021 | 12         | 1        | 26.27      | Yes           | 19.45          | -6.82         |
| 4594   | 11/20/2021 | 12         | 2        | 26.50      | Yes           | 19.45          | -7.05         |

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| 4595   | 11/20/2021 | 12         | 3        | 21.55      | Yes           | 19.45          | -2.10         |
| 4596   | 11/20/2021 | 12         | 4        | 12.69      | Yes           | 19.45          | 6.76          |
| 4597   | 11/20/2021 | 12         | 5        | 0.00       | Yes           | 19.45          | 19.45         |
| 4598   | 11/20/2021 | 12         | 6        | 14.99      | Yes           | 19.45          | 4.46          |
| 4599   | 11/20/2021 | 12         | 7        | 18.17      | Yes           | 19.45          | 1.28          |
| 4600   | 11/20/2021 | 12         | 8        | 15.99      | Yes           | 19.45          | 3.46          |
| 4601   | 11/20/2021 | 12         | 9        | 13.00      | Yes           | 19.45          | 6.45          |
| 4602   | 11/20/2021 | 12         | 10       | 0.00       | Yes           | 19.45          | 19.45         |
| 4603   | 11/20/2021 | 12         | 11       | 0.00       | Yes           | 19.45          | 19.45         |
| 4604   | 11/20/2021 | 12         | 12       | -0.01      | Yes           | 19.45          | 19.46         |
| 4605   | 11/20/2021 | 13         | 1        | 16.37      | Yes           | 19.45          | 3.08          |
| 4606   | 11/20/2021 | 13         | 2        | 15.04      | Yes           | 19.45          | 4.41          |
| 4607   | 11/20/2021 | 13         | 3        | 6.78       | Yes           | 19.45          | 12.67         |
| 4608   | 11/20/2021 | 13         | 4        | 22.56      | Yes           | 19.45          | -3.11         |
| 4609   | 11/20/2021 | 13         | 5        | 17.78      | Yes           | 19.45          | 1.67          |
| 4610   | 11/20/2021 | 13         | 6        | 17.60      | Yes           | 19.45          | 1.85          |
| 4611   | 11/20/2021 | 13         | 7        | 19.56      | Yes           | 19.45          | -0.11         |
| 4612   | 11/20/2021 | 13         | 8        | 5.45       | Yes           | 19.45          | 14.00         |
| 4613   | 11/20/2021 | 13         | 9        | 0.00       | Yes           | 19.45          | 19.45         |
| 4614   | 11/20/2021 | 13         | 10       | 6.94       | Yes           | 19.45          | 12.51         |
| 4615   | 11/20/2021 | 13         | 11       | 0.00       | Yes           | 19.45          | 19.45         |
| 4616   | 11/20/2021 | 13         | 12       | 0.00       | Yes           | 19.45          | 19.45         |
| 4617   | 11/20/2021 | 14         | 1        | 19.13      | Yes           | 19.45          | 0.32          |
| 4618   | 11/20/2021 | 14         | 2        | 2.91       | Yes           | 19.45          | 16.54         |
| 4619   | 11/20/2021 | 14         | 3        | 11.73      | Yes           | 19.45          | 7.72          |
| 4620   | 11/20/2021 | 14         | 4        | 19.13      | Yes           | 19.45          | 0.32          |
| 4621   | 11/20/2021 | 14         | 5        | 19.53      | Yes           | 19.45          | -0.08         |
| 4622   | 11/20/2021 | 14         | 6        | 20.52      | Yes           | 19.45          | -1.07         |
| 4623   | 11/20/2021 | 14         | 7        | 23.25      | Yes           | 19.45          | -3.80         |
| 4624   | 11/20/2021 | 14         | 8        | 29.42      | Yes           | 19.45          | -9.97         |
| 4625   | 11/20/2021 | 14         | 9        | 29.62      | Yes           | 19.45          | -10.17        |
| 4626   | 11/20/2021 | 14         | 10       | 31.88      | Yes           | 19.45          | -12.43        |
| 4627   | 11/20/2021 | 14         | 11       | 35.40      | Yes           | 19.45          | -15.95        |
| 4628   | 11/20/2021 | 14         | 12       | 34.47      | Yes           | 19.45          | -15.02        |
| 4629   | 11/20/2021 | 15         | 1        | 32.57      | Yes           | 19.45          | -13.12        |
| 4630   | 11/20/2021 | 15         | 2        | 32.57      | Yes           | 19.45          | -13.12        |
| 4631   | 11/20/2021 | 15         | 3        | 28.60      | Yes           | 19.45          | -9.15         |
| 4632   | 11/20/2021 | 15         | 4        | 29.75      | Yes           | 19.45          | -10.30        |

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| 4633   | 11/20/2021 | 15         | 5        | 38.97      | Yes           | 19.45          | -19.52        |
| 4634   | 11/20/2021 | 15         | 6        | 43.66      | Yes           | 19.45          | -24.21        |
| 4635   | 11/20/2021 | 15         | 7        | 44.33      | Yes           | 19.45          | -24.88        |
| 4636   | 11/20/2021 | 15         | 8        | 45.37      | Yes           | 19.45          | -25.92        |
| 4637   | 11/20/2021 | 15         | 9        | 46.96      | Yes           | 19.45          | -27.51        |
| 4638   | 11/20/2021 | 15         | 10       | 47.62      | Yes           | 19.45          | -28.17        |
| 4639   | 11/20/2021 | 15         | 11       | 47.72      | Yes           | 19.45          | -28.27        |
| 4640   | 11/20/2021 | 15         | 12       | 47.62      | Yes           | 19.45          | -28.17        |
| 4641   | 11/20/2021 | 16         | 1        | 36.39      | Yes           | 19.45          | -16.94        |
| 4642   | 11/20/2021 | 16         | 2        | 32.40      | Yes           | 19.45          | -12.95        |
| 4643   | 11/20/2021 | 16         | 3        | 34.61      | Yes           | 19.45          | -15.16        |
| 4644   | 11/20/2021 | 16         | 4        | 36.20      | Yes           | 19.45          | -16.75        |
| 4645   | 11/20/2021 | 16         | 5        | 42.29      | Yes           | 19.45          | -22.84        |
| 4646   | 11/20/2021 | 16         | 6        | 52.72      | Yes           | 19.45          | -33.27        |
| 4647   | 11/20/2021 | 16         | 7        | 54.13      | Yes           | 19.45          | -34.68        |
| 4648   | 11/20/2021 | 16         | 8        | 55.61      | Yes           | 19.45          | -36.16        |
| 4649   | 11/20/2021 | 16         | 9        | 59.53      | Yes           | 19.45          | -40.08        |
| 4650   | 11/20/2021 | 16         | 10       | 63.16      | Yes           | 19.45          | -43.71        |
| 4651   | 11/20/2021 | 16         | 11       | 69.23      | Yes           | 19.45          | -49.78        |
| 4652   | 11/20/2021 | 16         | 12       | 69.23      | Yes           | 19.45          | -49.78        |
| 4653   | 11/20/2021 | 17         | 1        | 45.87      | Yes           | 19.45          | -26.42        |
| 4654   | 11/20/2021 | 17         | 2        | 45.87      | Yes           | 19.45          | -26.42        |
| 4655   | 11/20/2021 | 17         | 3        | 46.12      | Yes           | 19.45          | -26.67        |
| 4656   | 11/20/2021 | 17         | 4        | 46.97      | Yes           | 19.45          | -27.52        |
| 4657   | 11/20/2021 | 17         | 5        | 49.23      | Yes           | 19.45          | -29.78        |
| 4658   | 11/20/2021 | 17         | 6        | 50.94      | Yes           | 19.45          | -31.49        |
| 4659   | 11/20/2021 | 17         | 7        | 52.46      | Yes           | 19.45          | -33.01        |
| 4660   | 11/20/2021 | 17         | 8        | 58.28      | Yes           | 19.45          | -38.83        |
| 4661   | 11/20/2021 | 17         | 9        | 63.49      | Yes           | 19.45          | -44.04        |
| 4662   | 11/20/2021 | 17         | 10       | 64.89      | Yes           | 19.45          | -45.44        |
| 4663   | 11/20/2021 | 17         | 11       | 77.92      | Yes           | 19.45          | -58.47        |
| 4664   | 11/20/2021 | 17         | 12       | 69.55      | Yes           | 19.45          | -50.10        |
| 4665   | 11/20/2021 | 18         | 1        | 54.20      | Yes           | 19.45          | -34.75        |
| 4666   | 11/20/2021 | 18         | 2        | 49.73      | Yes           | 19.45          | -30.28        |
| 4667   | 11/20/2021 | 18         | 3        | 49.16      | Yes           | 19.45          | -29.71        |
| 4668   | 11/20/2021 | 18         | 4        | 50.03      | Yes           | 19.45          | -30.58        |
| 4669   | 11/20/2021 | 18         | 5        | 50.93      | Yes           | 19.45          | -31.48        |
| 4670   | 11/20/2021 | 18         | 6        | 53.36      | Yes           | 19.45          | -33.91        |



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| 4671   | 11/20/2021 | 18         | 7        | 54.71      | Yes           | 19.45          | -35.26        |
| 4672   | 11/20/2021 | 18         | 8        | 52.16      | Yes           | 19.45          | -32.71        |
| 4673   | 11/20/2021 | 18         | 9        | 52.59      | Yes           | 19.45          | -33.14        |
| 4674   | 11/20/2021 | 18         | 10       | 50.53      | Yes           | 19.45          | -31.08        |
| 4675   | 11/20/2021 | 18         | 11       | 50.30      | Yes           | 19.45          | -30.85        |
| 4676   | 11/20/2021 | 18         | 12       | 49.45      | Yes           | 19.45          | -30.00        |
| 4677   | 11/20/2021 | 19         | 1        | 54.18      | Yes           | 19.45          | -34.73        |
| 4678   | 11/20/2021 | 19         | 2        | 53.30      | Yes           | 19.45          | -33.85        |
| 4679   | 11/20/2021 | 19         | 3        | 51.96      | Yes           | 19.45          | -32.51        |
| 4680   | 11/20/2021 | 19         | 4        | 51.70      | Yes           | 19.45          | -32.25        |
| 4681   | 11/20/2021 | 19         | 5        | 51.91      | Yes           | 19.45          | -32.46        |
| 4682   | 11/20/2021 | 19         | 6        | 52.23      | Yes           | 19.45          | -32.78        |
| 4683   | 11/20/2021 | 19         | 7        | 54.01      | Yes           | 19.45          | -34.56        |
| 4684   | 11/20/2021 | 19         | 8        | 54.04      | Yes           | 19.45          | -34.59        |
| 4685   | 11/20/2021 | 19         | 9        | 55.63      | Yes           | 19.45          | -36.18        |
| 4686   | 11/20/2021 | 19         | 10       | 56.41      | Yes           | 19.45          | -36.96        |
| 4687   | 11/20/2021 | 19         | 11       | 56.46      | Yes           | 19.45          | -37.01        |
| 4688   | 11/20/2021 | 19         | 12       | 55.45      | Yes           | 19.45          | -36.00        |
| 4689   | 11/20/2021 | 20         | 1        | 55.50      | Yes           | 19.45          | -36.05        |
| 4690   | 11/20/2021 | 20         | 2        | 56.48      | Yes           | 19.45          | -37.03        |
| 4691   | 11/20/2021 | 20         | 3        | 56.92      | Yes           | 19.45          | -37.47        |
| 4692   | 11/20/2021 | 20         | 4        | 54.94      | Yes           | 19.45          | -35.49        |
| 4693   | 11/20/2021 | 20         | 5        | 55.02      | Yes           | 19.45          | -35.57        |
| 4694   | 11/20/2021 | 20         | 6        | 56.34      | Yes           | 19.45          | -36.89        |
| 4695   | 11/20/2021 | 20         | 7        | 56.85      | Yes           | 19.45          | -37.40        |
| 4696   | 11/20/2021 | 20         | 8        | 57.62      | Yes           | 19.45          | -38.17        |
| 4697   | 11/20/2021 | 20         | 9        | 57.67      | Yes           | 19.45          | -38.22        |
| 4698   | 11/20/2021 | 20         | 10       | 57.04      | Yes           | 19.45          | -37.59        |
| 4699   | 11/20/2021 | 20         | 11       | 57.17      | Yes           | 19.45          | -37.72        |
| 4700   | 11/20/2021 | 20         | 12       | 56.33      | Yes           | 19.45          | -36.88        |
| 4701   | 11/20/2021 | 21         | 1        | 57.76      | Yes           | 19.45          | -38.31        |
| 4702   | 11/20/2021 | 21         | 2        | 58.43      | Yes           | 19.45          | -38.98        |
| 4703   | 11/20/2021 | 21         | 3        | 56.32      | Yes           | 19.45          | -36.87        |
| 4704   | 11/20/2021 | 21         | 4        | 57.15      | Yes           | 19.45          | -37.70        |
| 4705   | 11/20/2021 | 21         | 5        | 57.28      | Yes           | 19.45          | -37.83        |
| 4706   | 11/20/2021 | 21         | 6        | 56.14      | Yes           | 19.45          | -36.69        |
| 4707   | 11/20/2021 | 21         | 7        | 59.66      | Yes           | 19.45          | -40.21        |
| 4708   | 11/20/2021 | 21         | 8        | 59.94      | Yes           | 19.45          | -40.49        |

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| 4709   | 11/20/2021 | 21         | 9        | 59.94      | Yes           | 19.45          | -40.49        |
| 4710   | 11/20/2021 | 21         | 10       | 59.28      | Yes           | 19.45          | -39.83        |
| 4711   | 11/20/2021 | 21         | 11       | 61.76      | Yes           | 19.45          | -42.31        |
| 4712   | 11/20/2021 | 21         | 12       | 62.12      | Yes           | 19.45          | -42.67        |
| 4713   | 11/20/2021 | 22         | 1        | 63.61      | Yes           | 19.45          | -44.16        |
| 4714   | 11/20/2021 | 22         | 2        | 70.55      | Yes           | 19.45          | -51.10        |
| 4715   | 11/20/2021 | 22         | 3        | 66.07      | Yes           | 19.45          | -46.62        |
| 4716   | 11/20/2021 | 22         | 4        | 59.51      | Yes           | 19.45          | -40.06        |
| 4717   | 11/20/2021 | 22         | 5        | 59.41      | Yes           | 19.45          | -39.96        |
| 4718   | 11/20/2021 | 22         | 6        | 60.17      | Yes           | 19.45          | -40.72        |
| 4719   | 11/20/2021 | 22         | 7        | 66.52      | Yes           | 19.45          | -47.07        |
| 4720   | 11/20/2021 | 22         | 8        | 61.40      | Yes           | 19.45          | -41.95        |
| 4721   | 11/20/2021 | 22         | 9        | 58.52      | Yes           | 19.45          | -39.07        |
| 4722   | 11/20/2021 | 22         | 10       | 54.20      | Yes           | 19.45          | -34.75        |
| 4723   | 11/20/2021 | 22         | 11       | 54.75      | Yes           | 19.45          | -35.30        |
| 4724   | 11/20/2021 | 22         | 12       | 57.95      | Yes           | 19.45          | -38.50        |
| 4725   | 11/20/2021 | 23         | 1        | 61.33      | Yes           | 19.45          | -41.88        |
| 4726   | 11/20/2021 | 23         | 2        | 66.61      | Yes           | 19.45          | -47.16        |
| 4727   | 11/20/2021 | 23         | 3        | 60.98      | Yes           | 19.45          | -41.53        |
| 4728   | 11/20/2021 | 23         | 4        | 58.55      | Yes           | 19.45          | -39.10        |
| 4729   | 11/20/2021 | 23         | 5        | 55.93      | Yes           | 19.45          | -36.48        |
| 4730   | 11/20/2021 | 23         | 6        | 53.18      | Yes           | 19.45          | -33.73        |
| 4731   | 11/20/2021 | 23         | 7        | 54.27      | Yes           | 19.45          | -34.82        |
| 4732   | 11/20/2021 | 23         | 8        | 52.79      | Yes           | 19.45          | -33.34        |
| 4733   | 11/20/2021 | 23         | 9        | 50.09      | Yes           | 19.45          | -30.64        |
| 4734   | 11/20/2021 | 23         | 10       | 49.80      | Yes           | 19.45          | -30.35        |
| 4735   | 11/20/2021 | 23         | 11       | 49.90      | Yes           | 19.45          | -30.45        |
| 4736   | 11/20/2021 | 23         | 12       | 51.97      | Yes           | 19.45          | -32.52        |
| 4737   | 11/20/2021 | 24         | 1        | 50.59      | Yes           | 19.45          | -31.14        |
| 4738   | 11/20/2021 | 24         | 2        | 48.04      | Yes           | 19.45          | -28.59        |
| 4739   | 11/20/2021 | 24         | 3        | 47.35      | Yes           | 19.45          | -27.90        |
| 4740   | 11/20/2021 | 24         | 4        | 47.26      | Yes           | 19.45          | -27.81        |
| 4741   | 11/20/2021 | 24         | 5        | 45.97      | Yes           | 19.45          | -26.52        |
| 4742   | 11/20/2021 | 24         | 6        | 45.69      | Yes           | 19.45          | -26.24        |
| 4743   | 11/20/2021 | 24         | 7        | 44.88      | Yes           | 19.45          | -25.43        |
| 4744   | 11/20/2021 | 24         | 8        | 44.39      | Yes           | 19.45          | -24.94        |
| 4745   | 11/20/2021 | 24         | 9        | 43.96      | Yes           | 19.45          | -24.51        |
| 4746   | 11/20/2021 | 24         | 10       | 44.53      | Yes           | 19.45          | -25.08        |

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| 4747   | 11/20/2021 | 24         | 11       | 44.53      | Yes           | 19.45          | -25.08        |
| 4748   | 11/20/2021 | 24         | 12       | 48.27      | Yes           | 19.45          | -28.82        |
| 4749   | 11/21/2021 | 1          | 1        | 48.06      | Yes           | 19.45          | -28.61        |
| 4750   | 11/21/2021 | 1          | 2        | 59.85      | Yes           | 19.45          | -40.40        |
| 4751   | 11/21/2021 | 1          | 3        | 58.74      | Yes           | 19.45          | -39.29        |
| 4752   | 11/21/2021 | 1          | 4        | 57.94      | Yes           | 19.45          | -38.49        |
| 4753   | 11/21/2021 | 1          | 5        | 58.00      | Yes           | 19.45          | -38.55        |
| 4754   | 11/21/2021 | 1          | 6        | 58.07      | Yes           | 19.45          | -38.62        |
| 4755   | 11/21/2021 | 1          | 7        | 48.87      | Yes           | 19.45          | -29.42        |
| 4756   | 11/21/2021 | 1          | 8        | 48.88      | Yes           | 19.45          | -29.43        |
| 4757   | 11/21/2021 | 1          | 9        | 50.30      | Yes           | 19.45          | -30.85        |
| 4758   | 11/21/2021 | 1          | 10       | 47.44      | Yes           | 19.45          | -27.99        |
| 4759   | 11/21/2021 | 1          | 11       | 47.44      | Yes           | 19.45          | -27.99        |
| 4760   | 11/21/2021 | 1          | 12       | 48.40      | Yes           | 19.45          | -28.95        |
| 4761   | 11/21/2021 | 2          | 1        | 54.58      | Yes           | 19.45          | -35.13        |
| 4762   | 11/21/2021 | 2          | 2        | 48.72      | Yes           | 19.45          | -29.27        |
| 4763   | 11/21/2021 | 2          | 3        | 52.13      | Yes           | 19.45          | -32.68        |
| 4764   | 11/21/2021 | 2          | 4        | 50.58      | Yes           | 19.45          | -31.13        |
| 4765   | 11/21/2021 | 2          | 5        | 49.94      | Yes           | 19.45          | -30.49        |
| 4766   | 11/21/2021 | 2          | 6        | 49.41      | Yes           | 19.45          | -29.96        |
| 4767   | 11/21/2021 | 2          | 7        | 48.25      | Yes           | 19.45          | -28.80        |
| 4768   | 11/21/2021 | 2          | 8        | 48.36      | Yes           | 19.45          | -28.91        |
| 4769   | 11/21/2021 | 2          | 9        | 48.80      | Yes           | 19.45          | -29.35        |
| 4770   | 11/21/2021 | 2          | 10       | 47.77      | Yes           | 19.45          | -28.32        |
| 4771   | 11/21/2021 | 2          | 11       | 47.71      | Yes           | 19.45          | -28.26        |
| 4772   | 11/21/2021 | 2          | 12       | 47.68      | Yes           | 19.45          | -28.23        |
| 4773   | 11/21/2021 | 3          | 1        | 47.35      | Yes           | 19.45          | -27.90        |
| 4774   | 11/21/2021 | 3          | 2        | 45.43      | Yes           | 19.45          | -25.98        |
| 4775   | 11/21/2021 | 3          | 3        | 45.44      | Yes           | 19.45          | -25.99        |
| 4776   | 11/21/2021 | 3          | 4        | 45.45      | Yes           | 19.45          | -26.00        |
| 4777   | 11/21/2021 | 3          | 5        | 45.45      | Yes           | 19.45          | -26.00        |
| 4778   | 11/21/2021 | 3          | 6        | 45.52      | Yes           | 19.45          | -26.07        |
| 4779   | 11/21/2021 | 3          | 7        | 45.03      | Yes           | 19.45          | -25.58        |
| 4780   | 11/21/2021 | 3          | 8        | 45.16      | Yes           | 19.45          | -25.71        |
| 4781   | 11/21/2021 | 3          | 9        | 45.03      | Yes           | 19.45          | -25.58        |
| 4782   | 11/21/2021 | 3          | 10       | 45.13      | Yes           | 19.45          | -25.68        |
| 4783   | 11/21/2021 | 3          | 11       | 46.06      | Yes           | 19.45          | -26.61        |
| 4784   | 11/21/2021 | 3          | 12       | 47.23      | Yes           | 19.45          | -27.78        |

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| 4785   | 11/21/2021 | 4          | 1        | 46.28      | Yes           | 19.45          | -26.83        |
| 4786   | 11/21/2021 | 4          | 2        | 46.28      | Yes           | 19.45          | -26.83        |
| 4787   | 11/21/2021 | 4          | 3        | 45.64      | Yes           | 19.45          | -26.19        |
| 4788   | 11/21/2021 | 4          | 4        | 45.52      | Yes           | 19.45          | -26.07        |
| 4789   | 11/21/2021 | 4          | 5        | 46.09      | Yes           | 19.45          | -26.64        |
| 4790   | 11/21/2021 | 4          | 6        | 45.82      | Yes           | 19.45          | -26.37        |
| 4791   | 11/21/2021 | 4          | 7        | 45.51      | Yes           | 19.45          | -26.06        |
| 4792   | 11/21/2021 | 4          | 8        | 45.70      | Yes           | 19.45          | -26.25        |
| 4793   | 11/21/2021 | 4          | 9        | 46.87      | Yes           | 19.45          | -27.42        |
| 4794   | 11/21/2021 | 4          | 10       | 47.42      | Yes           | 19.45          | -27.97        |
| 4795   | 11/21/2021 | 4          | 11       | 49.47      | Yes           | 19.45          | -30.02        |
| 4796   | 11/21/2021 | 4          | 12       | 48.96      | Yes           | 19.45          | -29.51        |
| 4797   | 11/21/2021 | 5          | 1        | 48.44      | Yes           | 19.45          | -28.99        |
| 4798   | 11/21/2021 | 5          | 2        | 47.31      | Yes           | 19.45          | -27.86        |
| 4799   | 11/21/2021 | 5          | 3        | 47.86      | Yes           | 19.45          | -28.41        |
| 4800   | 11/21/2021 | 5          | 4        | 48.40      | Yes           | 19.45          | -28.95        |
| 4801   | 11/21/2021 | 5          | 5        | 50.19      | Yes           | 19.45          | -30.74        |
| 4802   | 11/21/2021 | 5          | 6        | 50.28      | Yes           | 19.45          | -30.83        |
| 4803   | 11/21/2021 | 5          | 7        | 51.76      | Yes           | 19.45          | -32.31        |
| 4804   | 11/21/2021 | 5          | 8        | 50.67      | Yes           | 19.45          | -31.22        |
| 4805   | 11/21/2021 | 5          | 9        | 49.53      | Yes           | 19.45          | -30.08        |
| 4806   | 11/21/2021 | 5          | 10       | 50.32      | Yes           | 19.45          | -30.87        |
| 4807   | 11/21/2021 | 5          | 11       | 50.59      | Yes           | 19.45          | -31.14        |
| 4808   | 11/21/2021 | 5          | 12       | 51.69      | Yes           | 19.45          | -32.24        |
| 4809   | 11/21/2021 | 6          | 1        | 54.11      | Yes           | 19.45          | -34.66        |
| 4810   | 11/21/2021 | 6          | 2        | 52.54      | Yes           | 19.45          | -33.09        |
| 4811   | 11/21/2021 | 6          | 3        | 54.52      | Yes           | 19.45          | -35.07        |
| 4812   | 11/21/2021 | 6          | 4        | 56.21      | Yes           | 19.45          | -36.76        |
| 4813   | 11/21/2021 | 6          | 5        | 56.21      | Yes           | 19.45          | -36.76        |
| 4814   | 11/21/2021 | 6          | 6        | 57.40      | Yes           | 19.45          | -37.95        |
| 4815   | 11/21/2021 | 6          | 7        | 57.05      | Yes           | 19.45          | -37.60        |
| 4816   | 11/21/2021 | 6          | 8        | 60.07      | Yes           | 19.45          | -40.62        |
| 4817   | 11/21/2021 | 6          | 9        | 62.46      | Yes           | 19.45          | -43.01        |
| 4818   | 11/21/2021 | 6          | 10       | 64.25      | Yes           | 19.45          | -44.80        |
| 4819   | 11/21/2021 | 6          | 11       | 69.14      | Yes           | 19.45          | -49.69        |
| 4820   | 11/21/2021 | 6          | 12       | 67.99      | Yes           | 19.45          | -48.54        |
| 4821   | 11/21/2021 | 7          | 1        | 54.08      | Yes           | 19.45          | -34.63        |
| 4822   | 11/21/2021 | 7          | 2        | 54.08      | Yes           | 19.45          | -34.63        |

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| 4823   | 11/21/2021 | 7          | 3        | 54.17      | Yes           | 19.45          | -34.72        |
| 4824   | 11/21/2021 | 7          | 4        | 54.56      | Yes           | 19.45          | -35.11        |
| 4825   | 11/21/2021 | 7          | 5        | 55.98      | Yes           | 19.45          | -36.53        |
| 4826   | 11/21/2021 | 7          | 6        | 59.66      | Yes           | 19.45          | -40.21        |
| 4827   | 11/21/2021 | 7          | 7        | 67.45      | Yes           | 19.45          | -48.00        |
| 4828   | 11/21/2021 | 7          | 8        | 67.19      | Yes           | 19.45          | -47.74        |
| 4829   | 11/21/2021 | 7          | 9        | 65.29      | Yes           | 19.45          | -45.84        |
| 4830   | 11/21/2021 | 7          | 10       | 111.08     | Yes           | 19.45          | -91.63        |
| 4831   | 11/21/2021 | 7          | 11       | 289.79     | Yes           | 19.45          | -270.34       |
| 4832   | 11/21/2021 | 7          | 12       | 88.05      | Yes           | 19.45          | -68.60        |
| 4833   | 11/21/2021 | 8          | 1        | 397.64     | Yes           | 19.45          | -378.19       |
| 4834   | 11/21/2021 | 8          | 2        | 135.84     | Yes           | 19.45          | -116.39       |
| 4835   | 11/21/2021 | 8          | 3        | 90.35      | Yes           | 19.45          | -70.90        |
| 4836   | 11/21/2021 | 8          | 4        | 76.22      | Yes           | 19.45          | -56.77        |
| 4837   | 11/21/2021 | 8          | 5        | 78.05      | Yes           | 19.45          | -58.60        |
| 4838   | 11/21/2021 | 8          | 6        | 69.97      | Yes           | 19.45          | -50.52        |
| 4839   | 11/21/2021 | 8          | 7        | 56.67      | Yes           | 19.45          | -37.22        |
| 4840   | 11/21/2021 | 8          | 8        | 51.16      | Yes           | 19.45          | -31.71        |
| 4841   | 11/21/2021 | 8          | 9        | 48.05      | Yes           | 19.45          | -28.60        |
| 4842   | 11/21/2021 | 8          | 10       | 61.96      | Yes           | 19.45          | -42.51        |
| 4843   | 11/21/2021 | 8          | 11       | 54.84      | Yes           | 19.45          | -35.39        |
| 4844   | 11/21/2021 | 8          | 12       | 57.57      | Yes           | 19.45          | -38.12        |
| 4845   | 11/21/2021 | 9          | 1        | 58.87      | Yes           | 19.45          | -39.42        |
| 4846   | 11/21/2021 | 9          | 2        | 55.42      | Yes           | 19.45          | -35.97        |
| 4847   | 11/21/2021 | 9          | 3        | 61.57      | Yes           | 19.45          | -42.12        |
| 4848   | 11/21/2021 | 9          | 4        | 55.77      | Yes           | 19.45          | -36.32        |
| 4849   | 11/21/2021 | 9          | 5        | 57.35      | Yes           | 19.45          | -37.90        |
| 4850   | 11/21/2021 | 9          | 6        | 59.39      | Yes           | 19.45          | -39.94        |
| 4851   | 11/21/2021 | 9          | 7        | 64.09      | Yes           | 19.45          | -44.64        |
| 4852   | 11/21/2021 | 9          | 8        | 63.35      | Yes           | 19.45          | -43.90        |
| 4853   | 11/21/2021 | 9          | 9        | 62.53      | Yes           | 19.45          | -43.08        |
| 4854   | 11/21/2021 | 9          | 10       | 57.05      | Yes           | 19.45          | -37.60        |
| 4855   | 11/21/2021 | 9          | 11       | 54.26      | Yes           | 19.45          | -34.81        |
| 4856   | 11/21/2021 | 9          | 12       | 57.12      | Yes           | 19.45          | -37.67        |
| 4857   | 11/21/2021 | 10         | 1        | 56.72      | Yes           | 19.45          | -37.27        |
| 4858   | 11/21/2021 | 10         | 2        | 57.31      | Yes           | 19.45          | -37.86        |
| 4859   | 11/21/2021 | 10         | 3        | 59.87      | Yes           | 19.45          | -40.42        |
| 4860   | 11/21/2021 | 10         | 4        | 74.08      | Yes           | 19.45          | -54.63        |

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| 4861   | 11/21/2021 | 10         | 5        | 74.10      | Yes           | 19.45          | -54.65        |
| 4862   | 11/21/2021 | 10         | 6        | 70.91      | Yes           | 19.45          | -51.46        |
| 4863   | 11/21/2021 | 10         | 7        | 41.18      | Yes           | 19.45          | -21.73        |
| 4864   | 11/21/2021 | 10         | 8        | 42.93      | Yes           | 19.45          | -23.48        |
| 4865   | 11/21/2021 | 10         | 9        | 48.27      | Yes           | 19.45          | -28.82        |
| 4866   | 11/21/2021 | 10         | 10       | 38.28      | Yes           | 19.45          | -18.83        |
| 4867   | 11/21/2021 | 10         | 11       | 37.04      | Yes           | 19.45          | -17.59        |
| 4868   | 11/21/2021 | 10         | 12       | 13.53      | Yes           | 19.45          | 5.92          |
| 4869   | 11/21/2021 | 11         | 1        | 75.16      | Yes           | 19.45          | -55.71        |
| 4870   | 11/21/2021 | 11         | 2        | 57.87      | Yes           | 19.45          | -38.42        |
| 4871   | 11/21/2021 | 11         | 3        | 70.12      | Yes           | 19.45          | -50.67        |
| 4872   | 11/21/2021 | 11         | 4        | 51.36      | Yes           | 19.45          | -31.91        |
| 4873   | 11/21/2021 | 11         | 5        | 53.42      | Yes           | 19.45          | -33.97        |
| 4874   | 11/21/2021 | 11         | 6        | 55.70      | Yes           | 19.45          | -36.25        |
| 4875   | 11/21/2021 | 11         | 7        | 52.37      | Yes           | 19.45          | -32.92        |
| 4876   | 11/21/2021 | 11         | 8        | 52.24      | Yes           | 19.45          | -32.79        |
| 4877   | 11/21/2021 | 11         | 9        | 53.61      | Yes           | 19.45          | -34.16        |
| 4878   | 11/21/2021 | 11         | 10       | 52.22      | Yes           | 19.45          | -32.77        |
| 4879   | 11/21/2021 | 11         | 11       | 58.10      | Yes           | 19.45          | -38.65        |
| 4880   | 11/21/2021 | 11         | 12       | 58.10      | Yes           | 19.45          | -38.65        |
| 4881   | 11/21/2021 | 12         | 1        | 54.82      | Yes           | 19.45          | -35.37        |
| 4882   | 11/21/2021 | 12         | 2        | 58.47      | Yes           | 19.45          | -39.02        |
| 4883   | 11/21/2021 | 12         | 3        | 55.59      | Yes           | 19.45          | -36.14        |
| 4884   | 11/21/2021 | 12         | 4        | 52.31      | Yes           | 19.45          | -32.86        |
| 4885   | 11/21/2021 | 12         | 5        | 52.75      | Yes           | 19.45          | -33.30        |
| 4886   | 11/21/2021 | 12         | 6        | 52.79      | Yes           | 19.45          | -33.34        |
| 4887   | 11/21/2021 | 12         | 7        | 52.59      | Yes           | 19.45          | -33.14        |
| 4888   | 11/21/2021 | 12         | 8        | 48.57      | Yes           | 19.45          | -29.12        |
| 4889   | 11/21/2021 | 12         | 9        | 51.97      | Yes           | 19.45          | -32.52        |
| 4890   | 11/21/2021 | 12         | 10       | 48.99      | Yes           | 19.45          | -29.54        |
| 4891   | 11/21/2021 | 12         | 11       | 48.38      | Yes           | 19.45          | -28.93        |
| 4892   | 11/21/2021 | 12         | 12       | 43.68      | Yes           | 19.45          | -24.23        |
| 4893   | 11/21/2021 | 13         | 1        | 43.33      | Yes           | 19.45          | -23.88        |
| 4894   | 11/21/2021 | 13         | 2        | 43.33      | Yes           | 19.45          | -23.88        |
| 4895   | 11/21/2021 | 13         | 3        | 46.44      | Yes           | 19.45          | -26.99        |
| 4896   | 11/21/2021 | 13         | 4        | 38.35      | Yes           | 19.45          | -18.90        |
| 4897   | 11/21/2021 | 13         | 5        | 44.14      | Yes           | 19.45          | -24.69        |
| 4898   | 11/21/2021 | 13         | 6        | 44.14      | Yes           | 19.45          | -24.69        |

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| 4899   | 11/21/2021 | 13         | 7        | 44.30      | Yes           | 19.45          | -24.85        |
| 4900   | 11/21/2021 | 13         | 8        | 45.15      | Yes           | 19.45          | -25.70        |
| 4901   | 11/21/2021 | 13         | 9        | 45.15      | Yes           | 19.45          | -25.70        |
| 4902   | 11/21/2021 | 13         | 10       | 45.01      | Yes           | 19.45          | -25.56        |
| 4903   | 11/21/2021 | 13         | 11       | 45.15      | Yes           | 19.45          | -25.70        |
| 4904   | 11/21/2021 | 13         | 12       | 45.32      | Yes           | 19.45          | -25.87        |
| 4905   | 11/21/2021 | 14         | 1        | 40.66      | Yes           | 19.45          | -21.21        |
| 4906   | 11/21/2021 | 14         | 2        | 43.66      | Yes           | 19.45          | -24.21        |
| 4907   | 11/21/2021 | 14         | 3        | 44.09      | Yes           | 19.45          | -24.64        |
| 4908   | 11/21/2021 | 14         | 4        | 31.06      | Yes           | 19.45          | -11.61        |
| 4909   | 11/21/2021 | 14         | 5        | 31.07      | Yes           | 19.45          | -11.62        |
| 4910   | 11/21/2021 | 14         | 6        | 23.78      | Yes           | 19.45          | -4.33         |
| 4911   | 11/21/2021 | 14         | 7        | 18.85      | Yes           | 19.45          | 0.60          |
| 4912   | 11/21/2021 | 14         | 8        | 20.95      | Yes           | 19.45          | -1.50         |
| 4913   | 11/21/2021 | 14         | 9        | 37.70      | Yes           | 19.45          | -18.25        |
| 4914   | 11/21/2021 | 14         | 10       | 44.02      | Yes           | 19.45          | -24.57        |
| 4915   | 11/21/2021 | 14         | 11       | 44.90      | Yes           | 19.45          | -25.45        |
| 4916   | 11/21/2021 | 14         | 12       | 47.20      | Yes           | 19.45          | -27.75        |
| 4917   | 11/21/2021 | 15         | 1        | 44.94      | Yes           | 19.45          | -25.49        |
| 4918   | 11/21/2021 | 15         | 2        | 46.58      | Yes           | 19.45          | -27.13        |
| 4919   | 11/21/2021 | 15         | 3        | 46.58      | Yes           | 19.45          | -27.13        |
| 4920   | 11/21/2021 | 15         | 4        | 0.00       | Yes           | 19.45          | 19.45         |
| 4921   | 11/21/2021 | 15         | 5        | 30.96      | Yes           | 19.45          | -11.51        |
| 4922   | 11/21/2021 | 15         | 6        | 20.17      | Yes           | 19.45          | -0.72         |
| 4923   | 11/21/2021 | 15         | 7        | 17.31      | Yes           | 19.45          | 2.14          |
| 4924   | 11/21/2021 | 15         | 8        | 16.45      | Yes           | 19.45          | 3.00          |
| 4925   | 11/21/2021 | 15         | 9        | 35.75      | Yes           | 19.45          | -16.30        |
| 4926   | 11/21/2021 | 15         | 10       | 37.48      | Yes           | 19.45          | -18.03        |
| 4927   | 11/21/2021 | 15         | 11       | 43.56      | Yes           | 19.45          | -24.11        |
| 4928   | 11/21/2021 | 15         | 12       | 45.06      | Yes           | 19.45          | -25.61        |
| 4929   | 11/21/2021 | 16         | 1        | 45.06      | Yes           | 19.45          | -25.61        |
| 4930   | 11/21/2021 | 16         | 2        | 31.83      | Yes           | 19.45          | -12.38        |
| 4931   | 11/21/2021 | 16         | 3        | 37.61      | Yes           | 19.45          | -18.16        |
| 4932   | 11/21/2021 | 16         | 4        | 42.89      | Yes           | 19.45          | -23.44        |
| 4933   | 11/21/2021 | 16         | 5        | 45.68      | Yes           | 19.45          | -26.23        |
| 4934   | 11/21/2021 | 16         | 6        | 50.44      | Yes           | 19.45          | -30.99        |
| 4935   | 11/21/2021 | 16         | 7        | 55.53      | Yes           | 19.45          | -36.08        |
| 4936   | 11/21/2021 | 16         | 8        | 62.02      | Yes           | 19.45          | -42.57        |

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| 4937   | 11/21/2021 | 16         | 9        | 74.05      | Yes           | 19.45          | -54.60        |
| 4938   | 11/21/2021 | 16         | 10       | 82.01      | Yes           | 19.45          | -62.56        |
| 4939   | 11/21/2021 | 16         | 11       | 118.56     | Yes           | 19.45          | -99.11        |
| 4940   | 11/21/2021 | 16         | 12       | 107.63     | Yes           | 19.45          | -88.18        |
| 4941   | 11/21/2021 | 17         | 1        | 42.27      | Yes           | 19.45          | -22.82        |
| 4942   | 11/21/2021 | 17         | 2        | 40.74      | Yes           | 19.45          | -21.29        |
| 4943   | 11/21/2021 | 17         | 3        | 42.40      | Yes           | 19.45          | -22.95        |
| 4944   | 11/21/2021 | 17         | 4        | 45.69      | Yes           | 19.45          | -26.24        |
| 4945   | 11/21/2021 | 17         | 5        | 47.76      | Yes           | 19.45          | -28.31        |
| 4946   | 11/21/2021 | 17         | 6        | 49.23      | Yes           | 19.45          | -29.78        |
| 4947   | 11/21/2021 | 17         | 7        | 52.32      | Yes           | 19.45          | -32.87        |
| 4948   | 11/21/2021 | 17         | 8        | 55.61      | Yes           | 19.45          | -36.16        |
| 4949   | 11/21/2021 | 17         | 9        | 56.24      | Yes           | 19.45          | -36.79        |
| 4950   | 11/21/2021 | 17         | 10       | 58.55      | Yes           | 19.45          | -39.10        |
| 4951   | 11/21/2021 | 17         | 11       | 60.17      | Yes           | 19.45          | -40.72        |
| 4952   | 11/21/2021 | 17         | 12       | 58.55      | Yes           | 19.45          | -39.10        |
| 4953   | 11/21/2021 | 18         | 1        | 46.36      | Yes           | 19.45          | -26.91        |
| 4954   | 11/21/2021 | 18         | 2        | 47.06      | Yes           | 19.45          | -27.61        |
| 4955   | 11/21/2021 | 18         | 3        | 49.10      | Yes           | 19.45          | -29.65        |
| 4956   | 11/21/2021 | 18         | 4        | 50.42      | Yes           | 19.45          | -30.97        |
| 4957   | 11/21/2021 | 18         | 5        | 50.64      | Yes           | 19.45          | -31.19        |
| 4958   | 11/21/2021 | 18         | 6        | 51.05      | Yes           | 19.45          | -31.60        |
| 4959   | 11/21/2021 | 18         | 7        | 52.50      | Yes           | 19.45          | -33.05        |
| 4960   | 11/21/2021 | 18         | 8        | 52.50      | Yes           | 19.45          | -33.05        |
| 4961   | 11/21/2021 | 18         | 9        | 52.45      | Yes           | 19.45          | -33.00        |
| 4962   | 11/21/2021 | 18         | 10       | 51.76      | Yes           | 19.45          | -32.31        |
| 4963   | 11/21/2021 | 18         | 11       | 51.76      | Yes           | 19.45          | -32.31        |
| 4964   | 11/21/2021 | 18         | 12       | 51.76      | Yes           | 19.45          | -32.31        |
| 4965   | 11/21/2021 | 19         | 1        | 51.93      | Yes           | 19.45          | -32.48        |
| 4966   | 11/21/2021 | 19         | 2        | 50.39      | Yes           | 19.45          | -30.94        |
| 4967   | 11/21/2021 | 19         | 3        | 49.67      | Yes           | 19.45          | -30.22        |
| 4968   | 11/21/2021 | 19         | 4        | 49.30      | Yes           | 19.45          | -29.85        |
| 4969   | 11/21/2021 | 19         | 5        | 48.23      | Yes           | 19.45          | -28.78        |
| 4970   | 11/21/2021 | 19         | 6        | 48.20      | Yes           | 19.45          | -28.75        |
| 4971   | 11/21/2021 | 19         | 7        | 50.01      | Yes           | 19.45          | -30.56        |
| 4972   | 11/21/2021 | 19         | 8        | 50.21      | Yes           | 19.45          | -30.76        |
| 4973   | 11/21/2021 | 19         | 9        | 50.31      | Yes           | 19.45          | -30.86        |
| 4974   | 11/21/2021 | 19         | 10       | 50.29      | Yes           | 19.45          | -30.84        |



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| 4975   | 11/21/2021 | 19         | 11       | 50.13      | Yes           | 19.45          | -30.68        |
| 4976   | 11/21/2021 | 19         | 12       | 49.98      | Yes           | 19.45          | -30.53        |
| 4977   | 11/21/2021 | 20         | 1        | 52.59      | Yes           | 19.45          | -33.14        |
| 4978   | 11/21/2021 | 20         | 2        | 52.54      | Yes           | 19.45          | -33.09        |
| 4979   | 11/21/2021 | 20         | 3        | 51.29      | Yes           | 19.45          | -31.84        |
| 4980   | 11/21/2021 | 20         | 4        | 53.94      | Yes           | 19.45          | -34.49        |
| 4981   | 11/21/2021 | 20         | 5        | 53.00      | Yes           | 19.45          | -33.55        |
| 4982   | 11/21/2021 | 20         | 6        | 57.69      | Yes           | 19.45          | -38.24        |
| 4983   | 11/21/2021 | 20         | 7        | 60.12      | Yes           | 19.45          | -40.67        |
| 4984   | 11/21/2021 | 20         | 8        | 60.00      | Yes           | 19.45          | -40.55        |
| 4985   | 11/21/2021 | 20         | 9        | 60.70      | Yes           | 19.45          | -41.25        |
| 4986   | 11/21/2021 | 20         | 10       | 58.04      | Yes           | 19.45          | -38.59        |
| 4987   | 11/21/2021 | 20         | 11       | 58.31      | Yes           | 19.45          | -38.86        |
| 4988   | 11/21/2021 | 20         | 12       | 59.34      | Yes           | 19.45          | -39.89        |
| 4989   | 11/21/2021 | 21         | 1        | 68.49      | Yes           | 19.45          | -49.04        |
| 4990   | 11/21/2021 | 21         | 2        | 68.61      | Yes           | 19.45          | -49.16        |
| 4991   | 11/21/2021 | 21         | 3        | 68.61      | Yes           | 19.45          | -49.16        |
| 4992   | 11/21/2021 | 21         | 4        | 67.98      | Yes           | 19.45          | -48.53        |
| 4993   | 11/21/2021 | 21         | 5        | 71.56      | Yes           | 19.45          | -52.11        |
| 4994   | 11/21/2021 | 21         | 6        | 74.47      | Yes           | 19.45          | -55.02        |
| 4995   | 11/21/2021 | 21         | 7        | 75.73      | Yes           | 19.45          | -56.28        |
| 4996   | 11/21/2021 | 21         | 8        | 72.96      | Yes           | 19.45          | -53.51        |
| 4997   | 11/21/2021 | 21         | 9        | 72.28      | Yes           | 19.45          | -52.83        |
| 4998   | 11/21/2021 | 21         | 10       | 65.20      | Yes           | 19.45          | -45.75        |
| 4999   | 11/21/2021 | 21         | 11       | 61.22      | Yes           | 19.45          | -41.77        |
| 5000   | 11/21/2021 | 21         | 12       | 60.72      | Yes           | 19.45          | -41.27        |
| 5001   | 11/21/2021 | 22         | 1        | 70.53      | Yes           | 19.45          | -51.08        |
| 5002   | 11/21/2021 | 22         | 2        | 69.70      | Yes           | 19.45          | -50.25        |
| 5003   | 11/21/2021 | 22         | 3        | 62.40      | Yes           | 19.45          | -42.95        |
| 5004   | 11/21/2021 | 22         | 4        | 59.67      | Yes           | 19.45          | -40.22        |
| 5005   | 11/21/2021 | 22         | 5        | 60.10      | Yes           | 19.45          | -40.65        |
| 5006   | 11/21/2021 | 22         | 6        | 58.61      | Yes           | 19.45          | -39.16        |
| 5007   | 11/21/2021 | 22         | 7        | 55.61      | Yes           | 19.45          | -36.16        |
| 5008   | 11/21/2021 | 22         | 8        | 53.75      | Yes           | 19.45          | -34.30        |
| 5009   | 11/21/2021 | 22         | 9        | 52.24      | Yes           | 19.45          | -32.79        |
| 5010   | 11/21/2021 | 22         | 10       | 51.21      | Yes           | 19.45          | -31.76        |
| 5011   | 11/21/2021 | 22         | 11       | 50.83      | Yes           | 19.45          | -31.38        |
| 5012   | 11/21/2021 | 22         | 12       | 51.69      | Yes           | 19.45          | -32.24        |

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| 5013   | 11/21/2021 | 23         | 1        | 57.56      | Yes           | 19.45          | -38.11        |
| 5014   | 11/21/2021 | 23         | 2        | 60.16      | Yes           | 19.45          | -40.71        |
| 5015   | 11/21/2021 | 23         | 3        | 58.62      | Yes           | 19.45          | -39.17        |
| 5016   | 11/21/2021 | 23         | 4        | 55.83      | Yes           | 19.45          | -36.38        |
| 5017   | 11/21/2021 | 23         | 5        | 55.10      | Yes           | 19.45          | -35.65        |
| 5018   | 11/21/2021 | 23         | 6        | 54.91      | Yes           | 19.45          | -35.46        |
| 5019   | 11/21/2021 | 23         | 7        | 50.82      | Yes           | 19.45          | -31.37        |
| 5020   | 11/21/2021 | 23         | 8        | 54.53      | Yes           | 19.45          | -35.08        |
| 5021   | 11/21/2021 | 23         | 9        | 52.55      | Yes           | 19.45          | -33.10        |
| 5022   | 11/21/2021 | 23         | 10       | 49.56      | Yes           | 19.45          | -30.11        |
| 5023   | 11/21/2021 | 23         | 11       | 48.90      | Yes           | 19.45          | -29.45        |
| 5024   | 11/21/2021 | 23         | 12       | 48.90      | Yes           | 19.45          | -29.45        |
| 5025   | 11/21/2021 | 24         | 1        | 51.91      | Yes           | 19.45          | -32.46        |
| 5026   | 11/21/2021 | 24         | 2        | 52.34      | Yes           | 19.45          | -32.89        |
| 5027   | 11/21/2021 | 24         | 3        | 51.32      | Yes           | 19.45          | -31.87        |
| 5028   | 11/21/2021 | 24         | 4        | 51.06      | Yes           | 19.45          | -31.61        |
| 5029   | 11/21/2021 | 24         | 5        | 50.57      | Yes           | 19.45          | -31.12        |
| 5030   | 11/21/2021 | 24         | 6        | 50.57      | Yes           | 19.45          | -31.12        |
| 5031   | 11/21/2021 | 24         | 7        | 49.40      | Yes           | 19.45          | -29.95        |
| 5032   | 11/21/2021 | 24         | 8        | 48.69      | Yes           | 19.45          | -29.24        |
| 5033   | 11/21/2021 | 24         | 9        | 48.50      | Yes           | 19.45          | -29.05        |
| 5034   | 11/21/2021 | 24         | 10       | 47.48      | Yes           | 19.45          | -28.03        |
| 5035   | 11/21/2021 | 24         | 11       | 47.48      | Yes           | 19.45          | -28.03        |
| 5036   | 11/21/2021 | 24         | 12       | 46.23      | Yes           | 19.45          | -26.78        |
| 5037   | 11/22/2021 | 1          | 1        | 48.29      | Yes           | 19.45          | -28.84        |
| 5038   | 11/22/2021 | 1          | 2        | 47.96      | Yes           | 19.45          | -28.51        |
| 5039   | 11/22/2021 | 1          | 3        | 48.12      | Yes           | 19.45          | -28.67        |
| 5040   | 11/22/2021 | 1          | 4        | 48.46      | Yes           | 19.45          | -29.01        |
| 5041   | 11/22/2021 | 1          | 5        | 48.17      | Yes           | 19.45          | -28.72        |
| 5042   | 11/22/2021 | 1          | 6        | 48.28      | Yes           | 19.45          | -28.83        |
| 5043   | 11/22/2021 | 1          | 7        | 45.35      | Yes           | 19.45          | -25.90        |
| 5044   | 11/22/2021 | 1          | 8        | 45.35      | Yes           | 19.45          | -25.90        |
| 5045   | 11/22/2021 | 1          | 9        | 45.35      | Yes           | 19.45          | -25.90        |
| 5046   | 11/22/2021 | 1          | 10       | 43.86      | Yes           | 19.45          | -24.41        |
| 5047   | 11/22/2021 | 1          | 11       | 44.10      | Yes           | 19.45          | -24.65        |
| 5048   | 11/22/2021 | 1          | 12       | 44.81      | Yes           | 19.45          | -25.36        |
| 5049   | 11/22/2021 | 2          | 1        | 46.09      | Yes           | 19.45          | -26.64        |
| 5050   | 11/22/2021 | 2          | 2        | 46.05      | Yes           | 19.45          | -26.60        |

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| 5051   | 11/22/2021 | 2          | 3        | 46.09      | Yes           | 19.45          | -26.64        |
| 5052   | 11/22/2021 | 2          | 4        | 46.03      | Yes           | 19.45          | -26.58        |
| 5053   | 11/22/2021 | 2          | 5        | 46.03      | Yes           | 19.45          | -26.58        |
| 5054   | 11/22/2021 | 2          | 6        | 46.01      | Yes           | 19.45          | -26.56        |
| 5055   | 11/22/2021 | 2          | 7        | 52.55      | Yes           | 19.45          | -33.10        |
| 5056   | 11/22/2021 | 2          | 8        | 52.55      | Yes           | 19.45          | -33.10        |
| 5057   | 11/22/2021 | 2          | 9        | 52.55      | Yes           | 19.45          | -33.10        |
| 5058   | 11/22/2021 | 2          | 10       | 52.01      | Yes           | 19.45          | -32.56        |
| 5059   | 11/22/2021 | 2          | 11       | 51.77      | Yes           | 19.45          | -32.32        |
| 5060   | 11/22/2021 | 2          | 12       | 51.53      | Yes           | 19.45          | -32.08        |
| 5061   | 11/22/2021 | 3          | 1        | 52.14      | Yes           | 19.45          | -32.69        |
| 5062   | 11/22/2021 | 3          | 2        | 52.14      | Yes           | 19.45          | -32.69        |
| 5063   | 11/22/2021 | 3          | 3        | 52.14      | Yes           | 19.45          | -32.69        |
| 5064   | 11/22/2021 | 3          | 4        | 52.10      | Yes           | 19.45          | -32.65        |
| 5065   | 11/22/2021 | 3          | 5        | 52.12      | Yes           | 19.45          | -32.67        |
| 5066   | 11/22/2021 | 3          | 6        | 52.10      | Yes           | 19.45          | -32.65        |
| 5067   | 11/22/2021 | 3          | 7        | 52.32      | Yes           | 19.45          | -32.87        |
| 5068   | 11/22/2021 | 3          | 8        | 52.32      | Yes           | 19.45          | -32.87        |
| 5069   | 11/22/2021 | 3          | 9        | 52.32      | Yes           | 19.45          | -32.87        |
| 5070   | 11/22/2021 | 3          | 10       | 52.19      | Yes           | 19.45          | -32.74        |
| 5071   | 11/22/2021 | 3          | 11       | 52.19      | Yes           | 19.45          | -32.74        |
| 5072   | 11/22/2021 | 3          | 12       | 52.19      | Yes           | 19.45          | -32.74        |
| 5073   | 11/22/2021 | 4          | 1        | 50.84      | Yes           | 19.45          | -31.39        |
| 5074   | 11/22/2021 | 4          | 2        | 51.42      | Yes           | 19.45          | -31.97        |
| 5075   | 11/22/2021 | 4          | 3        | 51.36      | Yes           | 19.45          | -31.91        |
| 5076   | 11/22/2021 | 4          | 4        | 51.79      | Yes           | 19.45          | -32.34        |
| 5077   | 11/22/2021 | 4          | 5        | 51.79      | Yes           | 19.45          | -32.34        |
| 5078   | 11/22/2021 | 4          | 6        | 51.92      | Yes           | 19.45          | -32.47        |
| 5079   | 11/22/2021 | 4          | 7        | 52.51      | Yes           | 19.45          | -33.06        |
| 5080   | 11/22/2021 | 4          | 8        | 52.51      | Yes           | 19.45          | -33.06        |
| 5081   | 11/22/2021 | 4          | 9        | 52.44      | Yes           | 19.45          | -32.99        |
| 5082   | 11/22/2021 | 4          | 10       | 52.42      | Yes           | 19.45          | -32.97        |
| 5083   | 11/22/2021 | 4          | 11       | 52.22      | Yes           | 19.45          | -32.77        |
| 5084   | 11/22/2021 | 4          | 12       | 52.20      | Yes           | 19.45          | -32.75        |
| 5085   | 11/22/2021 | 5          | 1        | 49.89      | Yes           | 19.45          | -30.44        |
| 5086   | 11/22/2021 | 5          | 2        | 50.02      | Yes           | 19.45          | -30.57        |
| 5087   | 11/22/2021 | 5          | 3        | 50.15      | Yes           | 19.45          | -30.70        |
| 5088   | 11/22/2021 | 5          | 4        | 51.06      | Yes           | 19.45          | -31.61        |

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| 5089   | 11/22/2021 | 5          | 5        | 51.33      | Yes           | 19.45          | -31.88        |
| 5090   | 11/22/2021 | 5          | 6        | 51.94      | Yes           | 19.45          | -32.49        |
| 5091   | 11/22/2021 | 5          | 7        | 52.55      | Yes           | 19.45          | -33.10        |
| 5092   | 11/22/2021 | 5          | 8        | 54.03      | Yes           | 19.45          | -34.58        |
| 5093   | 11/22/2021 | 5          | 9        | 53.55      | Yes           | 19.45          | -34.10        |
| 5094   | 11/22/2021 | 5          | 10       | 54.25      | Yes           | 19.45          | -34.80        |
| 5095   | 11/22/2021 | 5          | 11       | 55.34      | Yes           | 19.45          | -35.89        |
| 5096   | 11/22/2021 | 5          | 12       | 54.29      | Yes           | 19.45          | -34.84        |
| 5097   | 11/22/2021 | 6          | 1        | 51.74      | Yes           | 19.45          | -32.29        |
| 5098   | 11/22/2021 | 6          | 2        | 51.76      | Yes           | 19.45          | -32.31        |
| 5099   | 11/22/2021 | 6          | 3        | 53.05      | Yes           | 19.45          | -33.60        |
| 5100   | 11/22/2021 | 6          | 4        | 54.31      | Yes           | 19.45          | -34.86        |
| 5101   | 11/22/2021 | 6          | 5        | 54.31      | Yes           | 19.45          | -34.86        |
| 5102   | 11/22/2021 | 6          | 10       | 52.04      | Yes           | 19.45          | -32.59        |
| 5103   | 11/22/2021 | 6          | 11       | 52.32      | Yes           | 19.45          | -32.87        |
| 5104   | 11/22/2021 | 6          | 12       | 54.15      | Yes           | 19.45          | -34.70        |
| 5105   | 11/22/2021 | 7          | 1        | 50.62      | Yes           | 19.45          | -31.17        |
| 5106   | 11/22/2021 | 7          | 2        | 50.72      | Yes           | 19.45          | -31.27        |
| 5107   | 11/22/2021 | 7          | 3        | 53.36      | Yes           | 19.45          | -33.91        |
| 5108   | 11/22/2021 | 7          | 4        | 56.66      | Yes           | 19.45          | -37.21        |
| 5109   | 11/22/2021 | 7          | 5        | 56.84      | Yes           | 19.45          | -37.39        |
| 5110   | 11/22/2021 | 7          | 6        | 56.88      | Yes           | 19.45          | -37.43        |
| 5111   | 11/22/2021 | 7          | 7        | 58.13      | Yes           | 19.45          | -38.68        |
| 5112   | 11/22/2021 | 7          | 8        | 58.49      | Yes           | 19.45          | -39.04        |
| 5113   | 11/22/2021 | 7          | 9        | 62.14      | Yes           | 19.45          | -42.69        |
| 5114   | 11/22/2021 | 7          | 10       | 59.58      | Yes           | 19.45          | -40.13        |
| 5115   | 11/22/2021 | 7          | 11       | 63.91      | Yes           | 19.45          | -44.46        |
| 5116   | 11/22/2021 | 7          | 12       | 63.48      | Yes           | 19.45          | -44.03        |
| 5117   | 11/22/2021 | 8          | 1        | 82.68      | Yes           | 19.45          | -63.23        |
| 5118   | 11/22/2021 | 8          | 2        | 94.71      | Yes           | 19.45          | -75.26        |
| 5119   | 11/22/2021 | 8          | 3        | 75.57      | Yes           | 19.45          | -56.12        |
| 5120   | 11/22/2021 | 8          | 4        | 64.28      | Yes           | 19.45          | -44.83        |
| 5121   | 11/22/2021 | 8          | 5        | 58.25      | Yes           | 19.45          | -38.80        |
| 5122   | 11/22/2021 | 8          | 6        | 53.84      | Yes           | 19.45          | -34.39        |
| 5123   | 11/22/2021 | 8          | 7        | 53.77      | Yes           | 19.45          | -34.32        |
| 5124   | 11/22/2021 | 8          | 8        | 48.47      | Yes           | 19.45          | -29.02        |
| 5125   | 11/22/2021 | 8          | 9        | 44.66      | Yes           | 19.45          | -25.21        |
| 5126   | 11/22/2021 | 8          | 10       | 34.78      | Yes           | 19.45          | -15.33        |

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| 5127   | 11/22/2021 | 8          | 11       | 34.78      | Yes           | 19.45          | -15.33        |
| 5128   | 11/22/2021 | 8          | 12       | 36.20      | Yes           | 19.45          | -16.75        |
| 5129   | 11/22/2021 | 9          | 1        | 48.57      | Yes           | 19.45          | -29.12        |
| 5130   | 11/22/2021 | 9          | 2        | 50.62      | Yes           | 19.45          | -31.17        |
| 5131   | 11/22/2021 | 9          | 3        | 52.29      | Yes           | 19.45          | -32.84        |
| 5132   | 11/22/2021 | 9          | 4        | 46.41      | Yes           | 19.45          | -26.96        |
| 5133   | 11/22/2021 | 9          | 5        | 55.85      | Yes           | 19.45          | -36.40        |
| 5134   | 11/22/2021 | 9          | 6        | 45.57      | Yes           | 19.45          | -26.12        |
| 5135   | 11/22/2021 | 9          | 7        | 55.12      | Yes           | 19.45          | -35.67        |
| 5136   | 11/22/2021 | 9          | 8        | 52.36      | Yes           | 19.45          | -32.91        |
| 5137   | 11/22/2021 | 9          | 9        | 51.78      | Yes           | 19.45          | -32.33        |
| 5138   | 11/22/2021 | 9          | 10       | 49.03      | Yes           | 19.45          | -29.58        |
| 5139   | 11/22/2021 | 9          | 11       | 49.52      | Yes           | 19.45          | -30.07        |
| 5140   | 11/22/2021 | 9          | 12       | 49.19      | Yes           | 19.45          | -29.74        |
| 5141   | 11/22/2021 | 10         | 1        | 54.64      | Yes           | 19.45          | -35.19        |
| 5142   | 11/22/2021 | 10         | 2        | 53.91      | Yes           | 19.45          | -34.46        |
| 5143   | 11/22/2021 | 10         | 3        | 50.29      | Yes           | 19.45          | -30.84        |
| 5144   | 11/22/2021 | 10         | 4        | 42.83      | Yes           | 19.45          | -23.38        |
| 5145   | 11/22/2021 | 10         | 5        | 35.21      | Yes           | 19.45          | -15.76        |
| 5146   | 11/22/2021 | 10         | 6        | 45.70      | Yes           | 19.45          | -26.25        |
| 5147   | 11/22/2021 | 10         | 7        | 43.48      | Yes           | 19.45          | -24.03        |
| 5148   | 11/22/2021 | 10         | 8        | 44.17      | Yes           | 19.45          | -24.72        |
| 5149   | 11/22/2021 | 10         | 9        | 38.29      | Yes           | 19.45          | -18.84        |
| 5150   | 11/22/2021 | 10         | 10       | 33.94      | Yes           | 19.45          | -14.49        |
| 5151   | 11/22/2021 | 10         | 11       | 33.03      | Yes           | 19.45          | -13.58        |
| 5152   | 11/22/2021 | 10         | 12       | 33.94      | Yes           | 19.45          | -14.49        |
| 5153   | 11/22/2021 | 11         | 1        | 35.81      | Yes           | 19.45          | -16.36        |
| 5154   | 11/22/2021 | 11         | 2        | 43.12      | Yes           | 19.45          | -23.67        |
| 5155   | 11/22/2021 | 11         | 3        | 43.39      | Yes           | 19.45          | -23.94        |
| 5156   | 11/22/2021 | 11         | 4        | 40.06      | Yes           | 19.45          | -20.61        |
| 5157   | 11/22/2021 | 11         | 5        | 39.40      | Yes           | 19.45          | -19.95        |
| 5158   | 11/22/2021 | 11         | 6        | 39.74      | Yes           | 19.45          | -20.29        |
| 5159   | 11/22/2021 | 11         | 7        | 40.27      | Yes           | 19.45          | -20.82        |
| 5160   | 11/22/2021 | 11         | 8        | 40.43      | Yes           | 19.45          | -20.98        |
| 5161   | 11/22/2021 | 11         | 9        | 37.61      | Yes           | 19.45          | -18.16        |
| 5162   | 11/22/2021 | 11         | 10       | 37.39      | Yes           | 19.45          | -17.94        |
| 5163   | 11/22/2021 | 11         | 11       | 42.68      | Yes           | 19.45          | -23.23        |
| 5164   | 11/22/2021 | 11         | 12       | 41.11      | Yes           | 19.45          | -21.66        |

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| 5165   | 11/22/2021 | 12         | 1        | 29.27      | Yes           | 19.45          | -9.82         |
| 5166   | 11/22/2021 | 12         | 2        | 37.02      | Yes           | 19.45          | -17.57        |
| 5167   | 11/22/2021 | 12         | 3        | 38.07      | Yes           | 19.45          | -18.62        |
| 5168   | 11/22/2021 | 12         | 4        | 37.79      | Yes           | 19.45          | -18.34        |
| 5169   | 11/22/2021 | 12         | 5        | 30.71      | Yes           | 19.45          | -11.26        |
| 5170   | 11/22/2021 | 12         | 6        | 37.05      | Yes           | 19.45          | -17.60        |
| 5171   | 11/22/2021 | 12         | 7        | 28.06      | Yes           | 19.45          | -8.61         |
| 5172   | 11/22/2021 | 12         | 8        | 29.31      | Yes           | 19.45          | -9.86         |
| 5173   | 11/22/2021 | 12         | 9        | 39.13      | Yes           | 19.45          | -19.68        |
| 5174   | 11/22/2021 | 12         | 10       | 28.09      | Yes           | 19.45          | -8.64         |
| 5175   | 11/22/2021 | 12         | 11       | 23.12      | Yes           | 19.45          | -3.67         |
| 5176   | 11/22/2021 | 12         | 12       | 30.68      | Yes           | 19.45          | -11.23        |
| 5177   | 11/22/2021 | 13         | 1        | 37.09      | Yes           | 19.45          | -17.64        |
| 5178   | 11/22/2021 | 13         | 2        | 39.04      | Yes           | 19.45          | -19.59        |
| 5179   | 11/22/2021 | 13         | 3        | 40.24      | Yes           | 19.45          | -20.79        |
| 5180   | 11/22/2021 | 13         | 4        | 40.36      | Yes           | 19.45          | -20.91        |
| 5181   | 11/22/2021 | 13         | 5        | 40.47      | Yes           | 19.45          | -21.02        |
| 5182   | 11/22/2021 | 13         | 6        | 41.37      | Yes           | 19.45          | -21.92        |
| 5183   | 11/22/2021 | 13         | 7        | 44.59      | Yes           | 19.45          | -25.14        |
| 5184   | 11/22/2021 | 13         | 8        | 44.59      | Yes           | 19.45          | -25.14        |
| 5185   | 11/22/2021 | 13         | 9        | 45.31      | Yes           | 19.45          | -25.86        |
| 5186   | 11/22/2021 | 13         | 10       | 45.40      | Yes           | 19.45          | -25.95        |
| 5187   | 11/22/2021 | 13         | 11       | 47.03      | Yes           | 19.45          | -27.58        |
| 5188   | 11/22/2021 | 13         | 12       | 47.09      | Yes           | 19.45          | -27.64        |
| 5189   | 11/22/2021 | 14         | 1        | 42.61      | Yes           | 19.45          | -23.16        |
| 5190   | 11/22/2021 | 14         | 2        | 42.70      | Yes           | 19.45          | -23.25        |
| 5191   | 11/22/2021 | 14         | 3        | 43.14      | Yes           | 19.45          | -23.69        |
| 5192   | 11/22/2021 | 14         | 4        | 43.48      | Yes           | 19.45          | -24.03        |
| 5193   | 11/22/2021 | 14         | 5        | 45.07      | Yes           | 19.45          | -25.62        |
| 5194   | 11/22/2021 | 14         | 6        | 46.27      | Yes           | 19.45          | -26.82        |
| 5195   | 11/22/2021 | 14         | 7        | 45.97      | Yes           | 19.45          | -26.52        |
| 5196   | 11/22/2021 | 14         | 8        | 46.58      | Yes           | 19.45          | -27.13        |
| 5197   | 11/22/2021 | 14         | 9        | 46.18      | Yes           | 19.45          | -26.73        |
| 5198   | 11/22/2021 | 14         | 10       | 46.80      | Yes           | 19.45          | -27.35        |
| 5199   | 11/22/2021 | 14         | 11       | 46.77      | Yes           | 19.45          | -27.32        |
| 5200   | 11/22/2021 | 14         | 12       | 47.60      | Yes           | 19.45          | -28.15        |
| 5201   | 11/22/2021 | 15         | 1        | 46.94      | Yes           | 19.45          | -27.49        |
| 5202   | 11/22/2021 | 15         | 2        | 48.34      | Yes           | 19.45          | -28.89        |

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| 5203   | 11/22/2021 | 15         | 3        | 48.90      | Yes           | 19.45          | -29.45        |
| 5204   | 11/22/2021 | 15         | 4        | 49.33      | Yes           | 19.45          | -29.88        |
| 5205   | 11/22/2021 | 15         | 5        | 51.36      | Yes           | 19.45          | -31.91        |
| 5206   | 11/22/2021 | 15         | 6        | 55.91      | Yes           | 19.45          | -36.46        |
| 5207   | 11/22/2021 | 15         | 7        | 67.27      | Yes           | 19.45          | -47.82        |
| 5208   | 11/22/2021 | 15         | 8        | 69.08      | Yes           | 19.45          | -49.63        |
| 5209   | 11/22/2021 | 15         | 9        | 66.88      | Yes           | 19.45          | -47.43        |
| 5210   | 11/22/2021 | 15         | 10       | 66.19      | Yes           | 19.45          | -46.74        |
| 5211   | 11/22/2021 | 15         | 11       | 66.60      | Yes           | 19.45          | -47.15        |
| 5212   | 11/22/2021 | 15         | 12       | 64.37      | Yes           | 19.45          | -44.92        |
| 5213   | 11/22/2021 | 16         | 1        | 58.49      | Yes           | 19.45          | -39.04        |
| 5214   | 11/22/2021 | 16         | 2        | 55.30      | Yes           | 19.45          | -35.85        |
| 5215   | 11/22/2021 | 16         | 3        | 58.84      | Yes           | 19.45          | -39.39        |
| 5216   | 11/22/2021 | 16         | 4        | 62.19      | Yes           | 19.45          | -42.74        |
| 5217   | 11/22/2021 | 16         | 5        | 63.75      | Yes           | 19.45          | -44.30        |
| 5218   | 11/22/2021 | 16         | 6        | 64.04      | Yes           | 19.45          | -44.59        |
| 5219   | 11/22/2021 | 16         | 7        | 66.88      | Yes           | 19.45          | -47.43        |
| 5220   | 11/22/2021 | 16         | 8        | 71.03      | Yes           | 19.45          | -51.58        |
| 5221   | 11/22/2021 | 16         | 9        | 71.03      | Yes           | 19.45          | -51.58        |
| 5222   | 11/22/2021 | 16         | 10       | 75.96      | Yes           | 19.45          | -56.51        |
| 5223   | 11/22/2021 | 16         | 11       | 84.57      | Yes           | 19.45          | -65.12        |
| 5224   | 11/22/2021 | 16         | 12       | 86.77      | Yes           | 19.45          | -67.32        |
| 5225   | 11/22/2021 | 17         | 1        | 49.07      | Yes           | 19.45          | -29.62        |
| 5226   | 11/22/2021 | 17         | 2        | 46.62      | Yes           | 19.45          | -27.17        |
| 5227   | 11/22/2021 | 17         | 3        | 46.68      | Yes           | 19.45          | -27.23        |
| 5228   | 11/22/2021 | 17         | 4        | 48.56      | Yes           | 19.45          | -29.11        |
| 5229   | 11/22/2021 | 17         | 5        | 49.22      | Yes           | 19.45          | -29.77        |
| 5230   | 11/22/2021 | 17         | 6        | 51.45      | Yes           | 19.45          | -32.00        |
| 5231   | 11/22/2021 | 17         | 7        | 52.63      | Yes           | 19.45          | -33.18        |
| 5232   | 11/22/2021 | 17         | 8        | 54.81      | Yes           | 19.45          | -35.36        |
| 5233   | 11/22/2021 | 17         | 9        | 57.25      | Yes           | 19.45          | -37.80        |
| 5234   | 11/22/2021 | 17         | 10       | 56.79      | Yes           | 19.45          | -37.34        |
| 5235   | 11/22/2021 | 17         | 11       | 56.79      | Yes           | 19.45          | -37.34        |
| 5236   | 11/22/2021 | 17         | 12       | 56.26      | Yes           | 19.45          | -36.81        |
| 5237   | 11/22/2021 | 18         | 1        | 52.63      | Yes           | 19.45          | -33.18        |
| 5238   | 11/22/2021 | 18         | 2        | 52.03      | Yes           | 19.45          | -32.58        |
| 5239   | 11/22/2021 | 18         | 3        | 52.92      | Yes           | 19.45          | -33.47        |
| 5240   | 11/22/2021 | 18         | 4        | 53.45      | Yes           | 19.45          | -34.00        |

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| 5241   | 11/22/2021 | 18         | 5        | 54.21      | Yes           | 19.45          | -34.76        |
| 5242   | 11/22/2021 | 18         | 6        | 54.37      | Yes           | 19.45          | -34.92        |
| 5243   | 11/22/2021 | 18         | 7        | 55.17      | Yes           | 19.45          | -35.72        |
| 5244   | 11/22/2021 | 18         | 8        | 54.36      | Yes           | 19.45          | -34.91        |
| 5245   | 11/22/2021 | 18         | 9        | 54.32      | Yes           | 19.45          | -34.87        |
| 5246   | 11/22/2021 | 18         | 10       | 54.04      | Yes           | 19.45          | -34.59        |
| 5247   | 11/22/2021 | 18         | 11       | 54.11      | Yes           | 19.45          | -34.66        |
| 5248   | 11/22/2021 | 18         | 12       | 54.20      | Yes           | 19.45          | -34.75        |
| 5249   | 11/22/2021 | 19         | 1        | 58.46      | Yes           | 19.45          | -39.01        |
| 5250   | 11/22/2021 | 19         | 2        | 56.08      | Yes           | 19.45          | -36.63        |
| 5251   | 11/22/2021 | 19         | 3        | 55.47      | Yes           | 19.45          | -36.02        |
| 5252   | 11/22/2021 | 19         | 4        | 55.40      | Yes           | 19.45          | -35.95        |
| 5253   | 11/22/2021 | 19         | 5        | 55.99      | Yes           | 19.45          | -36.54        |
| 5254   | 11/22/2021 | 19         | 6        | 58.12      | Yes           | 19.45          | -38.67        |
| 5255   | 11/22/2021 | 19         | 7        | 58.46      | Yes           | 19.45          | -39.01        |
| 5256   | 11/22/2021 | 19         | 8        | 58.65      | Yes           | 19.45          | -39.20        |
| 5257   | 11/22/2021 | 19         | 9        | 57.51      | Yes           | 19.45          | -38.06        |
| 5258   | 11/22/2021 | 19         | 10       | 57.84      | Yes           | 19.45          | -38.39        |
| 5259   | 11/22/2021 | 19         | 11       | 56.94      | Yes           | 19.45          | -37.49        |
| 5260   | 11/22/2021 | 19         | 12       | 57.06      | Yes           | 19.45          | -37.61        |
| 5261   | 11/22/2021 | 20         | 1        | 62.43      | Yes           | 19.45          | -42.98        |
| 5262   | 11/22/2021 | 20         | 2        | 61.45      | Yes           | 19.45          | -42.00        |
| 5263   | 11/22/2021 | 20         | 3        | 59.99      | Yes           | 19.45          | -40.54        |
| 5264   | 11/22/2021 | 20         | 4        | 59.51      | Yes           | 19.45          | -40.06        |
| 5265   | 11/22/2021 | 20         | 5        | 59.80      | Yes           | 19.45          | -40.35        |
| 5266   | 11/22/2021 | 20         | 6        | 59.70      | Yes           | 19.45          | -40.25        |
| 5267   | 11/22/2021 | 20         | 7        | 59.06      | Yes           | 19.45          | -39.61        |
| 5268   | 11/22/2021 | 20         | 8        | 59.06      | Yes           | 19.45          | -39.61        |
| 5269   | 11/22/2021 | 20         | 9        | 59.06      | Yes           | 19.45          | -39.61        |
| 5270   | 11/22/2021 | 20         | 10       | 58.58      | Yes           | 19.45          | -39.13        |
| 5271   | 11/22/2021 | 20         | 11       | 58.58      | Yes           | 19.45          | -39.13        |
| 5272   | 11/22/2021 | 20         | 12       | 58.58      | Yes           | 19.45          | -39.13        |
| 5273   | 11/22/2021 | 21         | 1        | 68.58      | Yes           | 19.45          | -49.13        |
| 5274   | 11/22/2021 | 21         | 2        | 69.56      | Yes           | 19.45          | -50.11        |
| 5275   | 11/22/2021 | 21         | 3        | 65.96      | Yes           | 19.45          | -46.51        |
| 5276   | 11/22/2021 | 21         | 4        | 65.20      | Yes           | 19.45          | -45.75        |
| 5277   | 11/22/2021 | 21         | 5        | 62.35      | Yes           | 19.45          | -42.90        |
| 5278   | 11/22/2021 | 21         | 6        | 61.36      | Yes           | 19.45          | -41.91        |



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| 5279   | 11/22/2021 | 21         | 7        | 63.46      | Yes           | 19.45          | -44.01        |
| 5280   | 11/22/2021 | 21         | 8        | 60.22      | Yes           | 19.45          | -40.77        |
| 5281   | 11/22/2021 | 21         | 9        | 58.89      | Yes           | 19.45          | -39.44        |
| 5282   | 11/22/2021 | 21         | 10       | 54.50      | Yes           | 19.45          | -35.05        |
| 5283   | 11/22/2021 | 21         | 11       | 54.84      | Yes           | 19.45          | -35.39        |
| 5284   | 11/22/2021 | 21         | 12       | 54.17      | Yes           | 19.45          | -34.72        |
| 5285   | 11/22/2021 | 22         | 1        | 60.65      | Yes           | 19.45          | -41.20        |
| 5286   | 11/22/2021 | 22         | 2        | 61.18      | Yes           | 19.45          | -41.73        |
| 5287   | 11/22/2021 | 22         | 3        | 58.69      | Yes           | 19.45          | -39.24        |
| 5288   | 11/22/2021 | 22         | 4        | 58.40      | Yes           | 19.45          | -38.95        |
| 5289   | 11/22/2021 | 22         | 5        | 57.02      | Yes           | 19.45          | -37.57        |
| 5290   | 11/22/2021 | 22         | 6        | 57.92      | Yes           | 19.45          | -38.47        |
| 5291   | 11/22/2021 | 22         | 7        | 55.56      | Yes           | 19.45          | -36.11        |
| 5292   | 11/22/2021 | 22         | 8        | 54.08      | Yes           | 19.45          | -34.63        |
| 5293   | 11/22/2021 | 22         | 9        | 52.79      | Yes           | 19.45          | -33.34        |
| 5294   | 11/22/2021 | 22         | 10       | 55.27      | Yes           | 19.45          | -35.82        |
| 5295   | 11/22/2021 | 22         | 11       | 54.93      | Yes           | 19.45          | -35.48        |
| 5296   | 11/22/2021 | 22         | 12       | 58.15      | Yes           | 19.45          | -38.70        |
| 5297   | 11/22/2021 | 23         | 1        | 79.00      | Yes           | 19.45          | -59.55        |
| 5298   | 11/22/2021 | 23         | 2        | 79.00      | Yes           | 19.45          | -59.55        |
| 5299   | 11/22/2021 | 23         | 3        | 79.00      | Yes           | 19.45          | -59.55        |
| 5300   | 11/22/2021 | 23         | 4        | 64.54      | Yes           | 19.45          | -45.09        |
| 5301   | 11/22/2021 | 23         | 5        | 60.46      | Yes           | 19.45          | -41.01        |
| 5302   | 11/22/2021 | 23         | 6        | 59.45      | Yes           | 19.45          | -40.00        |
| 5303   | 11/22/2021 | 23         | 7        | 57.67      | Yes           | 19.45          | -38.22        |
| 5304   | 11/22/2021 | 23         | 8        | 56.44      | Yes           | 19.45          | -36.99        |
| 5305   | 11/22/2021 | 23         | 9        | 54.15      | Yes           | 19.45          | -34.70        |
| 5306   | 11/22/2021 | 23         | 10       | 53.53      | Yes           | 19.45          | -34.08        |
| 5307   | 11/22/2021 | 23         | 11       | 55.86      | Yes           | 19.45          | -36.41        |
| 5308   | 11/22/2021 | 23         | 12       | 57.13      | Yes           | 19.45          | -37.68        |
| 5309   | 11/22/2021 | 24         | 1        | 59.40      | Yes           | 19.45          | -39.95        |
| 5310   | 11/22/2021 | 24         | 2        | 57.61      | Yes           | 19.45          | -38.16        |
| 5311   | 11/22/2021 | 24         | 3        | 57.78      | Yes           | 19.45          | -38.33        |
| 5312   | 11/22/2021 | 24         | 4        | 60.99      | Yes           | 19.45          | -41.54        |
| 5313   | 11/22/2021 | 24         | 5        | 50.95      | Yes           | 19.45          | -31.50        |
| 5314   | 11/22/2021 | 24         | 6        | 50.73      | Yes           | 19.45          | -31.28        |
| 5315   | 11/22/2021 | 24         | 7        | 49.18      | Yes           | 19.45          | -29.73        |
| 5316   | 11/22/2021 | 24         | 8        | 47.67      | Yes           | 19.45          | -28.22        |

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| 5317   | 11/22/2021 | 24         | 9        | 46.14      | Yes           | 19.45          | -26.69        |
| 5318   | 11/22/2021 | 24         | 10       | 45.73      | Yes           | 19.45          | -26.28        |
| 5319   | 11/22/2021 | 24         | 11       | 45.44      | Yes           | 19.45          | -25.99        |
| 5320   | 11/22/2021 | 24         | 12       | 45.17      | Yes           | 19.45          | -25.72        |
| 5321   | 11/23/2021 | 1          | 1        | 53.30      | Yes           | 18.82          | -34.48        |
| 5322   | 11/23/2021 | 1          | 2        | 57.31      | Yes           | 18.82          | -38.49        |
| 5323   | 11/23/2021 | 1          | 3        | 57.66      | Yes           | 18.82          | -38.84        |
| 5324   | 11/23/2021 | 1          | 4        | 54.85      | Yes           | 18.82          | -36.03        |
| 5325   | 11/23/2021 | 1          | 5        | 52.91      | Yes           | 18.82          | -34.09        |
| 5326   | 11/23/2021 | 1          | 6        | 53.03      | Yes           | 18.82          | -34.21        |
| 5327   | 11/23/2021 | 1          | 7        | 51.43      | Yes           | 18.82          | -32.61        |
| 5328   | 11/23/2021 | 1          | 8        | 51.51      | Yes           | 18.82          | -32.69        |
| 5329   | 11/23/2021 | 1          | 9        | 49.63      | Yes           | 18.82          | -30.81        |
| 5330   | 11/23/2021 | 1          | 10       | 48.69      | Yes           | 18.82          | -29.87        |
| 5331   | 11/23/2021 | 1          | 11       | 49.74      | Yes           | 18.82          | -30.92        |
| 5332   | 11/23/2021 | 1          | 12       | 48.71      | Yes           | 18.82          | -29.89        |
| 5333   | 11/23/2021 | 2          | 1        | 47.13      | Yes           | 18.82          | -28.31        |
| 5334   | 11/23/2021 | 2          | 2        | 46.34      | Yes           | 18.82          | -27.52        |
| 5335   | 11/23/2021 | 2          | 3        | 47.13      | Yes           | 18.82          | -28.31        |
| 5336   | 11/23/2021 | 2          | 4        | 46.00      | Yes           | 18.82          | -27.18        |
| 5337   | 11/23/2021 | 2          | 5        | 45.48      | Yes           | 18.82          | -26.66        |
| 5338   | 11/23/2021 | 2          | 6        | 45.49      | Yes           | 18.82          | -26.67        |
| 5339   | 11/23/2021 | 2          | 7        | 46.00      | Yes           | 18.82          | -27.18        |
| 5340   | 11/23/2021 | 2          | 8        | 45.90      | Yes           | 18.82          | -27.08        |
| 5341   | 11/23/2021 | 2          | 9        | 44.33      | Yes           | 18.82          | -25.51        |
| 5342   | 11/23/2021 | 2          | 10       | 47.02      | Yes           | 18.82          | -28.20        |
| 5343   | 11/23/2021 | 2          | 11       | 45.68      | Yes           | 18.82          | -26.86        |
| 5344   | 11/23/2021 | 2          | 12       | 45.67      | Yes           | 18.82          | -26.85        |
| 5345   | 11/23/2021 | 3          | 1        | 46.30      | Yes           | 18.82          | -27.48        |
| 5346   | 11/23/2021 | 3          | 2        | 46.20      | Yes           | 18.82          | -27.38        |
| 5347   | 11/23/2021 | 3          | 3        | 46.20      | Yes           | 18.82          | -27.38        |
| 5348   | 11/23/2021 | 3          | 4        | 48.15      | Yes           | 18.82          | -29.33        |
| 5349   | 11/23/2021 | 3          | 5        | 46.69      | Yes           | 18.82          | -27.87        |
| 5350   | 11/23/2021 | 3          | 6        | 46.75      | Yes           | 18.82          | -27.93        |
| 5351   | 11/23/2021 | 3          | 7        | 46.15      | Yes           | 18.82          | -27.33        |
| 5352   | 11/23/2021 | 3          | 8        | 46.14      | Yes           | 18.82          | -27.32        |
| 5353   | 11/23/2021 | 3          | 9        | 45.01      | Yes           | 18.82          | -26.19        |
| 5354   | 11/23/2021 | 3          | 10       | 45.80      | Yes           | 18.82          | -26.98        |

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| 5355   | 11/23/2021 | 3          | 11       | 46.17      | Yes           | 18.82          | -27.35        |
| 5356   | 11/23/2021 | 3          | 12       | 45.15      | Yes           | 18.82          | -26.33        |
| 5357   | 11/23/2021 | 4          | 1        | 45.01      | Yes           | 18.82          | -26.19        |
| 5358   | 11/23/2021 | 4          | 2        | 44.83      | Yes           | 18.82          | -26.01        |
| 5359   | 11/23/2021 | 4          | 3        | 44.79      | Yes           | 18.82          | -25.97        |
| 5360   | 11/23/2021 | 4          | 4        | 44.83      | Yes           | 18.82          | -26.01        |
| 5361   | 11/23/2021 | 4          | 5        | 44.81      | Yes           | 18.82          | -25.99        |
| 5362   | 11/23/2021 | 4          | 6        | 44.83      | Yes           | 18.82          | -26.01        |
| 5363   | 11/23/2021 | 4          | 7        | 44.87      | Yes           | 18.82          | -26.05        |
| 5364   | 11/23/2021 | 4          | 8        | 44.97      | Yes           | 18.82          | -26.15        |
| 5365   | 11/23/2021 | 4          | 9        | 44.87      | Yes           | 18.82          | -26.05        |
| 5366   | 11/23/2021 | 4          | 10       | 44.97      | Yes           | 18.82          | -26.15        |
| 5367   | 11/23/2021 | 4          | 11       | 44.97      | Yes           | 18.82          | -26.15        |
| 5368   | 11/23/2021 | 4          | 12       | 44.23      | Yes           | 18.82          | -25.41        |
| 5369   | 11/23/2021 | 5          | 1        | 42.65      | Yes           | 18.82          | -23.83        |
| 5370   | 11/23/2021 | 5          | 2        | 43.29      | Yes           | 18.82          | -24.47        |
| 5371   | 11/23/2021 | 5          | 3        | 43.30      | Yes           | 18.82          | -24.48        |
| 5372   | 11/23/2021 | 5          | 4        | 43.88      | Yes           | 18.82          | -25.06        |
| 5373   | 11/23/2021 | 5          | 5        | 43.54      | Yes           | 18.82          | -24.72        |
| 5374   | 11/23/2021 | 5          | 6        | 43.54      | Yes           | 18.82          | -24.72        |
| 5375   | 11/23/2021 | 5          | 7        | 44.05      | Yes           | 18.82          | -25.23        |
| 5376   | 11/23/2021 | 5          | 8        | 43.98      | Yes           | 18.82          | -25.16        |
| 5377   | 11/23/2021 | 5          | 9        | 44.42      | Yes           | 18.82          | -25.60        |
| 5378   | 11/23/2021 | 5          | 10       | 44.42      | Yes           | 18.82          | -25.60        |
| 5379   | 11/23/2021 | 5          | 11       | 44.42      | Yes           | 18.82          | -25.60        |
| 5380   | 11/23/2021 | 5          | 12       | 44.05      | Yes           | 18.82          | -25.23        |
| 5381   | 11/23/2021 | 6          | 1        | 40.02      | Yes           | 18.82          | -21.20        |
| 5382   | 11/23/2021 | 6          | 2        | 41.00      | Yes           | 18.82          | -22.18        |
| 5383   | 11/23/2021 | 6          | 3        | 41.00      | Yes           | 18.82          | -22.18        |
| 5384   | 11/23/2021 | 6          | 4        | 42.29      | Yes           | 18.82          | -23.47        |
| 5385   | 11/23/2021 | 6          | 5        | 43.22      | Yes           | 18.82          | -24.40        |
| 5386   | 11/23/2021 | 6          | 6        | 43.48      | Yes           | 18.82          | -24.66        |
| 5387   | 11/23/2021 | 6          | 7        | 45.29      | Yes           | 18.82          | -26.47        |
| 5388   | 11/23/2021 | 6          | 8        | 45.40      | Yes           | 18.82          | -26.58        |
| 5389   | 11/23/2021 | 6          | 9        | 45.54      | Yes           | 18.82          | -26.72        |
| 5390   | 11/23/2021 | 6          | 10       | 45.64      | Yes           | 18.82          | -26.82        |
| 5391   | 11/23/2021 | 6          | 11       | 46.14      | Yes           | 18.82          | -27.32        |
| 5392   | 11/23/2021 | 6          | 12       | 46.84      | Yes           | 18.82          | -28.02        |

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| 5393   | 11/23/2021 | 7          | 1        | 47.15      | Yes           | 18.82          | -28.33        |
| 5394   | 11/23/2021 | 7          | 2        | 46.70      | Yes           | 18.82          | -27.88        |
| 5395   | 11/23/2021 | 7          | 3        | 47.15      | Yes           | 18.82          | -28.33        |
| 5396   | 11/23/2021 | 7          | 4        | 47.77      | Yes           | 18.82          | -28.95        |
| 5397   | 11/23/2021 | 7          | 5        | 47.88      | Yes           | 18.82          | -29.06        |
| 5398   | 11/23/2021 | 7          | 6        | 47.87      | Yes           | 18.82          | -29.05        |
| 5399   | 11/23/2021 | 7          | 7        | 48.49      | Yes           | 18.82          | -29.67        |
| 5400   | 11/23/2021 | 7          | 8        | 48.17      | Yes           | 18.82          | -29.35        |
| 5401   | 11/23/2021 | 8          | 1        | 54.24      | Yes           | 18.82          | -35.42        |
| 5402   | 11/23/2021 | 8          | 2        | 58.33      | Yes           | 18.82          | -39.51        |
| 5403   | 11/23/2021 | 8          | 3        | 54.49      | Yes           | 18.82          | -35.67        |
| 5404   | 11/23/2021 | 8          | 4        | 54.08      | Yes           | 18.82          | -35.26        |
| 5405   | 11/23/2021 | 8          | 5        | 52.02      | Yes           | 18.82          | -33.20        |
| 5406   | 11/23/2021 | 8          | 6        | 46.82      | Yes           | 18.82          | -28.00        |
| 5407   | 11/23/2021 | 8          | 7        | 46.40      | Yes           | 18.82          | -27.58        |
| 5408   | 11/23/2021 | 8          | 8        | 45.03      | Yes           | 18.82          | -26.21        |
| 5409   | 11/23/2021 | 8          | 9        | 41.89      | Yes           | 18.82          | -23.07        |
| 5410   | 11/23/2021 | 8          | 10       | 41.01      | Yes           | 18.82          | -22.19        |
| 5411   | 11/23/2021 | 8          | 11       | 40.13      | Yes           | 18.82          | -21.31        |
| 5412   | 11/23/2021 | 8          | 12       | 40.08      | Yes           | 18.82          | -21.26        |
| 5413   | 11/23/2021 | 9          | 1        | 46.10      | Yes           | 18.82          | -27.28        |
| 5414   | 11/23/2021 | 9          | 2        | 48.69      | Yes           | 18.82          | -29.87        |
| 5415   | 11/23/2021 | 9          | 3        | 46.77      | Yes           | 18.82          | -27.95        |
| 5416   | 11/23/2021 | 9          | 4        | 43.68      | Yes           | 18.82          | -24.86        |
| 5417   | 11/23/2021 | 9          | 5        | 41.46      | Yes           | 18.82          | -22.64        |
| 5418   | 11/23/2021 | 9          | 6        | 40.09      | Yes           | 18.82          | -21.27        |
| 5419   | 11/23/2021 | 9          | 7        | 39.98      | Yes           | 18.82          | -21.16        |
| 5420   | 11/23/2021 | 9          | 8        | 39.98      | Yes           | 18.82          | -21.16        |
| 5421   | 11/23/2021 | 9          | 9        | 39.02      | Yes           | 18.82          | -20.20        |
| 5422   | 11/23/2021 | 9          | 10       | 40.13      | Yes           | 18.82          | -21.31        |
| 5423   | 11/23/2021 | 9          | 11       | 39.58      | Yes           | 18.82          | -20.76        |
| 5424   | 11/23/2021 | 9          | 12       | 37.26      | Yes           | 18.82          | -18.44        |
| 5425   | 11/23/2021 | 10         | 1        | 44.02      | Yes           | 18.82          | -25.20        |
| 5426   | 11/23/2021 | 10         | 2        | 41.08      | Yes           | 18.82          | -22.26        |
| 5427   | 11/23/2021 | 10         | 3        | 41.08      | Yes           | 18.82          | -22.26        |
| 5428   | 11/23/2021 | 10         | 4        | 41.22      | Yes           | 18.82          | -22.40        |
| 5429   | 11/23/2021 | 10         | 5        | 40.21      | Yes           | 18.82          | -21.39        |
| 5430   | 11/23/2021 | 10         | 6        | 40.21      | Yes           | 18.82          | -21.39        |

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| 5431   | 11/23/2021 | 10         | 7        | 38.69      | Yes           | 18.82          | -19.87        |
| 5432   | 11/23/2021 | 10         | 8        | 39.28      | Yes           | 18.82          | -20.46        |
| 5433   | 11/23/2021 | 10         | 9        | 39.28      | Yes           | 18.82          | -20.46        |
| 5434   | 11/23/2021 | 10         | 10       | 38.57      | Yes           | 18.82          | -19.75        |
| 5435   | 11/23/2021 | 10         | 11       | 38.57      | Yes           | 18.82          | -19.75        |
| 5436   | 11/23/2021 | 10         | 12       | 37.36      | Yes           | 18.82          | -18.54        |
| 5437   | 11/23/2021 | 11         | 1        | 39.34      | Yes           | 18.82          | -20.52        |
| 5438   | 11/23/2021 | 11         | 2        | 34.51      | Yes           | 18.82          | -15.69        |
| 5439   | 11/23/2021 | 11         | 3        | 38.27      | Yes           | 18.82          | -19.45        |
| 5440   | 11/23/2021 | 11         | 4        | 38.00      | Yes           | 18.82          | -19.18        |
| 5441   | 11/23/2021 | 11         | 5        | 38.15      | Yes           | 18.82          | -19.33        |
| 5442   | 11/23/2021 | 11         | 6        | 38.15      | Yes           | 18.82          | -19.33        |
| 5443   | 11/23/2021 | 11         | 7        | 36.45      | Yes           | 18.82          | -17.63        |
| 5444   | 11/23/2021 | 11         | 8        | 35.53      | Yes           | 18.82          | -16.71        |
| 5445   | 11/23/2021 | 11         | 9        | 35.72      | Yes           | 18.82          | -16.90        |
| 5446   | 11/23/2021 | 11         | 10       | 35.79      | Yes           | 18.82          | -16.97        |
| 5447   | 11/23/2021 | 11         | 11       | 35.79      | Yes           | 18.82          | -16.97        |
| 5448   | 11/23/2021 | 11         | 12       | 31.66      | Yes           | 18.82          | -12.84        |
| 5449   | 11/23/2021 | 12         | 1        | 27.54      | Yes           | 18.82          | -8.72         |
| 5450   | 11/23/2021 | 12         | 2        | 29.23      | Yes           | 18.82          | -10.41        |
| 5451   | 11/23/2021 | 12         | 3        | 29.29      | Yes           | 18.82          | -10.47        |
| 5452   | 11/23/2021 | 12         | 4        | 26.96      | Yes           | 18.82          | -8.14         |
| 5453   | 11/23/2021 | 12         | 5        | 25.79      | Yes           | 18.82          | -6.97         |
| 5454   | 11/23/2021 | 12         | 6        | 26.79      | Yes           | 18.82          | -7.97         |
| 5455   | 11/23/2021 | 12         | 7        | 26.44      | Yes           | 18.82          | -7.62         |
| 5456   | 11/23/2021 | 12         | 8        | 26.41      | Yes           | 18.82          | -7.59         |
| 5457   | 11/23/2021 | 12         | 9        | 25.64      | Yes           | 18.82          | -6.82         |
| 5458   | 11/23/2021 | 12         | 10       | 25.57      | Yes           | 18.82          | -6.75         |
| 5459   | 11/23/2021 | 12         | 11       | 25.57      | Yes           | 18.82          | -6.75         |
| 5460   | 11/23/2021 | 12         | 12       | 25.57      | Yes           | 18.82          | -6.75         |
| 5461   | 11/23/2021 | 13         | 1        | 26.29      | Yes           | 18.82          | -7.47         |
| 5462   | 11/23/2021 | 13         | 2        | 26.44      | Yes           | 18.82          | -7.62         |
| 5463   | 11/23/2021 | 13         | 3        | 25.35      | Yes           | 18.82          | -6.53         |
| 5464   | 11/23/2021 | 13         | 4        | 26.24      | Yes           | 18.82          | -7.42         |
| 5465   | 11/23/2021 | 13         | 5        | 22.85      | Yes           | 18.82          | -4.03         |
| 5466   | 11/23/2021 | 13         | 6        | 19.50      | Yes           | 18.82          | -0.68         |
| 5467   | 11/23/2021 | 13         | 7        | 15.79      | Yes           | 18.82          | 3.03          |
| 5468   | 11/23/2021 | 13         | 8        | 21.66      | Yes           | 18.82          | -2.84         |

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| 5469   | 11/23/2021 | 13         | 9        | 18.91      | Yes           | 18.82          | -0.09         |
| 5470   | 11/23/2021 | 13         | 10       | 0.00       | Yes           | 18.82          | 18.82         |
| 5471   | 11/23/2021 | 13         | 11       | 0.00       | Yes           | 18.82          | 18.82         |
| 5472   | 11/23/2021 | 13         | 12       | 3.69       | Yes           | 18.82          | 15.13         |
| 5473   | 11/23/2021 | 14         | 1        | 14.67      | Yes           | 18.82          | 4.15          |
| 5474   | 11/23/2021 | 14         | 2        | 0.00       | Yes           | 18.82          | 18.82         |
| 5475   | 11/23/2021 | 14         | 3        | -0.01      | Yes           | 18.82          | 18.83         |
| 5476   | 11/23/2021 | 14         | 4        | -0.01      | Yes           | 18.82          | 18.83         |
| 5477   | 11/23/2021 | 14         | 5        | -0.01      | Yes           | 18.82          | 18.83         |
| 5478   | 11/23/2021 | 14         | 6        | 0.00       | Yes           | 18.82          | 18.82         |
| 5479   | 11/23/2021 | 14         | 7        | -0.01      | Yes           | 18.82          | 18.83         |
| 5480   | 11/23/2021 | 14         | 8        | 0.00       | Yes           | 18.82          | 18.82         |
| 5481   | 11/23/2021 | 14         | 9        | 0.00       | Yes           | 18.82          | 18.82         |
| 5482   | 11/23/2021 | 14         | 10       | 1.03       | Yes           | 18.82          | 17.79         |
| 5483   | 11/23/2021 | 14         | 11       | 1.03       | Yes           | 18.82          | 17.79         |
| 5484   | 11/23/2021 | 14         | 12       | 1.03       | Yes           | 18.82          | 17.79         |
| 5485   | 11/23/2021 | 15         | 1        | 24.87      | Yes           | 18.82          | -6.05         |
| 5486   | 11/23/2021 | 15         | 2        | 24.22      | Yes           | 18.82          | -5.40         |
| 5487   | 11/23/2021 | 15         | 3        | 25.79      | Yes           | 18.82          | -6.97         |
| 5488   | 11/23/2021 | 15         | 4        | 24.44      | Yes           | 18.82          | -5.62         |
| 5489   | 11/23/2021 | 15         | 5        | 21.97      | Yes           | 18.82          | -3.15         |
| 5490   | 11/23/2021 | 15         | 6        | 24.91      | Yes           | 18.82          | -6.09         |
| 5491   | 11/23/2021 | 15         | 7        | 24.91      | Yes           | 18.82          | -6.09         |
| 5492   | 11/23/2021 | 15         | 8        | 24.91      | Yes           | 18.82          | -6.09         |
| 5493   | 11/23/2021 | 15         | 9        | 29.40      | Yes           | 18.82          | -10.58        |
| 5494   | 11/23/2021 | 15         | 10       | 29.36      | Yes           | 18.82          | -10.54        |
| 5495   | 11/23/2021 | 15         | 11       | 34.50      | Yes           | 18.82          | -15.68        |
| 5496   | 11/23/2021 | 15         | 12       | 36.43      | Yes           | 18.82          | -17.61        |
| 5497   | 11/23/2021 | 16         | 1        | 24.41      | Yes           | 18.82          | -5.59         |
| 5498   | 11/23/2021 | 16         | 2        | 20.27      | Yes           | 18.82          | -1.45         |
| 5499   | 11/23/2021 | 16         | 3        | 27.96      | Yes           | 18.82          | -9.14         |
| 5500   | 11/23/2021 | 16         | 4        | 34.40      | Yes           | 18.82          | -15.58        |
| 5501   | 11/23/2021 | 16         | 5        | 38.71      | Yes           | 18.82          | -19.89        |
| 5502   | 11/23/2021 | 16         | 6        | 44.21      | Yes           | 18.82          | -25.39        |
| 5503   | 11/23/2021 | 16         | 7        | 45.32      | Yes           | 18.82          | -26.50        |
| 5504   | 11/23/2021 | 16         | 8        | 47.74      | Yes           | 18.82          | -28.92        |
| 5505   | 11/23/2021 | 16         | 9        | 51.77      | Yes           | 18.82          | -32.95        |
| 5506   | 11/23/2021 | 16         | 10       | 55.32      | Yes           | 18.82          | -36.50        |

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| 5507   | 11/23/2021 | 16         | 11       | 63.27      | Yes           | 18.82          | -44.45        |
| 5508   | 11/23/2021 | 16         | 12       | 65.07      | Yes           | 18.82          | -46.25        |
| 5509   | 11/23/2021 | 17         | 1        | 37.01      | Yes           | 18.82          | -18.19        |
| 5510   | 11/23/2021 | 17         | 2        | 37.62      | Yes           | 18.82          | -18.80        |
| 5511   | 11/23/2021 | 17         | 3        | 40.41      | Yes           | 18.82          | -21.59        |
| 5512   | 11/23/2021 | 17         | 4        | 42.18      | Yes           | 18.82          | -23.36        |
| 5513   | 11/23/2021 | 17         | 5        | 42.18      | Yes           | 18.82          | -23.36        |
| 5514   | 11/23/2021 | 17         | 6        | 43.15      | Yes           | 18.82          | -24.33        |
| 5515   | 11/23/2021 | 17         | 7        | 44.08      | Yes           | 18.82          | -25.26        |
| 5516   | 11/23/2021 | 17         | 8        | 44.66      | Yes           | 18.82          | -25.84        |
| 5517   | 11/23/2021 | 17         | 9        | 47.11      | Yes           | 18.82          | -28.29        |
| 5518   | 11/23/2021 | 17         | 10       | 50.67      | Yes           | 18.82          | -31.85        |
| 5519   | 11/23/2021 | 17         | 11       | 52.60      | Yes           | 18.82          | -33.78        |
| 5520   | 11/23/2021 | 17         | 12       | 52.18      | Yes           | 18.82          | -33.36        |
| 5521   | 11/23/2021 | 18         | 1        | 43.54      | Yes           | 18.82          | -24.72        |
| 5522   | 11/23/2021 | 18         | 2        | 42.63      | Yes           | 18.82          | -23.81        |
| 5523   | 11/23/2021 | 18         | 3        | 42.84      | Yes           | 18.82          | -24.02        |
| 5524   | 11/23/2021 | 18         | 4        | 43.23      | Yes           | 18.82          | -24.41        |
| 5525   | 11/23/2021 | 18         | 5        | 43.99      | Yes           | 18.82          | -25.17        |
| 5526   | 11/23/2021 | 18         | 6        | 44.23      | Yes           | 18.82          | -25.41        |
| 5527   | 11/23/2021 | 18         | 7        | 45.71      | Yes           | 18.82          | -26.89        |
| 5528   | 11/23/2021 | 18         | 8        | 45.40      | Yes           | 18.82          | -26.58        |
| 5529   | 11/23/2021 | 18         | 9        | 45.03      | Yes           | 18.82          | -26.21        |
| 5530   | 11/23/2021 | 18         | 10       | 42.19      | Yes           | 18.82          | -23.37        |
| 5531   | 11/23/2021 | 18         | 11       | 42.04      | Yes           | 18.82          | -23.22        |
| 5532   | 11/23/2021 | 18         | 12       | 41.72      | Yes           | 18.82          | -22.90        |
| 5533   | 11/23/2021 | 19         | 1        | 44.29      | Yes           | 18.82          | -25.47        |
| 5534   | 11/23/2021 | 19         | 2        | 43.02      | Yes           | 18.82          | -24.20        |
| 5535   | 11/23/2021 | 19         | 3        | 42.84      | Yes           | 18.82          | -24.02        |
| 5536   | 11/23/2021 | 19         | 4        | 42.40      | Yes           | 18.82          | -23.58        |
| 5537   | 11/23/2021 | 19         | 5        | 43.54      | Yes           | 18.82          | -24.72        |
| 5538   | 11/23/2021 | 19         | 6        | 43.67      | Yes           | 18.82          | -24.85        |
| 5539   | 11/23/2021 | 19         | 7        | 42.31      | Yes           | 18.82          | -23.49        |
| 5540   | 11/23/2021 | 19         | 8        | 42.39      | Yes           | 18.82          | -23.57        |
| 5541   | 11/23/2021 | 19         | 9        | 42.31      | Yes           | 18.82          | -23.49        |
| 5542   | 11/23/2021 | 19         | 10       | 43.94      | Yes           | 18.82          | -25.12        |
| 5543   | 11/23/2021 | 19         | 11       | 44.14      | Yes           | 18.82          | -25.32        |
| 5544   | 11/23/2021 | 19         | 12       | 43.32      | Yes           | 18.82          | -24.50        |

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| 5545   | 11/23/2021 | 20         | 1        | 45.79      | Yes           | 18.82          | -26.97        |
| 5546   | 11/23/2021 | 20         | 2        | 45.79      | Yes           | 18.82          | -26.97        |
| 5547   | 11/23/2021 | 20         | 3        | 45.06      | Yes           | 18.82          | -26.24        |
| 5548   | 11/23/2021 | 20         | 4        | 44.43      | Yes           | 18.82          | -25.61        |
| 5549   | 11/23/2021 | 20         | 5        | 44.83      | Yes           | 18.82          | -26.01        |
| 5550   | 11/23/2021 | 20         | 6        | 45.03      | Yes           | 18.82          | -26.21        |
| 5551   | 11/23/2021 | 20         | 7        | 52.54      | Yes           | 18.82          | -33.72        |
| 5552   | 11/23/2021 | 20         | 8        | 53.60      | Yes           | 18.82          | -34.78        |
| 5553   | 11/23/2021 | 20         | 9        | 51.58      | Yes           | 18.82          | -32.76        |
| 5554   | 11/23/2021 | 20         | 10       | 50.54      | Yes           | 18.82          | -31.72        |
| 5555   | 11/23/2021 | 20         | 11       | 49.27      | Yes           | 18.82          | -30.45        |
| 5556   | 11/23/2021 | 20         | 12       | 49.17      | Yes           | 18.82          | -30.35        |
| 5557   | 11/23/2021 | 21         | 1        | 49.89      | Yes           | 18.82          | -31.07        |
| 5558   | 11/23/2021 | 21         | 2        | 50.42      | Yes           | 18.82          | -31.60        |
| 5559   | 11/23/2021 | 21         | 3        | 49.68      | Yes           | 18.82          | -30.86        |
| 5560   | 11/23/2021 | 21         | 4        | 48.55      | Yes           | 18.82          | -29.73        |
| 5561   | 11/23/2021 | 21         | 5        | 49.32      | Yes           | 18.82          | -30.50        |
| 5562   | 11/23/2021 | 21         | 6        | 48.09      | Yes           | 18.82          | -29.27        |
| 5563   | 11/23/2021 | 21         | 7        | 48.26      | Yes           | 18.82          | -29.44        |
| 5564   | 11/23/2021 | 21         | 8        | 47.12      | Yes           | 18.82          | -28.30        |
| 5565   | 11/23/2021 | 21         | 9        | 45.81      | Yes           | 18.82          | -26.99        |
| 5566   | 11/23/2021 | 21         | 10       | 45.84      | Yes           | 18.82          | -27.02        |
| 5567   | 11/23/2021 | 21         | 11       | 45.84      | Yes           | 18.82          | -27.02        |
| 5568   | 11/23/2021 | 21         | 12       | 45.65      | Yes           | 18.82          | -26.83        |
| 5569   | 11/23/2021 | 22         | 1        | 49.68      | Yes           | 18.82          | -30.86        |
| 5570   | 11/23/2021 | 22         | 2        | 49.65      | Yes           | 18.82          | -30.83        |
| 5571   | 11/23/2021 | 22         | 3        | 49.34      | Yes           | 18.82          | -30.52        |
| 5572   | 11/23/2021 | 22         | 4        | 49.05      | Yes           | 18.82          | -30.23        |
| 5573   | 11/23/2021 | 22         | 5        | 49.09      | Yes           | 18.82          | -30.27        |
| 5574   | 11/23/2021 | 22         | 6        | 48.65      | Yes           | 18.82          | -29.83        |
| 5575   | 11/23/2021 | 22         | 7        | 49.32      | Yes           | 18.82          | -30.50        |
| 5576   | 11/23/2021 | 22         | 8        | 48.28      | Yes           | 18.82          | -29.46        |
| 5577   | 11/23/2021 | 22         | 9        | 46.29      | Yes           | 18.82          | -27.47        |
| 5578   | 11/23/2021 | 22         | 10       | 44.51      | Yes           | 18.82          | -25.69        |
| 5579   | 11/23/2021 | 22         | 11       | 44.55      | Yes           | 18.82          | -25.73        |
| 5580   | 11/23/2021 | 22         | 12       | 44.51      | Yes           | 18.82          | -25.69        |
| 5581   | 11/23/2021 | 23         | 1        | 49.28      | Yes           | 18.82          | -30.46        |
| 5582   | 11/23/2021 | 23         | 2        | 50.11      | Yes           | 18.82          | -31.29        |



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| 5583   | 11/23/2021 | 23         | 3        | 49.94      | Yes           | 18.82          | -31.12        |
| 5584   | 11/23/2021 | 23         | 4        | 50.98      | Yes           | 18.82          | -32.16        |
| 5585   | 11/23/2021 | 23         | 5        | 50.56      | Yes           | 18.82          | -31.74        |
| 5586   | 11/23/2021 | 23         | 6        | 49.23      | Yes           | 18.82          | -30.41        |
| 5587   | 11/23/2021 | 23         | 7        | 49.34      | Yes           | 18.82          | -30.52        |
| 5588   | 11/23/2021 | 23         | 8        | 48.03      | Yes           | 18.82          | -29.21        |
| 5589   | 11/23/2021 | 23         | 9        | 48.40      | Yes           | 18.82          | -29.58        |
| 5590   | 11/23/2021 | 23         | 10       | 47.33      | Yes           | 18.82          | -28.51        |
| 5591   | 11/23/2021 | 23         | 11       | 47.33      | Yes           | 18.82          | -28.51        |
| 5592   | 11/23/2021 | 23         | 12       | 47.17      | Yes           | 18.82          | -28.35        |
| 5593   | 11/23/2021 | 24         | 1        | 47.11      | Yes           | 18.82          | -28.29        |
| 5594   | 11/23/2021 | 24         | 2        | 47.45      | Yes           | 18.82          | -28.63        |
| 5595   | 11/23/2021 | 24         | 3        | 47.17      | Yes           | 18.82          | -28.35        |
| 5596   | 11/23/2021 | 24         | 4        | 46.42      | Yes           | 18.82          | -27.60        |
| 5597   | 11/23/2021 | 24         | 5        | 46.00      | Yes           | 18.82          | -27.18        |
| 5598   | 11/23/2021 | 24         | 6        | 45.06      | Yes           | 18.82          | -26.24        |
| 5599   | 11/23/2021 | 24         | 7        | 43.43      | Yes           | 18.82          | -24.61        |
| 5600   | 11/23/2021 | 24         | 8        | 43.43      | Yes           | 18.82          | -24.61        |
| 5601   | 11/23/2021 | 24         | 9        | 43.51      | Yes           | 18.82          | -24.69        |
| 5602   | 11/23/2021 | 24         | 10       | 42.83      | Yes           | 18.82          | -24.01        |
| 5603   | 11/23/2021 | 24         | 11       | 42.76      | Yes           | 18.82          | -23.94        |
| 5604   | 11/23/2021 | 24         | 12       | 43.51      | Yes           | 18.82          | -24.69        |
| 5605   | 11/24/2021 | 1          | 1        | 47.36      | Yes           | 19.19          | -28.17        |
| 5606   | 11/24/2021 | 1          | 2        | 48.47      | Yes           | 19.19          | -29.28        |
| 5607   | 11/24/2021 | 1          | 3        | 50.08      | Yes           | 19.19          | -30.89        |
| 5608   | 11/24/2021 | 1          | 4        | 49.13      | Yes           | 19.19          | -29.94        |
| 5609   | 11/24/2021 | 1          | 5        | 49.72      | Yes           | 19.19          | -30.53        |
| 5610   | 11/24/2021 | 1          | 6        | 49.72      | Yes           | 19.19          | -30.53        |
| 5611   | 11/24/2021 | 1          | 7        | 53.28      | Yes           | 19.19          | -34.09        |
| 5612   | 11/24/2021 | 1          | 8        | 53.04      | Yes           | 19.19          | -33.85        |
| 5613   | 11/24/2021 | 1          | 9        | 53.72      | Yes           | 19.19          | -34.53        |
| 5614   | 11/24/2021 | 1          | 10       | 52.74      | Yes           | 19.19          | -33.55        |
| 5615   | 11/24/2021 | 1          | 11       | 51.79      | Yes           | 19.19          | -32.60        |
| 5616   | 11/24/2021 | 1          | 12       | 51.47      | Yes           | 19.19          | -32.28        |
| 5617   | 11/24/2021 | 2          | 1        | 52.34      | Yes           | 19.19          | -33.15        |
| 5618   | 11/24/2021 | 2          | 2        | 52.74      | Yes           | 19.19          | -33.55        |
| 5619   | 11/24/2021 | 2          | 3        | 52.97      | Yes           | 19.19          | -33.78        |
| 5620   | 11/24/2021 | 2          | 4        | 52.28      | Yes           | 19.19          | -33.09        |

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| 5621   | 11/24/2021 | 2          | 5        | 52.14      | Yes           | 19.19          | -32.95        |
| 5622   | 11/24/2021 | 2          | 6        | 51.60      | Yes           | 19.19          | -32.41        |
| 5623   | 11/24/2021 | 2          | 7        | 50.29      | Yes           | 19.19          | -31.10        |
| 5624   | 11/24/2021 | 2          | 8        | 50.11      | Yes           | 19.19          | -30.92        |
| 5625   | 11/24/2021 | 2          | 9        | 49.60      | Yes           | 19.19          | -30.41        |
| 5626   | 11/24/2021 | 2          | 10       | 49.53      | Yes           | 19.19          | -30.34        |
| 5627   | 11/24/2021 | 2          | 11       | 49.98      | Yes           | 19.19          | -30.79        |
| 5628   | 11/24/2021 | 2          | 12       | 49.53      | Yes           | 19.19          | -30.34        |
| 5629   | 11/24/2021 | 3          | 1        | 50.05      | Yes           | 19.19          | -30.86        |
| 5630   | 11/24/2021 | 3          | 2        | 49.94      | Yes           | 19.19          | -30.75        |
| 5631   | 11/24/2021 | 3          | 3        | 48.97      | Yes           | 19.19          | -29.78        |
| 5632   | 11/24/2021 | 3          | 4        | 48.04      | Yes           | 19.19          | -28.85        |
| 5633   | 11/24/2021 | 3          | 5        | 46.91      | Yes           | 19.19          | -27.72        |
| 5634   | 11/24/2021 | 3          | 6        | 46.38      | Yes           | 19.19          | -27.19        |
| 5635   | 11/24/2021 | 3          | 7        | 48.34      | Yes           | 19.19          | -29.15        |
| 5636   | 11/24/2021 | 3          | 8        | 46.19      | Yes           | 19.19          | -27.00        |
| 5637   | 11/24/2021 | 3          | 9        | 45.48      | Yes           | 19.19          | -26.29        |
| 5638   | 11/24/2021 | 3          | 10       | 43.75      | Yes           | 19.19          | -24.56        |
| 5639   | 11/24/2021 | 3          | 11       | 46.77      | Yes           | 19.19          | -27.58        |
| 5640   | 11/24/2021 | 3          | 12       | 44.61      | Yes           | 19.19          | -25.42        |
| 5641   | 11/24/2021 | 4          | 1        | 44.81      | Yes           | 19.19          | -25.62        |
| 5642   | 11/24/2021 | 4          | 2        | 44.39      | Yes           | 19.19          | -25.20        |
| 5643   | 11/24/2021 | 4          | 3        | 43.92      | Yes           | 19.19          | -24.73        |
| 5644   | 11/24/2021 | 4          | 4        | 44.02      | Yes           | 19.19          | -24.83        |
| 5645   | 11/24/2021 | 4          | 5        | 42.39      | Yes           | 19.19          | -23.20        |
| 5646   | 11/24/2021 | 4          | 6        | 42.34      | Yes           | 19.19          | -23.15        |
| 5647   | 11/24/2021 | 4          | 7        | 43.09      | Yes           | 19.19          | -23.90        |
| 5648   | 11/24/2021 | 4          | 8        | 42.46      | Yes           | 19.19          | -23.27        |
| 5649   | 11/24/2021 | 4          | 9        | 42.22      | Yes           | 19.19          | -23.03        |
| 5650   | 11/24/2021 | 4          | 10       | 42.45      | Yes           | 19.19          | -23.26        |
| 5651   | 11/24/2021 | 4          | 11       | 43.12      | Yes           | 19.19          | -23.93        |
| 5652   | 11/24/2021 | 4          | 12       | 42.62      | Yes           | 19.19          | -23.43        |
| 5653   | 11/24/2021 | 5          | 1        | 41.31      | Yes           | 19.19          | -22.12        |
| 5654   | 11/24/2021 | 5          | 2        | 42.21      | Yes           | 19.19          | -23.02        |
| 5655   | 11/24/2021 | 5          | 3        | 45.03      | Yes           | 19.19          | -25.84        |
| 5656   | 11/24/2021 | 5          | 4        | 47.07      | Yes           | 19.19          | -27.88        |
| 5657   | 11/24/2021 | 5          | 5        | 50.18      | Yes           | 19.19          | -30.99        |
| 5658   | 11/24/2021 | 5          | 6        | 50.65      | Yes           | 19.19          | -31.46        |

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| 5659   | 11/24/2021 | 5          | 7        | 51.41      | Yes           | 19.19          | -32.22        |
| 5660   | 11/24/2021 | 5          | 8        | 52.51      | Yes           | 19.19          | -33.32        |
| 5661   | 11/24/2021 | 5          | 9        | 52.82      | Yes           | 19.19          | -33.63        |
| 5662   | 11/24/2021 | 5          | 10       | 53.26      | Yes           | 19.19          | -34.07        |
| 5663   | 11/24/2021 | 5          | 11       | 53.59      | Yes           | 19.19          | -34.40        |
| 5664   | 11/24/2021 | 5          | 12       | 54.04      | Yes           | 19.19          | -34.85        |
| 5665   | 11/24/2021 | 6          | 1        | 50.13      | Yes           | 19.19          | -30.94        |
| 5666   | 11/24/2021 | 6          | 2        | 50.10      | Yes           | 19.19          | -30.91        |
| 5667   | 11/24/2021 | 6          | 3        | 51.34      | Yes           | 19.19          | -32.15        |
| 5668   | 11/24/2021 | 6          | 4        | 52.44      | Yes           | 19.19          | -33.25        |
| 5669   | 11/24/2021 | 6          | 5        | 53.61      | Yes           | 19.19          | -34.42        |
| 5670   | 11/24/2021 | 6          | 6        | 55.09      | Yes           | 19.19          | -35.90        |
| 5671   | 11/24/2021 | 6          | 7        | 57.07      | Yes           | 19.19          | -37.88        |
| 5672   | 11/24/2021 | 6          | 8        | 57.99      | Yes           | 19.19          | -38.80        |
| 5673   | 11/24/2021 | 6          | 9        | 60.63      | Yes           | 19.19          | -41.44        |
| 5674   | 11/24/2021 | 6          | 10       | 61.77      | Yes           | 19.19          | -42.58        |
| 5675   | 11/24/2021 | 6          | 11       | 61.04      | Yes           | 19.19          | -41.85        |
| 5676   | 11/24/2021 | 6          | 12       | 61.97      | Yes           | 19.19          | -42.78        |
| 5677   | 11/24/2021 | 7          | 1        | 56.60      | Yes           | 19.19          | -37.41        |
| 5678   | 11/24/2021 | 7          | 2        | 58.41      | Yes           | 19.19          | -39.22        |
| 5679   | 11/24/2021 | 7          | 3        | 59.44      | Yes           | 19.19          | -40.25        |
| 5680   | 11/24/2021 | 7          | 4        | 60.85      | Yes           | 19.19          | -41.66        |
| 5681   | 11/24/2021 | 7          | 5        | 61.82      | Yes           | 19.19          | -42.63        |
| 5682   | 11/24/2021 | 7          | 6        | 62.58      | Yes           | 19.19          | -43.39        |
| 5683   | 11/24/2021 | 7          | 7        | 64.60      | Yes           | 19.19          | -45.41        |
| 5684   | 11/24/2021 | 7          | 8        | 66.46      | Yes           | 19.19          | -47.27        |
| 5685   | 11/24/2021 | 7          | 9        | 66.83      | Yes           | 19.19          | -47.64        |
| 5686   | 11/24/2021 | 7          | 10       | 69.82      | Yes           | 19.19          | -50.63        |
| 5687   | 11/24/2021 | 7          | 11       | 67.43      | Yes           | 19.19          | -48.24        |
| 5688   | 11/24/2021 | 7          | 12       | 71.88      | Yes           | 19.19          | -52.69        |
| 5689   | 11/24/2021 | 8          | 1        | 90.04      | Yes           | 19.19          | -70.85        |
| 5690   | 11/24/2021 | 8          | 2        | 88.80      | Yes           | 19.19          | -69.61        |
| 5691   | 11/24/2021 | 8          | 3        | 84.99      | Yes           | 19.19          | -65.80        |
| 5692   | 11/24/2021 | 8          | 4        | 75.20      | Yes           | 19.19          | -56.01        |
| 5693   | 11/24/2021 | 8          | 5        | 68.78      | Yes           | 19.19          | -49.59        |
| 5694   | 11/24/2021 | 8          | 6        | 65.47      | Yes           | 19.19          | -46.28        |
| 5695   | 11/24/2021 | 8          | 7        | 62.17      | Yes           | 19.19          | -42.98        |
| 5696   | 11/24/2021 | 8          | 8        | 60.44      | Yes           | 19.19          | -41.25        |

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| 5697   | 11/24/2021 | 8          | 9        | 55.92      | Yes           | 19.19          | -36.73        |
| 5698   | 11/24/2021 | 8          | 10       | 37.10      | Yes           | 19.19          | -17.91        |
| 5699   | 11/24/2021 | 9          | 1        | 51.00      | Yes           | 19.19          | -31.81        |
| 5700   | 11/24/2021 | 9          | 2        | 54.26      | Yes           | 19.19          | -35.07        |
| 5701   | 11/24/2021 | 9          | 3        | 50.60      | Yes           | 19.19          | -31.41        |
| 5702   | 11/24/2021 | 9          | 4        | 36.87      | Yes           | 19.19          | -17.68        |
| 5703   | 11/24/2021 | 9          | 5        | 28.76      | Yes           | 19.19          | -9.57         |
| 5704   | 11/24/2021 | 9          | 6        | 12.20      | Yes           | 19.19          | 6.99          |
| 5705   | 11/24/2021 | 9          | 7        | 25.59      | Yes           | 19.19          | -6.40         |
| 5706   | 11/24/2021 | 9          | 8        | 0.00       | Yes           | 19.19          | 19.19         |
| 5707   | 11/24/2021 | 9          | 9        | 0.00       | Yes           | 19.19          | 19.19         |
| 5708   | 11/24/2021 | 9          | 10       | 0.00       | Yes           | 19.19          | 19.19         |
| 5709   | 11/24/2021 | 9          | 11       | 0.00       | Yes           | 19.19          | 19.19         |
| 5710   | 11/24/2021 | 9          | 12       | 0.00       | Yes           | 19.19          | 19.19         |
| 5711   | 11/24/2021 | 10         | 1        | 0.00       | Yes           | 19.19          | 19.19         |
| 5712   | 11/24/2021 | 10         | 2        | 36.52      | Yes           | 19.19          | -17.33        |
| 5713   | 11/24/2021 | 10         | 3        | 33.02      | Yes           | 19.19          | -13.83        |
| 5714   | 11/24/2021 | 10         | 4        | 53.88      | Yes           | 19.19          | -34.69        |
| 5715   | 11/24/2021 | 10         | 5        | 61.68      | Yes           | 19.19          | -42.49        |
| 5716   | 11/24/2021 | 10         | 6        | 57.25      | Yes           | 19.19          | -38.06        |
| 5717   | 11/24/2021 | 10         | 7        | 51.77      | Yes           | 19.19          | -32.58        |
| 5718   | 11/24/2021 | 10         | 8        | 55.48      | Yes           | 19.19          | -36.29        |
| 5719   | 11/24/2021 | 10         | 9        | 47.64      | Yes           | 19.19          | -28.45        |
| 5720   | 11/24/2021 | 10         | 10       | 45.30      | Yes           | 19.19          | -26.11        |
| 5721   | 11/24/2021 | 10         | 11       | 46.27      | Yes           | 19.19          | -27.08        |
| 5722   | 11/24/2021 | 10         | 12       | 37.62      | Yes           | 19.19          | -18.43        |
| 5723   | 11/24/2021 | 11         | 1        | 41.44      | Yes           | 19.19          | -22.25        |
| 5724   | 11/24/2021 | 11         | 2        | 41.36      | Yes           | 19.19          | -22.17        |
| 5725   | 11/24/2021 | 11         | 3        | 40.78      | Yes           | 19.19          | -21.59        |
| 5726   | 11/24/2021 | 11         | 4        | 22.49      | Yes           | 19.19          | -3.30         |
| 5727   | 11/24/2021 | 11         | 5        | 29.46      | Yes           | 19.19          | -10.27        |
| 5728   | 11/24/2021 | 11         | 6        | 34.20      | Yes           | 19.19          | -15.01        |
| 5729   | 11/24/2021 | 11         | 7        | 0.00       | Yes           | 19.19          | 19.19         |
| 5730   | 11/24/2021 | 11         | 8        | -0.01      | Yes           | 19.19          | 19.20         |
| 5731   | 11/24/2021 | 11         | 9        | 0.01       | Yes           | 19.19          | 19.18         |
| 5732   | 11/24/2021 | 11         | 10       | 33.75      | Yes           | 19.19          | -14.56        |
| 5733   | 11/24/2021 | 11         | 11       | 41.51      | Yes           | 19.19          | -22.32        |
| 5734   | 11/24/2021 | 11         | 12       | 45.17      | Yes           | 19.19          | -25.98        |

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| 5735   | 11/24/2021 | 12         | 1        | 42.58      | Yes           | 19.19          | -23.39        |
| 5736   | 11/24/2021 | 12         | 2        | 41.53      | Yes           | 19.19          | -22.34        |
| 5737   | 11/24/2021 | 12         | 3        | 43.92      | Yes           | 19.19          | -24.73        |
| 5738   | 11/24/2021 | 12         | 4        | 42.49      | Yes           | 19.19          | -23.30        |
| 5739   | 11/24/2021 | 12         | 5        | 41.14      | Yes           | 19.19          | -21.95        |
| 5740   | 11/24/2021 | 12         | 6        | 42.30      | Yes           | 19.19          | -23.11        |
| 5741   | 11/24/2021 | 12         | 7        | 41.04      | Yes           | 19.19          | -21.85        |
| 5742   | 11/24/2021 | 12         | 8        | 41.47      | Yes           | 19.19          | -22.28        |
| 5743   | 11/24/2021 | 12         | 9        | 41.55      | Yes           | 19.19          | -22.36        |
| 5744   | 11/24/2021 | 12         | 10       | 36.93      | Yes           | 19.19          | -17.74        |
| 5745   | 11/24/2021 | 12         | 11       | 40.25      | Yes           | 19.19          | -21.06        |
| 5746   | 11/24/2021 | 12         | 12       | 40.36      | Yes           | 19.19          | -21.17        |
| 5747   | 11/24/2021 | 13         | 1        | 45.56      | Yes           | 19.19          | -26.37        |
| 5748   | 11/24/2021 | 13         | 2        | 43.23      | Yes           | 19.19          | -24.04        |
| 5749   | 11/24/2021 | 13         | 3        | 43.82      | Yes           | 19.19          | -24.63        |
| 5750   | 11/24/2021 | 13         | 4        | 42.93      | Yes           | 19.19          | -23.74        |
| 5751   | 11/24/2021 | 13         | 5        | 42.94      | Yes           | 19.19          | -23.75        |
| 5752   | 11/24/2021 | 13         | 6        | 42.88      | Yes           | 19.19          | -23.69        |
| 5753   | 11/24/2021 | 13         | 7        | 43.36      | Yes           | 19.19          | -24.17        |
| 5754   | 11/24/2021 | 13         | 8        | 43.28      | Yes           | 19.19          | -24.09        |
| 5755   | 11/24/2021 | 13         | 9        | 43.63      | Yes           | 19.19          | -24.44        |
| 5756   | 11/24/2021 | 13         | 10       | 43.38      | Yes           | 19.19          | -24.19        |
| 5757   | 11/24/2021 | 13         | 11       | 43.67      | Yes           | 19.19          | -24.48        |
| 5758   | 11/24/2021 | 13         | 12       | 43.36      | Yes           | 19.19          | -24.17        |
| 5759   | 11/24/2021 | 14         | 1        | 39.84      | Yes           | 19.19          | -20.65        |
| 5760   | 11/24/2021 | 14         | 2        | 40.86      | Yes           | 19.19          | -21.67        |
| 5761   | 11/24/2021 | 14         | 3        | 41.64      | Yes           | 19.19          | -22.45        |
| 5762   | 11/24/2021 | 14         | 4        | 41.27      | Yes           | 19.19          | -22.08        |
| 5763   | 11/24/2021 | 14         | 5        | 41.09      | Yes           | 19.19          | -21.90        |
| 5764   | 11/24/2021 | 14         | 6        | 41.11      | Yes           | 19.19          | -21.92        |
| 5765   | 11/24/2021 | 14         | 7        | 41.67      | Yes           | 19.19          | -22.48        |
| 5766   | 11/24/2021 | 14         | 8        | 43.46      | Yes           | 19.19          | -24.27        |
| 5767   | 11/24/2021 | 14         | 9        | 44.37      | Yes           | 19.19          | -25.18        |
| 5768   | 11/24/2021 | 14         | 10       | 41.70      | Yes           | 19.19          | -22.51        |
| 5769   | 11/24/2021 | 14         | 11       | 41.38      | Yes           | 19.19          | -22.19        |
| 5770   | 11/24/2021 | 14         | 12       | 41.87      | Yes           | 19.19          | -22.68        |
| 5771   | 11/24/2021 | 15         | 1        | 39.64      | Yes           | 19.19          | -20.45        |
| 5772   | 11/24/2021 | 15         | 2        | 39.86      | Yes           | 19.19          | -20.67        |

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| 5773   | 11/24/2021 | 15         | 3        | 39.70      | Yes           | 19.19          | -20.51        |
| 5774   | 11/24/2021 | 15         | 4        | 40.31      | Yes           | 19.19          | -21.12        |
| 5775   | 11/24/2021 | 15         | 5        | 40.83      | Yes           | 19.19          | -21.64        |
| 5776   | 11/24/2021 | 15         | 6        | 42.67      | Yes           | 19.19          | -23.48        |
| 5777   | 11/24/2021 | 15         | 7        | 44.83      | Yes           | 19.19          | -25.64        |
| 5778   | 11/24/2021 | 15         | 8        | 49.79      | Yes           | 19.19          | -30.60        |
| 5779   | 11/24/2021 | 15         | 9        | 53.14      | Yes           | 19.19          | -33.95        |
| 5780   | 11/24/2021 | 15         | 10       | 51.22      | Yes           | 19.19          | -32.03        |
| 5781   | 11/24/2021 | 15         | 11       | 50.64      | Yes           | 19.19          | -31.45        |
| 5782   | 11/24/2021 | 15         | 12       | 51.81      | Yes           | 19.19          | -32.62        |
| 5783   | 11/24/2021 | 16         | 1        | 32.42      | Yes           | 19.19          | -13.23        |
| 5784   | 11/24/2021 | 16         | 2        | 32.63      | Yes           | 19.19          | -13.44        |
| 5785   | 11/24/2021 | 16         | 3        | 32.24      | Yes           | 19.19          | -13.05        |
| 5786   | 11/24/2021 | 16         | 4        | 37.85      | Yes           | 19.19          | -18.66        |
| 5787   | 11/24/2021 | 16         | 5        | 40.71      | Yes           | 19.19          | -21.52        |
| 5788   | 11/24/2021 | 16         | 6        | 50.53      | Yes           | 19.19          | -31.34        |
| 5789   | 11/24/2021 | 16         | 7        | 45.84      | Yes           | 19.19          | -26.65        |
| 5790   | 11/24/2021 | 16         | 8        | 50.53      | Yes           | 19.19          | -31.34        |
| 5791   | 11/24/2021 | 16         | 9        | 59.84      | Yes           | 19.19          | -40.65        |
| 5792   | 11/24/2021 | 16         | 10       | 62.99      | Yes           | 19.19          | -43.80        |
| 5793   | 11/24/2021 | 16         | 11       | 66.38      | Yes           | 19.19          | -47.19        |
| 5794   | 11/24/2021 | 16         | 12       | 66.41      | Yes           | 19.19          | -47.22        |
| 5795   | 11/24/2021 | 17         | 1        | 46.81      | Yes           | 19.19          | -27.62        |
| 5796   | 11/24/2021 | 17         | 2        | 47.59      | Yes           | 19.19          | -28.40        |
| 5797   | 11/24/2021 | 17         | 3        | 47.81      | Yes           | 19.19          | -28.62        |
| 5798   | 11/24/2021 | 17         | 4        | 49.53      | Yes           | 19.19          | -30.34        |
| 5799   | 11/24/2021 | 17         | 5        | 51.71      | Yes           | 19.19          | -32.52        |
| 5800   | 11/24/2021 | 17         | 6        | 51.96      | Yes           | 19.19          | -32.77        |
| 5801   | 11/24/2021 | 17         | 7        | 52.17      | Yes           | 19.19          | -32.98        |
| 5802   | 11/24/2021 | 17         | 8        | 56.88      | Yes           | 19.19          | -37.69        |
| 5803   | 11/24/2021 | 17         | 9        | 59.24      | Yes           | 19.19          | -40.05        |
| 5804   | 11/24/2021 | 17         | 10       | 57.29      | Yes           | 19.19          | -38.10        |
| 5805   | 11/24/2021 | 17         | 11       | 57.66      | Yes           | 19.19          | -38.47        |
| 5806   | 11/24/2021 | 17         | 12       | 57.29      | Yes           | 19.19          | -38.10        |
| 5807   | 11/24/2021 | 18         | 1        | 51.67      | Yes           | 19.19          | -32.48        |
| 5808   | 11/24/2021 | 18         | 2        | 50.76      | Yes           | 19.19          | -31.57        |
| 5809   | 11/24/2021 | 18         | 3        | 50.76      | Yes           | 19.19          | -31.57        |
| 5810   | 11/24/2021 | 18         | 4        | 58.63      | Yes           | 19.19          | -39.44        |

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| 5811   | 11/24/2021 | 18         | 5        | 60.02      | Yes           | 19.19          | -40.83        |
| 5812   | 11/24/2021 | 18         | 6        | 60.06      | Yes           | 19.19          | -40.87        |
| 5813   | 11/24/2021 | 18         | 7        | 59.75      | Yes           | 19.19          | -40.56        |
| 5814   | 11/24/2021 | 18         | 8        | 59.77      | Yes           | 19.19          | -40.58        |
| 5815   | 11/24/2021 | 18         | 9        | 59.84      | Yes           | 19.19          | -40.65        |
| 5816   | 11/24/2021 | 18         | 10       | 59.56      | Yes           | 19.19          | -40.37        |
| 5817   | 11/24/2021 | 18         | 11       | 59.44      | Yes           | 19.19          | -40.25        |
| 5818   | 11/24/2021 | 18         | 12       | 59.55      | Yes           | 19.19          | -40.36        |
| 5819   | 11/24/2021 | 19         | 1        | 59.69      | Yes           | 19.19          | -40.50        |
| 5820   | 11/24/2021 | 19         | 2        | 59.66      | Yes           | 19.19          | -40.47        |
| 5821   | 11/24/2021 | 19         | 3        | 59.69      | Yes           | 19.19          | -40.50        |
| 5822   | 11/24/2021 | 19         | 4        | 59.36      | Yes           | 19.19          | -40.17        |
| 5823   | 11/24/2021 | 19         | 5        | 59.36      | Yes           | 19.19          | -40.17        |
| 5824   | 11/24/2021 | 19         | 6        | 59.35      | Yes           | 19.19          | -40.16        |
| 5825   | 11/24/2021 | 19         | 7        | 59.19      | Yes           | 19.19          | -40.00        |
| 5826   | 11/24/2021 | 19         | 8        | 58.37      | Yes           | 19.19          | -39.18        |
| 5827   | 11/24/2021 | 19         | 9        | 58.30      | Yes           | 19.19          | -39.11        |
| 5828   | 11/24/2021 | 19         | 10       | 57.55      | Yes           | 19.19          | -38.36        |
| 5829   | 11/24/2021 | 19         | 11       | 57.14      | Yes           | 19.19          | -37.95        |
| 5830   | 11/24/2021 | 19         | 12       | 56.59      | Yes           | 19.19          | -37.40        |
| 5831   | 11/24/2021 | 20         | 1        | 59.19      | Yes           | 19.19          | -40.00        |
| 5832   | 11/24/2021 | 20         | 2        | 59.19      | Yes           | 19.19          | -40.00        |
| 5833   | 11/24/2021 | 20         | 3        | 58.47      | Yes           | 19.19          | -39.28        |
| 5834   | 11/24/2021 | 20         | 4        | 58.27      | Yes           | 19.19          | -39.08        |
| 5835   | 11/24/2021 | 20         | 5        | 58.31      | Yes           | 19.19          | -39.12        |
| 5836   | 11/24/2021 | 20         | 6        | 59.75      | Yes           | 19.19          | -40.56        |
| 5837   | 11/24/2021 | 20         | 7        | 64.00      | Yes           | 19.19          | -44.81        |
| 5838   | 11/24/2021 | 20         | 8        | 64.87      | Yes           | 19.19          | -45.68        |
| 5839   | 11/24/2021 | 20         | 9        | 65.52      | Yes           | 19.19          | -46.33        |
| 5840   | 11/24/2021 | 20         | 10       | 66.73      | Yes           | 19.19          | -47.54        |
| 5841   | 11/24/2021 | 20         | 11       | 65.40      | Yes           | 19.19          | -46.21        |
| 5842   | 11/24/2021 | 20         | 12       | 64.95      | Yes           | 19.19          | -45.76        |
| 5843   | 11/24/2021 | 21         | 1        | 68.50      | Yes           | 19.19          | -49.31        |
| 5844   | 11/24/2021 | 21         | 2        | 65.41      | Yes           | 19.19          | -46.22        |
| 5845   | 11/24/2021 | 21         | 3        | 64.98      | Yes           | 19.19          | -45.79        |
| 5846   | 11/24/2021 | 21         | 4        | 63.71      | Yes           | 19.19          | -44.52        |
| 5847   | 11/24/2021 | 21         | 5        | 63.75      | Yes           | 19.19          | -44.56        |
| 5848   | 11/24/2021 | 21         | 6        | 64.34      | Yes           | 19.19          | -45.15        |

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| 5849   | 11/24/2021 | 21         | 7        | 62.68      | Yes           | 19.19          | -43.49        |
| 5850   | 11/24/2021 | 21         | 8        | 63.24      | Yes           | 19.19          | -44.05        |
| 5851   | 11/24/2021 | 21         | 9        | 62.50      | Yes           | 19.19          | -43.31        |
| 5852   | 11/24/2021 | 21         | 10       | 60.60      | Yes           | 19.19          | -41.41        |
| 5853   | 11/24/2021 | 21         | 11       | 60.77      | Yes           | 19.19          | -41.58        |
| 5854   | 11/24/2021 | 21         | 12       | 61.03      | Yes           | 19.19          | -41.84        |
| 5855   | 11/24/2021 | 22         | 1        | 68.47      | Yes           | 19.19          | -49.28        |
| 5856   | 11/24/2021 | 22         | 2        | 68.51      | Yes           | 19.19          | -49.32        |
| 5857   | 11/24/2021 | 22         | 3        | 68.07      | Yes           | 19.19          | -48.88        |
| 5858   | 11/24/2021 | 22         | 4        | 65.23      | Yes           | 19.19          | -46.04        |
| 5859   | 11/24/2021 | 22         | 5        | 65.23      | Yes           | 19.19          | -46.04        |
| 5860   | 11/24/2021 | 22         | 6        | 64.82      | Yes           | 19.19          | -45.63        |
| 5861   | 11/24/2021 | 22         | 7        | 62.21      | Yes           | 19.19          | -43.02        |
| 5862   | 11/24/2021 | 22         | 8        | 61.25      | Yes           | 19.19          | -42.06        |
| 5863   | 11/24/2021 | 22         | 9        | 59.36      | Yes           | 19.19          | -40.17        |
| 5864   | 11/24/2021 | 22         | 10       | 58.98      | Yes           | 19.19          | -39.79        |
| 5865   | 11/24/2021 | 22         | 11       | 58.98      | Yes           | 19.19          | -39.79        |
| 5866   | 11/24/2021 | 22         | 12       | 58.80      | Yes           | 19.19          | -39.61        |
| 5867   | 11/24/2021 | 23         | 1        | 60.33      | Yes           | 19.19          | -41.14        |
| 5868   | 11/24/2021 | 23         | 2        | 59.72      | Yes           | 19.19          | -40.53        |
| 5869   | 11/24/2021 | 23         | 3        | 57.88      | Yes           | 19.19          | -38.69        |
| 5870   | 11/24/2021 | 23         | 4        | 55.41      | Yes           | 19.19          | -36.22        |
| 5871   | 11/24/2021 | 23         | 5        | 56.05      | Yes           | 19.19          | -36.86        |
| 5872   | 11/24/2021 | 23         | 6        | 55.06      | Yes           | 19.19          | -35.87        |
| 5873   | 11/24/2021 | 23         | 7        | 54.25      | Yes           | 19.19          | -35.06        |
| 5874   | 11/24/2021 | 23         | 8        | 53.09      | Yes           | 19.19          | -33.90        |
| 5875   | 11/24/2021 | 23         | 9        | 53.09      | Yes           | 19.19          | -33.90        |
| 5876   | 11/24/2021 | 23         | 10       | 52.57      | Yes           | 19.19          | -33.38        |
| 5877   | 11/24/2021 | 23         | 11       | 50.87      | Yes           | 19.19          | -31.68        |
| 5878   | 11/24/2021 | 23         | 12       | 52.57      | Yes           | 19.19          | -33.38        |
| 5879   | 11/24/2021 | 24         | 1        | 53.85      | Yes           | 19.19          | -34.66        |
| 5880   | 11/24/2021 | 24         | 2        | 53.75      | Yes           | 19.19          | -34.56        |
| 5881   | 11/24/2021 | 24         | 3        | 53.75      | Yes           | 19.19          | -34.56        |
| 5882   | 11/24/2021 | 24         | 4        | 53.07      | Yes           | 19.19          | -33.88        |
| 5883   | 11/24/2021 | 24         | 5        | 52.94      | Yes           | 19.19          | -33.75        |
| 5884   | 11/24/2021 | 24         | 6        | 52.47      | Yes           | 19.19          | -33.28        |
| 5885   | 11/24/2021 | 24         | 7        | 50.97      | Yes           | 19.19          | -31.78        |
| 5886   | 11/24/2021 | 24         | 8        | 50.94      | Yes           | 19.19          | -31.75        |



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| 5887   | 11/24/2021 | 24         | 9        | 50.48      | Yes           | 19.19          | -31.29        |
| 5888   | 11/24/2021 | 24         | 10       | 49.62      | Yes           | 19.19          | -30.43        |
| 5889   | 11/24/2021 | 24         | 11       | 49.26      | Yes           | 19.19          | -30.07        |
| 5890   | 11/24/2021 | 24         | 12       | 49.48      | Yes           | 19.19          | -30.29        |
| 5891   | 11/25/2021 | 1          | 1        | 57.25      | Yes           | 18.55          | -38.70        |
| 5892   | 11/25/2021 | 1          | 2        | 56.38      | Yes           | 18.55          | -37.83        |
| 5893   | 11/25/2021 | 1          | 3        | 57.70      | Yes           | 18.55          | -39.15        |
| 5894   | 11/25/2021 | 1          | 4        | 56.10      | Yes           | 18.55          | -37.55        |
| 5895   | 11/25/2021 | 1          | 5        | 56.08      | Yes           | 18.55          | -37.53        |
| 5896   | 11/25/2021 | 1          | 6        | 56.08      | Yes           | 18.55          | -37.53        |
| 5897   | 11/25/2021 | 1          | 7        | 45.00      | Yes           | 18.55          | -26.45        |
| 5898   | 11/25/2021 | 1          | 8        | 45.25      | Yes           | 18.55          | -26.70        |
| 5899   | 11/25/2021 | 1          | 9        | 45.00      | Yes           | 18.55          | -26.45        |
| 5900   | 11/25/2021 | 1          | 10       | 44.81      | Yes           | 18.55          | -26.26        |
| 5901   | 11/25/2021 | 1          | 11       | 44.24      | Yes           | 18.55          | -25.69        |
| 5902   | 11/25/2021 | 1          | 12       | 43.87      | Yes           | 18.55          | -25.32        |
| 5903   | 11/25/2021 | 2          | 1        | 54.36      | Yes           | 18.55          | -35.81        |
| 5904   | 11/25/2021 | 2          | 2        | 53.35      | Yes           | 18.55          | -34.80        |
| 5905   | 11/25/2021 | 2          | 3        | 53.43      | Yes           | 18.55          | -34.88        |
| 5906   | 11/25/2021 | 2          | 4        | 53.85      | Yes           | 18.55          | -35.30        |
| 5907   | 11/25/2021 | 2          | 5        | 54.98      | Yes           | 18.55          | -36.43        |
| 5908   | 11/25/2021 | 2          | 6        | 55.71      | Yes           | 18.55          | -37.16        |
| 5909   | 11/25/2021 | 2          | 7        | 55.72      | Yes           | 18.55          | -37.17        |
| 5910   | 11/25/2021 | 2          | 8        | 55.04      | Yes           | 18.55          | -36.49        |
| 5911   | 11/25/2021 | 2          | 9        | 54.63      | Yes           | 18.55          | -36.08        |
| 5912   | 11/25/2021 | 2          | 10       | 54.12      | Yes           | 18.55          | -35.57        |
| 5913   | 11/25/2021 | 2          | 11       | 54.90      | Yes           | 18.55          | -36.35        |
| 5914   | 11/25/2021 | 2          | 12       | 54.87      | Yes           | 18.55          | -36.32        |
| 5915   | 11/25/2021 | 3          | 1        | 59.39      | Yes           | 18.55          | -40.84        |
| 5916   | 11/25/2021 | 3          | 2        | 58.38      | Yes           | 18.55          | -39.83        |
| 5917   | 11/25/2021 | 3          | 3        | 59.63      | Yes           | 18.55          | -41.08        |
| 5918   | 11/25/2021 | 3          | 4        | 48.61      | Yes           | 18.55          | -30.06        |
| 5919   | 11/25/2021 | 3          | 5        | 48.65      | Yes           | 18.55          | -30.10        |
| 5920   | 11/25/2021 | 3          | 6        | 48.57      | Yes           | 18.55          | -30.02        |
| 5921   | 11/25/2021 | 3          | 7        | 59.09      | Yes           | 18.55          | -40.54        |
| 5922   | 11/25/2021 | 3          | 8        | 57.41      | Yes           | 18.55          | -38.86        |
| 5923   | 11/25/2021 | 3          | 9        | 57.28      | Yes           | 18.55          | -38.73        |
| 5924   | 11/25/2021 | 3          | 10       | 55.87      | Yes           | 18.55          | -37.32        |

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| 5925   | 11/25/2021 | 3          | 11       | 56.00      | Yes           | 18.55          | -37.45        |
| 5926   | 11/25/2021 | 3          | 12       | 55.53      | Yes           | 18.55          | -36.98        |
| 5927   | 11/25/2021 | 4          | 1        | 55.32      | Yes           | 18.55          | -36.77        |
| 5928   | 11/25/2021 | 4          | 2        | 55.03      | Yes           | 18.55          | -36.48        |
| 5929   | 11/25/2021 | 4          | 3        | 54.58      | Yes           | 18.55          | -36.03        |
| 5930   | 11/25/2021 | 4          | 4        | 54.53      | Yes           | 18.55          | -35.98        |
| 5931   | 11/25/2021 | 4          | 5        | 55.04      | Yes           | 18.55          | -36.49        |
| 5932   | 11/25/2021 | 4          | 6        | 55.16      | Yes           | 18.55          | -36.61        |
| 5933   | 11/25/2021 | 4          | 7        | 55.27      | Yes           | 18.55          | -36.72        |
| 5934   | 11/25/2021 | 4          | 8        | 55.22      | Yes           | 18.55          | -36.67        |
| 5935   | 11/25/2021 | 4          | 9        | 55.88      | Yes           | 18.55          | -37.33        |
| 5936   | 11/25/2021 | 4          | 10       | 55.33      | Yes           | 18.55          | -36.78        |
| 5937   | 11/25/2021 | 4          | 11       | 56.03      | Yes           | 18.55          | -37.48        |
| 5938   | 11/25/2021 | 4          | 12       | 56.03      | Yes           | 18.55          | -37.48        |
| 5939   | 11/25/2021 | 5          | 1        | 56.94      | Yes           | 18.55          | -38.39        |
| 5940   | 11/25/2021 | 5          | 2        | 57.07      | Yes           | 18.55          | -38.52        |
| 5941   | 11/25/2021 | 5          | 3        | 58.18      | Yes           | 18.55          | -39.63        |
| 5942   | 11/25/2021 | 5          | 4        | 58.05      | Yes           | 18.55          | -39.50        |
| 5943   | 11/25/2021 | 5          | 5        | 58.26      | Yes           | 18.55          | -39.71        |
| 5944   | 11/25/2021 | 5          | 6        | 58.20      | Yes           | 18.55          | -39.65        |
| 5945   | 11/25/2021 | 5          | 7        | 57.66      | Yes           | 18.55          | -39.11        |
| 5946   | 11/25/2021 | 5          | 8        | 57.03      | Yes           | 18.55          | -38.48        |
| 5947   | 11/25/2021 | 5          | 9        | 57.96      | Yes           | 18.55          | -39.41        |
| 5948   | 11/25/2021 | 5          | 10       | 57.99      | Yes           | 18.55          | -39.44        |
| 5949   | 11/25/2021 | 5          | 11       | 58.06      | Yes           | 18.55          | -39.51        |
| 5950   | 11/25/2021 | 5          | 12       | 58.43      | Yes           | 18.55          | -39.88        |
| 5951   | 11/25/2021 | 6          | 1        | 55.49      | Yes           | 18.55          | -36.94        |
| 5952   | 11/25/2021 | 6          | 2        | 55.72      | Yes           | 18.55          | -37.17        |
| 5953   | 11/25/2021 | 6          | 3        | 57.37      | Yes           | 18.55          | -38.82        |
| 5954   | 11/25/2021 | 6          | 4        | 57.90      | Yes           | 18.55          | -39.35        |
| 5955   | 11/25/2021 | 6          | 5        | 58.14      | Yes           | 18.55          | -39.59        |
| 5956   | 11/25/2021 | 6          | 6        | 58.15      | Yes           | 18.55          | -39.60        |
| 5957   | 11/25/2021 | 6          | 7        | 58.42      | Yes           | 18.55          | -39.87        |
| 5958   | 11/25/2021 | 6          | 8        | 58.42      | Yes           | 18.55          | -39.87        |
| 5959   | 11/25/2021 | 6          | 9        | 58.97      | Yes           | 18.55          | -40.42        |
| 5960   | 11/25/2021 | 6          | 10       | 59.72      | Yes           | 18.55          | -41.17        |
| 5961   | 11/25/2021 | 6          | 11       | 60.07      | Yes           | 18.55          | -41.52        |
| 5962   | 11/25/2021 | 6          | 12       | 61.20      | Yes           | 18.55          | -42.65        |

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| 5963   | 11/25/2021 | 7          | 1        | 56.22      | Yes           | 18.55          | -37.67        |
| 5964   | 11/25/2021 | 7          | 2        | 57.78      | Yes           | 18.55          | -39.23        |
| 5965   | 11/25/2021 | 7          | 3        | 57.55      | Yes           | 18.55          | -39.00        |
| 5966   | 11/25/2021 | 7          | 4        | 58.32      | Yes           | 18.55          | -39.77        |
| 5967   | 11/25/2021 | 7          | 5        | 59.51      | Yes           | 18.55          | -40.96        |
| 5968   | 11/25/2021 | 7          | 6        | 59.51      | Yes           | 18.55          | -40.96        |
| 5969   | 11/25/2021 | 7          | 7        | 62.35      | Yes           | 18.55          | -43.80        |
| 5970   | 11/25/2021 | 7          | 8        | 61.13      | Yes           | 18.55          | -42.58        |
| 5971   | 11/25/2021 | 7          | 9        | 59.96      | Yes           | 18.55          | -41.41        |
| 5972   | 11/25/2021 | 7          | 10       | 60.49      | Yes           | 18.55          | -41.94        |
| 5973   | 11/25/2021 | 7          | 11       | 59.50      | Yes           | 18.55          | -40.95        |
| 5974   | 11/25/2021 | 7          | 12       | 62.58      | Yes           | 18.55          | -44.03        |
| 5975   | 11/25/2021 | 8          | 1        | 69.71      | Yes           | 18.55          | -51.16        |
| 5976   | 11/25/2021 | 8          | 2        | 99.93      | Yes           | 18.55          | -81.38        |
| 5977   | 11/25/2021 | 8          | 3        | 86.36      | Yes           | 18.55          | -67.81        |
| 5978   | 11/25/2021 | 8          | 4        | 68.87      | Yes           | 18.55          | -50.32        |
| 5979   | 11/25/2021 | 8          | 5        | 61.21      | Yes           | 18.55          | -42.66        |
| 5980   | 11/25/2021 | 8          | 6        | 56.71      | Yes           | 18.55          | -38.16        |
| 5981   | 11/25/2021 | 8          | 7        | 52.12      | Yes           | 18.55          | -33.57        |
| 5982   | 11/25/2021 | 8          | 8        | 47.77      | Yes           | 18.55          | -29.22        |
| 5983   | 11/25/2021 | 8          | 9        | 43.18      | Yes           | 18.55          | -24.63        |
| 5984   | 11/25/2021 | 8          | 10       | 36.44      | Yes           | 18.55          | -17.89        |
| 5985   | 11/25/2021 | 8          | 11       | 23.61      | Yes           | 18.55          | -5.06         |
| 5986   | 11/25/2021 | 8          | 12       | 2.53       | Yes           | 18.55          | 16.02         |
| 5987   | 11/25/2021 | 9          | 1        | 69.39      | Yes           | 18.55          | -50.84        |
| 5988   | 11/25/2021 | 9          | 2        | 60.08      | Yes           | 18.55          | -41.53        |
| 5989   | 11/25/2021 | 9          | 3        | 54.58      | Yes           | 18.55          | -36.03        |
| 5990   | 11/25/2021 | 9          | 4        | 25.55      | Yes           | 18.55          | -7.00         |
| 5991   | 11/25/2021 | 9          | 5        | 21.33      | Yes           | 18.55          | -2.78         |
| 5992   | 11/25/2021 | 9          | 6        | 22.10      | Yes           | 18.55          | -3.55         |
| 5993   | 11/25/2021 | 9          | 7        | 21.20      | Yes           | 18.55          | -2.65         |
| 5994   | 11/25/2021 | 9          | 8        | 34.37      | Yes           | 18.55          | -15.82        |
| 5995   | 11/25/2021 | 9          | 9        | 30.31      | Yes           | 18.55          | -11.76        |
| 5996   | 11/25/2021 | 9          | 10       | 27.95      | Yes           | 18.55          | -9.40         |
| 5997   | 11/25/2021 | 9          | 11       | 26.07      | Yes           | 18.55          | -7.52         |
| 5998   | 11/25/2021 | 9          | 12       | 15.73      | Yes           | 18.55          | 2.82          |
| 5999   | 11/25/2021 | 10         | 1        | 42.84      | Yes           | 18.55          | -24.29        |
| 6000   | 11/25/2021 | 10         | 2        | 42.76      | Yes           | 18.55          | -24.21        |

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| 6001   | 11/25/2021 | 10         | 3        | 39.62      | Yes           | 18.55          | -21.07        |
| 6002   | 11/25/2021 | 10         | 4        | 43.78      | Yes           | 18.55          | -25.23        |
| 6003   | 11/25/2021 | 10         | 5        | 44.90      | Yes           | 18.55          | -26.35        |
| 6004   | 11/25/2021 | 10         | 6        | 38.04      | Yes           | 18.55          | -19.49        |
| 6005   | 11/25/2021 | 10         | 7        | 42.75      | Yes           | 18.55          | -24.20        |
| 6006   | 11/25/2021 | 10         | 8        | 42.75      | Yes           | 18.55          | -24.20        |
| 6007   | 11/25/2021 | 10         | 9        | 36.95      | Yes           | 18.55          | -18.40        |
| 6008   | 11/25/2021 | 10         | 10       | 41.54      | Yes           | 18.55          | -22.99        |
| 6009   | 11/25/2021 | 10         | 11       | 40.19      | Yes           | 18.55          | -21.64        |
| 6010   | 11/25/2021 | 10         | 12       | 35.74      | Yes           | 18.55          | -17.19        |
| 6011   | 11/25/2021 | 11         | 1        | 39.67      | Yes           | 18.55          | -21.12        |
| 6012   | 11/25/2021 | 11         | 2        | 39.37      | Yes           | 18.55          | -20.82        |
| 6013   | 11/25/2021 | 11         | 3        | 40.72      | Yes           | 18.55          | -22.17        |
| 6014   | 11/25/2021 | 11         | 4        | 41.68      | Yes           | 18.55          | -23.13        |
| 6015   | 11/25/2021 | 11         | 5        | 41.39      | Yes           | 18.55          | -22.84        |
| 6016   | 11/25/2021 | 11         | 6        | 40.52      | Yes           | 18.55          | -21.97        |
| 6017   | 11/25/2021 | 11         | 7        | 42.80      | Yes           | 18.55          | -24.25        |
| 6018   | 11/25/2021 | 11         | 8        | 44.02      | Yes           | 18.55          | -25.47        |
| 6019   | 11/25/2021 | 11         | 9        | 46.67      | Yes           | 18.55          | -28.12        |
| 6020   | 11/25/2021 | 11         | 10       | 42.26      | Yes           | 18.55          | -23.71        |
| 6021   | 11/25/2021 | 11         | 11       | 43.79      | Yes           | 18.55          | -25.24        |
| 6022   | 11/25/2021 | 11         | 12       | 43.97      | Yes           | 18.55          | -25.42        |
| 6023   | 11/25/2021 | 12         | 1        | 48.00      | Yes           | 18.55          | -29.45        |
| 6024   | 11/25/2021 | 12         | 2        | 48.00      | Yes           | 18.55          | -29.45        |
| 6025   | 11/25/2021 | 12         | 3        | 42.92      | Yes           | 18.55          | -24.37        |
| 6026   | 11/25/2021 | 12         | 4        | 47.37      | Yes           | 18.55          | -28.82        |
| 6027   | 11/25/2021 | 12         | 5        | 47.71      | Yes           | 18.55          | -29.16        |
| 6028   | 11/25/2021 | 12         | 6        | 44.69      | Yes           | 18.55          | -26.14        |
| 6029   | 11/25/2021 | 12         | 7        | 59.23      | Yes           | 18.55          | -40.68        |
| 6030   | 11/25/2021 | 12         | 8        | 51.25      | Yes           | 18.55          | -32.70        |
| 6031   | 11/25/2021 | 12         | 9        | 50.51      | Yes           | 18.55          | -31.96        |
| 6032   | 11/25/2021 | 12         | 10       | 45.69      | Yes           | 18.55          | -27.14        |
| 6033   | 11/25/2021 | 12         | 11       | 47.15      | Yes           | 18.55          | -28.60        |
| 6034   | 11/25/2021 | 12         | 12       | 47.29      | Yes           | 18.55          | -28.74        |
| 6035   | 11/25/2021 | 13         | 1        | 45.84      | Yes           | 18.55          | -27.29        |
| 6036   | 11/25/2021 | 13         | 2        | 47.01      | Yes           | 18.55          | -28.46        |
| 6037   | 11/25/2021 | 13         | 3        | 43.57      | Yes           | 18.55          | -25.02        |
| 6038   | 11/25/2021 | 13         | 4        | 39.32      | Yes           | 18.55          | -20.77        |

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| 6039   | 11/25/2021 | 13         | 5        | 38.87      | Yes           | 18.55          | -20.32        |
| 6040   | 11/25/2021 | 13         | 6        | 39.25      | Yes           | 18.55          | -20.70        |
| 6041   | 11/25/2021 | 13         | 7        | 35.51      | Yes           | 18.55          | -16.96        |
| 6042   | 11/25/2021 | 13         | 8        | 36.74      | Yes           | 18.55          | -18.19        |
| 6043   | 11/25/2021 | 13         | 9        | 32.99      | Yes           | 18.55          | -14.44        |
| 6044   | 11/25/2021 | 13         | 10       | 37.66      | Yes           | 18.55          | -19.11        |
| 6045   | 11/25/2021 | 13         | 11       | 37.15      | Yes           | 18.55          | -18.60        |
| 6046   | 11/25/2021 | 13         | 12       | 37.02      | Yes           | 18.55          | -18.47        |
| 6047   | 11/25/2021 | 14         | 1        | 41.17      | Yes           | 18.55          | -22.62        |
| 6048   | 11/25/2021 | 14         | 2        | 41.24      | Yes           | 18.55          | -22.69        |
| 6049   | 11/25/2021 | 14         | 3        | 39.19      | Yes           | 18.55          | -20.64        |
| 6050   | 11/25/2021 | 14         | 4        | 40.52      | Yes           | 18.55          | -21.97        |
| 6051   | 11/25/2021 | 14         | 5        | 38.38      | Yes           | 18.55          | -19.83        |
| 6052   | 11/25/2021 | 14         | 6        | 40.37      | Yes           | 18.55          | -21.82        |
| 6053   | 11/25/2021 | 14         | 7        | 39.12      | Yes           | 18.55          | -20.57        |
| 6054   | 11/25/2021 | 14         | 8        | 40.08      | Yes           | 18.55          | -21.53        |
| 6055   | 11/25/2021 | 14         | 9        | 40.08      | Yes           | 18.55          | -21.53        |
| 6056   | 11/25/2021 | 14         | 10       | 39.66      | Yes           | 18.55          | -21.11        |
| 6057   | 11/25/2021 | 14         | 11       | 39.26      | Yes           | 18.55          | -20.71        |
| 6058   | 11/25/2021 | 14         | 12       | 34.35      | Yes           | 18.55          | -15.80        |
| 6059   | 11/25/2021 | 15         | 1        | 37.04      | Yes           | 18.55          | -18.49        |
| 6060   | 11/25/2021 | 15         | 2        | 37.03      | Yes           | 18.55          | -18.48        |
| 6061   | 11/25/2021 | 15         | 3        | 37.75      | Yes           | 18.55          | -19.20        |
| 6062   | 11/25/2021 | 15         | 4        | 37.40      | Yes           | 18.55          | -18.85        |
| 6063   | 11/25/2021 | 15         | 5        | 39.11      | Yes           | 18.55          | -20.56        |
| 6064   | 11/25/2021 | 15         | 6        | 36.98      | Yes           | 18.55          | -18.43        |
| 6065   | 11/25/2021 | 15         | 7        | 35.20      | Yes           | 18.55          | -16.65        |
| 6066   | 11/25/2021 | 15         | 8        | 37.81      | Yes           | 18.55          | -19.26        |
| 6067   | 11/25/2021 | 15         | 9        | 41.39      | Yes           | 18.55          | -22.84        |
| 6068   | 11/25/2021 | 15         | 10       | 42.92      | Yes           | 18.55          | -24.37        |
| 6069   | 11/25/2021 | 15         | 11       | 43.30      | Yes           | 18.55          | -24.75        |
| 6070   | 11/25/2021 | 15         | 12       | 40.75      | Yes           | 18.55          | -22.20        |
| 6071   | 11/25/2021 | 16         | 1        | 22.22      | Yes           | 18.55          | -3.67         |
| 6072   | 11/25/2021 | 16         | 2        | 21.20      | Yes           | 18.55          | -2.65         |
| 6073   | 11/25/2021 | 16         | 3        | 26.08      | Yes           | 18.55          | -7.53         |
| 6074   | 11/25/2021 | 16         | 4        | 30.54      | Yes           | 18.55          | -11.99        |
| 6075   | 11/25/2021 | 16         | 5        | 30.75      | Yes           | 18.55          | -12.20        |
| 6076   | 11/25/2021 | 16         | 6        | 35.57      | Yes           | 18.55          | -17.02        |

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| 6077   | 11/25/2021 | 16         | 7        | 42.00      | Yes           | 18.55          | -23.45        |
| 6078   | 11/25/2021 | 16         | 8        | 46.26      | Yes           | 18.55          | -27.71        |
| 6079   | 11/25/2021 | 16         | 9        | 49.24      | Yes           | 18.55          | -30.69        |
| 6080   | 11/25/2021 | 16         | 10       | 65.35      | Yes           | 18.55          | -46.80        |
| 6081   | 11/25/2021 | 16         | 11       | 73.99      | Yes           | 18.55          | -55.44        |
| 6082   | 11/25/2021 | 16         | 12       | 78.19      | Yes           | 18.55          | -59.64        |
| 6083   | 11/25/2021 | 17         | 1        | 45.68      | Yes           | 18.55          | -27.13        |
| 6084   | 11/25/2021 | 17         | 2        | 47.63      | Yes           | 18.55          | -29.08        |
| 6085   | 11/25/2021 | 17         | 3        | 49.73      | Yes           | 18.55          | -31.18        |
| 6086   | 11/25/2021 | 17         | 4        | 53.55      | Yes           | 18.55          | -35.00        |
| 6087   | 11/25/2021 | 17         | 5        | 57.32      | Yes           | 18.55          | -38.77        |
| 6088   | 11/25/2021 | 17         | 6        | 58.77      | Yes           | 18.55          | -40.22        |
| 6089   | 11/25/2021 | 17         | 7        | 61.53      | Yes           | 18.55          | -42.98        |
| 6090   | 11/25/2021 | 17         | 8        | 61.53      | Yes           | 18.55          | -42.98        |
| 6091   | 11/25/2021 | 17         | 9        | 63.80      | Yes           | 18.55          | -45.25        |
| 6092   | 11/25/2021 | 17         | 10       | 65.62      | Yes           | 18.55          | -47.07        |
| 6093   | 11/25/2021 | 17         | 11       | 71.44      | Yes           | 18.55          | -52.89        |
| 6094   | 11/25/2021 | 17         | 12       | 66.17      | Yes           | 18.55          | -47.62        |
| 6095   | 11/25/2021 | 18         | 1        | 56.31      | Yes           | 18.55          | -37.76        |
| 6096   | 11/25/2021 | 18         | 2        | 54.27      | Yes           | 18.55          | -35.72        |
| 6097   | 11/25/2021 | 18         | 3        | 53.91      | Yes           | 18.55          | -35.36        |
| 6098   | 11/25/2021 | 18         | 4        | 54.07      | Yes           | 18.55          | -35.52        |
| 6099   | 11/25/2021 | 18         | 5        | 53.82      | Yes           | 18.55          | -35.27        |
| 6100   | 11/25/2021 | 18         | 6        | 53.78      | Yes           | 18.55          | -35.23        |
| 6101   | 11/25/2021 | 18         | 7        | 52.42      | Yes           | 18.55          | -33.87        |
| 6102   | 11/25/2021 | 18         | 8        | 52.06      | Yes           | 18.55          | -33.51        |
| 6103   | 11/25/2021 | 18         | 9        | 52.19      | Yes           | 18.55          | -33.64        |
| 6104   | 11/25/2021 | 18         | 10       | 52.27      | Yes           | 18.55          | -33.72        |
| 6105   | 11/25/2021 | 18         | 11       | 51.88      | Yes           | 18.55          | -33.33        |
| 6106   | 11/25/2021 | 18         | 12       | 51.88      | Yes           | 18.55          | -33.33        |
| 6107   | 11/25/2021 | 19         | 1        | 50.40      | Yes           | 18.55          | -31.85        |
| 6108   | 11/25/2021 | 19         | 2        | 50.43      | Yes           | 18.55          | -31.88        |
| 6109   | 11/25/2021 | 19         | 3        | 50.40      | Yes           | 18.55          | -31.85        |
| 6110   | 11/25/2021 | 19         | 4        | 49.38      | Yes           | 18.55          | -30.83        |
| 6111   | 11/25/2021 | 19         | 5        | 49.38      | Yes           | 18.55          | -30.83        |
| 6112   | 11/25/2021 | 19         | 6        | 49.02      | Yes           | 18.55          | -30.47        |
| 6113   | 11/25/2021 | 19         | 7        | 47.69      | Yes           | 18.55          | -29.14        |
| 6114   | 11/25/2021 | 19         | 8        | 46.79      | Yes           | 18.55          | -28.24        |

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| 6115   | 11/25/2021 | 19         | 9        | 46.46      | Yes           | 18.55          | -27.91        |
| 6116   | 11/25/2021 | 19         | 10       | 46.15      | Yes           | 18.55          | -27.60        |
| 6117   | 11/25/2021 | 19         | 11       | 46.41      | Yes           | 18.55          | -27.86        |
| 6118   | 11/25/2021 | 19         | 12       | 45.89      | Yes           | 18.55          | -27.34        |
| 6119   | 11/25/2021 | 20         | 1        | 47.90      | Yes           | 18.55          | -29.35        |
| 6120   | 11/25/2021 | 20         | 2        | 47.12      | Yes           | 18.55          | -28.57        |
| 6121   | 11/25/2021 | 20         | 3        | 46.03      | Yes           | 18.55          | -27.48        |
| 6122   | 11/25/2021 | 20         | 4        | 45.82      | Yes           | 18.55          | -27.27        |
| 6123   | 11/25/2021 | 20         | 5        | 46.79      | Yes           | 18.55          | -28.24        |
| 6124   | 11/25/2021 | 20         | 6        | 47.56      | Yes           | 18.55          | -29.01        |
| 6125   | 11/25/2021 | 20         | 7        | 47.36      | Yes           | 18.55          | -28.81        |
| 6126   | 11/25/2021 | 20         | 8        | 46.72      | Yes           | 18.55          | -28.17        |
| 6127   | 11/25/2021 | 20         | 9        | 46.72      | Yes           | 18.55          | -28.17        |
| 6128   | 11/25/2021 | 20         | 10       | 46.71      | Yes           | 18.55          | -28.16        |
| 6129   | 11/25/2021 | 20         | 11       | 46.05      | Yes           | 18.55          | -27.50        |
| 6130   | 11/25/2021 | 20         | 12       | 46.05      | Yes           | 18.55          | -27.50        |
| 6131   | 11/25/2021 | 21         | 1        | 49.69      | Yes           | 18.55          | -31.14        |
| 6132   | 11/25/2021 | 21         | 2        | 49.84      | Yes           | 18.55          | -31.29        |
| 6133   | 11/25/2021 | 21         | 3        | 49.07      | Yes           | 18.55          | -30.52        |
| 6134   | 11/25/2021 | 21         | 4        | 48.41      | Yes           | 18.55          | -29.86        |
| 6135   | 11/25/2021 | 21         | 5        | 48.83      | Yes           | 18.55          | -30.28        |
| 6136   | 11/25/2021 | 21         | 6        | 49.63      | Yes           | 18.55          | -31.08        |
| 6137   | 11/25/2021 | 21         | 7        | 49.10      | Yes           | 18.55          | -30.55        |
| 6138   | 11/25/2021 | 21         | 8        | 49.44      | Yes           | 18.55          | -30.89        |
| 6139   | 11/25/2021 | 21         | 9        | 49.39      | Yes           | 18.55          | -30.84        |
| 6140   | 11/25/2021 | 21         | 10       | 49.23      | Yes           | 18.55          | -30.68        |
| 6141   | 11/25/2021 | 21         | 11       | 49.25      | Yes           | 18.55          | -30.70        |
| 6142   | 11/25/2021 | 21         | 12       | 49.25      | Yes           | 18.55          | -30.70        |
| 6143   | 11/25/2021 | 22         | 1        | 51.26      | Yes           | 18.55          | -32.71        |
| 6144   | 11/25/2021 | 22         | 2        | 51.64      | Yes           | 18.55          | -33.09        |
| 6145   | 11/25/2021 | 22         | 3        | 49.89      | Yes           | 18.55          | -31.34        |
| 6146   | 11/25/2021 | 22         | 4        | 49.09      | Yes           | 18.55          | -30.54        |
| 6147   | 11/25/2021 | 22         | 5        | 49.35      | Yes           | 18.55          | -30.80        |
| 6148   | 11/25/2021 | 22         | 6        | 49.86      | Yes           | 18.55          | -31.31        |
| 6149   | 11/25/2021 | 22         | 7        | 48.32      | Yes           | 18.55          | -29.77        |
| 6150   | 11/25/2021 | 22         | 8        | 47.97      | Yes           | 18.55          | -29.42        |
| 6151   | 11/25/2021 | 22         | 9        | 47.88      | Yes           | 18.55          | -29.33        |
| 6152   | 11/25/2021 | 22         | 10       | 46.68      | Yes           | 18.55          | -28.13        |

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| 6153   | 11/25/2021 | 22         | 11       | 46.68      | Yes           | 18.55          | -28.13        |
| 6154   | 11/25/2021 | 22         | 12       | 47.45      | Yes           | 18.55          | -28.90        |
| 6155   | 11/25/2021 | 23         | 1        | 50.92      | Yes           | 18.55          | -32.37        |
| 6156   | 11/25/2021 | 23         | 2        | 51.78      | Yes           | 18.55          | -33.23        |
| 6157   | 11/25/2021 | 23         | 3        | 51.27      | Yes           | 18.55          | -32.72        |
| 6158   | 11/25/2021 | 23         | 4        | 50.34      | Yes           | 18.55          | -31.79        |
| 6159   | 11/25/2021 | 23         | 5        | 50.44      | Yes           | 18.55          | -31.89        |
| 6160   | 11/25/2021 | 23         | 6        | 50.14      | Yes           | 18.55          | -31.59        |
| 6161   | 11/25/2021 | 23         | 7        | 48.87      | Yes           | 18.55          | -30.32        |
| 6162   | 11/25/2021 | 23         | 8        | 48.82      | Yes           | 18.55          | -30.27        |
| 6163   | 11/25/2021 | 23         | 9        | 48.82      | Yes           | 18.55          | -30.27        |
| 6164   | 11/25/2021 | 23         | 10       | 47.95      | Yes           | 18.55          | -29.40        |
| 6165   | 11/25/2021 | 23         | 11       | 47.84      | Yes           | 18.55          | -29.29        |
| 6166   | 11/25/2021 | 23         | 12       | 47.77      | Yes           | 18.55          | -29.22        |
| 6167   | 11/25/2021 | 24         | 1        | 49.15      | Yes           | 18.55          | -30.60        |
| 6168   | 11/25/2021 | 24         | 2        | 49.10      | Yes           | 18.55          | -30.55        |
| 6169   | 11/25/2021 | 24         | 3        | 48.67      | Yes           | 18.55          | -30.12        |
| 6170   | 11/25/2021 | 24         | 4        | 48.27      | Yes           | 18.55          | -29.72        |
| 6171   | 11/25/2021 | 24         | 5        | 47.37      | Yes           | 18.55          | -28.82        |
| 6172   | 11/25/2021 | 24         | 6        | 47.31      | Yes           | 18.55          | -28.76        |
| 6173   | 11/25/2021 | 24         | 7        | 46.48      | Yes           | 18.55          | -27.93        |
| 6174   | 11/25/2021 | 24         | 8        | 46.03      | Yes           | 18.55          | -27.48        |
| 6175   | 11/25/2021 | 24         | 9        | 45.75      | Yes           | 18.55          | -27.20        |
| 6176   | 11/25/2021 | 24         | 10       | 45.30      | Yes           | 18.55          | -26.75        |
| 6177   | 11/25/2021 | 24         | 11       | 44.87      | Yes           | 18.55          | -26.32        |
| 6178   | 11/25/2021 | 24         | 12       | 44.29      | Yes           | 18.55          | -25.74        |
| 6179   | 11/26/2021 | 1          | 1        | 47.07      | Yes           | 18.55          | -28.52        |
| 6180   | 11/26/2021 | 1          | 2        | 48.00      | Yes           | 18.55          | -29.45        |
| 6181   | 11/26/2021 | 1          | 3        | 47.33      | Yes           | 18.55          | -28.78        |
| 6182   | 11/26/2021 | 1          | 4        | 46.67      | Yes           | 18.55          | -28.12        |
| 6183   | 11/26/2021 | 1          | 5        | 46.67      | Yes           | 18.55          | -28.12        |
| 6184   | 11/26/2021 | 1          | 6        | 46.29      | Yes           | 18.55          | -27.74        |
| 6185   | 11/26/2021 | 1          | 7        | 43.96      | Yes           | 18.55          | -25.41        |
| 6186   | 11/26/2021 | 1          | 8        | 43.94      | Yes           | 18.55          | -25.39        |
| 6187   | 11/26/2021 | 1          | 9        | 43.56      | Yes           | 18.55          | -25.01        |
| 6188   | 11/26/2021 | 1          | 10       | 45.31      | Yes           | 18.55          | -26.76        |
| 6189   | 11/26/2021 | 1          | 11       | 45.13      | Yes           | 18.55          | -26.58        |
| 6190   | 11/26/2021 | 1          | 12       | 45.13      | Yes           | 18.55          | -26.58        |



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| 6191   | 11/26/2021 | 2          | 1        | 47.90      | Yes           | 18.55          | -29.35        |
| 6192   | 11/26/2021 | 2          | 2        | 47.88      | Yes           | 18.55          | -29.33        |
| 6193   | 11/26/2021 | 2          | 3        | 47.38      | Yes           | 18.55          | -28.83        |
| 6194   | 11/26/2021 | 2          | 4        | 46.58      | Yes           | 18.55          | -28.03        |
| 6195   | 11/26/2021 | 2          | 5        | 46.21      | Yes           | 18.55          | -27.66        |
| 6196   | 11/26/2021 | 2          | 6        | 46.18      | Yes           | 18.55          | -27.63        |
| 6197   | 11/26/2021 | 2          | 7        | 45.21      | Yes           | 18.55          | -26.66        |
| 6198   | 11/26/2021 | 2          | 8        | 44.70      | Yes           | 18.55          | -26.15        |
| 6199   | 11/26/2021 | 2          | 9        | 44.08      | Yes           | 18.55          | -25.53        |
| 6200   | 11/26/2021 | 2          | 10       | 43.76      | Yes           | 18.55          | -25.21        |
| 6201   | 11/26/2021 | 2          | 11       | 43.52      | Yes           | 18.55          | -24.97        |
| 6202   | 11/26/2021 | 2          | 12       | 43.76      | Yes           | 18.55          | -25.21        |
| 6203   | 11/26/2021 | 3          | 1        | 44.06      | Yes           | 18.55          | -25.51        |
| 6204   | 11/26/2021 | 3          | 2        | 45.33      | Yes           | 18.55          | -26.78        |
| 6205   | 11/26/2021 | 3          | 3        | 45.80      | Yes           | 18.55          | -27.25        |
| 6206   | 11/26/2021 | 3          | 4        | 45.74      | Yes           | 18.55          | -27.19        |
| 6207   | 11/26/2021 | 3          | 5        | 45.75      | Yes           | 18.55          | -27.20        |
| 6208   | 11/26/2021 | 3          | 6        | 45.63      | Yes           | 18.55          | -27.08        |
| 6209   | 11/26/2021 | 3          | 7        | 44.96      | Yes           | 18.55          | -26.41        |
| 6210   | 11/26/2021 | 3          | 8        | 44.73      | Yes           | 18.55          | -26.18        |
| 6211   | 11/26/2021 | 3          | 9        | 44.48      | Yes           | 18.55          | -25.93        |
| 6212   | 11/26/2021 | 3          | 10       | 44.75      | Yes           | 18.55          | -26.20        |
| 6213   | 11/26/2021 | 3          | 11       | 44.87      | Yes           | 18.55          | -26.32        |
| 6214   | 11/26/2021 | 3          | 12       | 44.52      | Yes           | 18.55          | -25.97        |
| 6215   | 11/26/2021 | 4          | 1        | 44.36      | Yes           | 18.55          | -25.81        |
| 6216   | 11/26/2021 | 4          | 2        | 44.38      | Yes           | 18.55          | -25.83        |
| 6217   | 11/26/2021 | 4          | 3        | 44.14      | Yes           | 18.55          | -25.59        |
| 6218   | 11/26/2021 | 4          | 4        | 44.41      | Yes           | 18.55          | -25.86        |
| 6219   | 11/26/2021 | 4          | 5        | 43.96      | Yes           | 18.55          | -25.41        |
| 6220   | 11/26/2021 | 4          | 6        | 42.87      | Yes           | 18.55          | -24.32        |
| 6221   | 11/26/2021 | 4          | 7        | 42.53      | Yes           | 18.55          | -23.98        |
| 6222   | 11/26/2021 | 4          | 8        | 41.65      | Yes           | 18.55          | -23.10        |
| 6223   | 11/26/2021 | 4          | 9        | 41.65      | Yes           | 18.55          | -23.10        |
| 6224   | 11/26/2021 | 4          | 10       | 41.71      | Yes           | 18.55          | -23.16        |
| 6225   | 11/26/2021 | 4          | 11       | 41.71      | Yes           | 18.55          | -23.16        |
| 6226   | 11/26/2021 | 4          | 12       | 41.71      | Yes           | 18.55          | -23.16        |
| 6227   | 11/26/2021 | 5          | 1        | 41.57      | Yes           | 18.55          | -23.02        |
| 6228   | 11/26/2021 | 5          | 2        | 40.80      | Yes           | 18.55          | -22.25        |

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| 6229   | 11/26/2021 | 5          | 3        | 41.16      | Yes           | 18.55          | -22.61        |
| 6230   | 11/26/2021 | 5          | 4        | 41.81      | Yes           | 18.55          | -23.26        |
| 6231   | 11/26/2021 | 5          | 5        | 41.81      | Yes           | 18.55          | -23.26        |
| 6232   | 11/26/2021 | 5          | 6        | 41.81      | Yes           | 18.55          | -23.26        |
| 6233   | 11/26/2021 | 5          | 7        | 42.83      | Yes           | 18.55          | -24.28        |
| 6234   | 11/26/2021 | 5          | 8        | 42.13      | Yes           | 18.55          | -23.58        |
| 6235   | 11/26/2021 | 5          | 9        | 42.13      | Yes           | 18.55          | -23.58        |
| 6236   | 11/26/2021 | 5          | 10       | 43.01      | Yes           | 18.55          | -24.46        |
| 6237   | 11/26/2021 | 5          | 11       | 43.01      | Yes           | 18.55          | -24.46        |
| 6238   | 11/26/2021 | 5          | 12       | 42.31      | Yes           | 18.55          | -23.76        |
| 6239   | 11/26/2021 | 6          | 1        | 40.74      | Yes           | 18.55          | -22.19        |
| 6240   | 11/26/2021 | 6          | 2        | 44.81      | Yes           | 18.55          | -26.26        |
| 6241   | 11/26/2021 | 6          | 3        | 45.61      | Yes           | 18.55          | -27.06        |
| 6242   | 11/26/2021 | 6          | 4        | 46.54      | Yes           | 18.55          | -27.99        |
| 6243   | 11/26/2021 | 6          | 5        | 47.11      | Yes           | 18.55          | -28.56        |
| 6244   | 11/26/2021 | 6          | 6        | 46.54      | Yes           | 18.55          | -27.99        |
| 6245   | 11/26/2021 | 6          | 7        | 47.18      | Yes           | 18.55          | -28.63        |
| 6246   | 11/26/2021 | 6          | 8        | 48.29      | Yes           | 18.55          | -29.74        |
| 6247   | 11/26/2021 | 6          | 9        | 49.14      | Yes           | 18.55          | -30.59        |
| 6248   | 11/26/2021 | 6          | 10       | 49.87      | Yes           | 18.55          | -31.32        |
| 6249   | 11/26/2021 | 6          | 11       | 49.92      | Yes           | 18.55          | -31.37        |
| 6250   | 11/26/2021 | 6          | 12       | 49.29      | Yes           | 18.55          | -30.74        |
| 6251   | 11/26/2021 | 7          | 1        | 51.48      | Yes           | 18.55          | -32.93        |
| 6252   | 11/26/2021 | 7          | 2        | 51.39      | Yes           | 18.55          | -32.84        |
| 6253   | 11/26/2021 | 7          | 3        | 51.21      | Yes           | 18.55          | -32.66        |
| 6254   | 11/26/2021 | 7          | 4        | 52.88      | Yes           | 18.55          | -34.33        |
| 6255   | 11/26/2021 | 7          | 5        | 52.88      | Yes           | 18.55          | -34.33        |
| 6256   | 11/26/2021 | 7          | 6        | 52.43      | Yes           | 18.55          | -33.88        |
| 6257   | 11/26/2021 | 7          | 7        | 52.33      | Yes           | 18.55          | -33.78        |
| 6258   | 11/26/2021 | 7          | 8        | 53.41      | Yes           | 18.55          | -34.86        |
| 6259   | 11/26/2021 | 7          | 9        | 51.58      | Yes           | 18.55          | -33.03        |
| 6260   | 11/26/2021 | 7          | 10       | 51.40      | Yes           | 18.55          | -32.85        |
| 6261   | 11/26/2021 | 7          | 11       | 51.40      | Yes           | 18.55          | -32.85        |
| 6262   | 11/26/2021 | 7          | 12       | 48.82      | Yes           | 18.55          | -30.27        |
| 6263   | 11/26/2021 | 8          | 1        | 62.61      | Yes           | 18.55          | -44.06        |
| 6264   | 11/26/2021 | 8          | 2        | 62.52      | Yes           | 18.55          | -43.97        |
| 6265   | 11/26/2021 | 8          | 3        | 60.25      | Yes           | 18.55          | -41.70        |
| 6266   | 11/26/2021 | 8          | 4        | 58.87      | Yes           | 18.55          | -40.32        |

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| 6267   | 11/26/2021 | 8          | 5        | 55.65      | Yes           | 18.55          | -37.10        |
| 6268   | 11/26/2021 | 8          | 6        | 52.23      | Yes           | 18.55          | -33.68        |
| 6269   | 11/26/2021 | 8          | 7        | 48.27      | Yes           | 18.55          | -29.72        |
| 6270   | 11/26/2021 | 8          | 8        | 37.92      | Yes           | 18.55          | -19.37        |
| 6271   | 11/26/2021 | 8          | 9        | 33.99      | Yes           | 18.55          | -15.44        |
| 6272   | 11/26/2021 | 8          | 10       | 27.62      | Yes           | 18.55          | -9.07         |
| 6273   | 11/26/2021 | 8          | 11       | 20.07      | Yes           | 18.55          | -1.52         |
| 6274   | 11/26/2021 | 8          | 12       | 6.41       | Yes           | 18.55          | 12.14         |
| 6275   | 11/26/2021 | 9          | 1        | 34.58      | Yes           | 18.55          | -16.03        |
| 6276   | 11/26/2021 | 9          | 2        | 36.66      | Yes           | 18.55          | -18.11        |
| 6277   | 11/26/2021 | 9          | 3        | 45.70      | Yes           | 18.55          | -27.15        |
| 6278   | 11/26/2021 | 9          | 4        | 46.62      | Yes           | 18.55          | -28.07        |
| 6279   | 11/26/2021 | 9          | 5        | 34.14      | Yes           | 18.55          | -15.59        |
| 6280   | 11/26/2021 | 9          | 6        | 34.15      | Yes           | 18.55          | -15.60        |
| 6281   | 11/26/2021 | 9          | 7        | 35.98      | Yes           | 18.55          | -17.43        |
| 6282   | 11/26/2021 | 9          | 8        | 34.20      | Yes           | 18.55          | -15.65        |
| 6283   | 11/26/2021 | 9          | 9        | 34.17      | Yes           | 18.55          | -15.62        |
| 6284   | 11/26/2021 | 9          | 10       | 33.47      | Yes           | 18.55          | -14.92        |
| 6285   | 11/26/2021 | 9          | 11       | 31.37      | Yes           | 18.55          | -12.82        |
| 6286   | 11/26/2021 | 9          | 12       | 29.39      | Yes           | 18.55          | -10.84        |
| 6287   | 11/26/2021 | 10         | 1        | 37.08      | Yes           | 18.55          | -18.53        |
| 6288   | 11/26/2021 | 10         | 2        | 36.18      | Yes           | 18.55          | -17.63        |
| 6289   | 11/26/2021 | 10         | 3        | 35.04      | Yes           | 18.55          | -16.49        |
| 6290   | 11/26/2021 | 10         | 4        | 34.19      | Yes           | 18.55          | -15.64        |
| 6291   | 11/26/2021 | 10         | 5        | 32.35      | Yes           | 18.55          | -13.80        |
| 6292   | 11/26/2021 | 10         | 6        | 31.09      | Yes           | 18.55          | -12.54        |
| 6293   | 11/26/2021 | 10         | 7        | 23.41      | Yes           | 18.55          | -4.86         |
| 6294   | 11/26/2021 | 10         | 8        | 20.01      | Yes           | 18.55          | -1.46         |
| 6295   | 11/26/2021 | 10         | 9        | 15.55      | Yes           | 18.55          | 3.00          |
| 6296   | 11/26/2021 | 10         | 10       | 15.20      | Yes           | 18.55          | 3.35          |
| 6297   | 11/26/2021 | 10         | 11       | 15.20      | Yes           | 18.55          | 3.35          |
| 6298   | 11/26/2021 | 10         | 12       | 24.12      | Yes           | 18.55          | -5.57         |
| 6299   | 11/26/2021 | 11         | 1        | 19.33      | Yes           | 18.55          | -0.78         |
| 6300   | 11/26/2021 | 11         | 2        | 16.67      | Yes           | 18.55          | 1.88          |
| 6301   | 11/26/2021 | 11         | 3        | 19.22      | Yes           | 18.55          | -0.67         |
| 6302   | 11/26/2021 | 11         | 4        | 16.07      | Yes           | 18.55          | 2.48          |
| 6303   | 11/26/2021 | 11         | 5        | 16.06      | Yes           | 18.55          | 2.49          |
| 6304   | 11/26/2021 | 11         | 6        | 14.22      | Yes           | 18.55          | 4.33          |

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| 6305   | 11/26/2021 | 11         | 7        | 14.69      | Yes           | 18.55          | 3.86          |
| 6306   | 11/26/2021 | 11         | 8        | 15.08      | Yes           | 18.55          | 3.47          |
| 6307   | 11/26/2021 | 11         | 9        | 19.02      | Yes           | 18.55          | -0.47         |
| 6308   | 11/26/2021 | 11         | 10       | 25.26      | Yes           | 18.55          | -6.71         |
| 6309   | 11/26/2021 | 11         | 11       | 21.04      | Yes           | 18.55          | -2.49         |
| 6310   | 11/26/2021 | 11         | 12       | 12.47      | Yes           | 18.55          | 6.08          |
| 6311   | 11/26/2021 | 12         | 1        | 18.66      | Yes           | 18.55          | -0.11         |
| 6312   | 11/26/2021 | 12         | 2        | 14.24      | Yes           | 18.55          | 4.31          |
| 6313   | 11/26/2021 | 12         | 3        | 14.32      | Yes           | 18.55          | 4.23          |
| 6314   | 11/26/2021 | 12         | 4        | -0.01      | Yes           | 18.55          | 18.56         |
| 6315   | 11/26/2021 | 12         | 5        | -0.01      | Yes           | 18.55          | 18.56         |
| 6316   | 11/26/2021 | 12         | 6        | -0.01      | Yes           | 18.55          | 18.56         |
| 6317   | 11/26/2021 | 12         | 7        | 14.70      | Yes           | 18.55          | 3.85          |
| 6318   | 11/26/2021 | 12         | 8        | 0.05       | Yes           | 18.55          | 18.50         |
| 6319   | 11/26/2021 | 12         | 9        | -0.01      | Yes           | 18.55          | 18.56         |
| 6320   | 11/26/2021 | 12         | 10       | -0.01      | Yes           | 18.55          | 18.56         |
| 6321   | 11/26/2021 | 12         | 11       | -0.01      | Yes           | 18.55          | 18.56         |
| 6322   | 11/26/2021 | 12         | 12       | -0.01      | Yes           | 18.55          | 18.56         |
| 6323   | 11/26/2021 | 13         | 1        | 9.93       | Yes           | 18.55          | 8.62          |
| 6324   | 11/26/2021 | 13         | 2        | 9.90       | Yes           | 18.55          | 8.65          |
| 6325   | 11/26/2021 | 13         | 3        | 3.58       | Yes           | 18.55          | 14.97         |
| 6326   | 11/26/2021 | 13         | 4        | -0.01      | Yes           | 18.55          | 18.56         |
| 6327   | 11/26/2021 | 13         | 5        | 0.00       | Yes           | 18.55          | 18.55         |
| 6328   | 11/26/2021 | 13         | 6        | 0.05       | Yes           | 18.55          | 18.50         |
| 6329   | 11/26/2021 | 13         | 7        | -0.01      | Yes           | 18.55          | 18.56         |
| 6330   | 11/26/2021 | 13         | 8        | 0.00       | Yes           | 18.55          | 18.55         |
| 6331   | 11/26/2021 | 13         | 9        | -0.01      | Yes           | 18.55          | 18.56         |
| 6332   | 11/26/2021 | 13         | 10       | -0.01      | Yes           | 18.55          | 18.56         |
| 6333   | 11/26/2021 | 13         | 11       | -0.01      | Yes           | 18.55          | 18.56         |
| 6334   | 11/26/2021 | 13         | 12       | -0.01      | Yes           | 18.55          | 18.56         |
| 6335   | 11/26/2021 | 14         | 1        | -0.01      | Yes           | 18.55          | 18.56         |
| 6336   | 11/26/2021 | 14         | 2        | -0.01      | Yes           | 18.55          | 18.56         |
| 6337   | 11/26/2021 | 14         | 3        | -0.01      | Yes           | 18.55          | 18.56         |
| 6338   | 11/26/2021 | 14         | 4        | 13.86      | Yes           | 18.55          | 4.69          |
| 6339   | 11/26/2021 | 14         | 5        | 14.12      | Yes           | 18.55          | 4.43          |
| 6340   | 11/26/2021 | 14         | 6        | 11.20      | Yes           | 18.55          | 7.35          |
| 6341   | 11/26/2021 | 14         | 7        | 7.15       | Yes           | 18.55          | 11.40         |
| 6342   | 11/26/2021 | 14         | 8        | 6.97       | Yes           | 18.55          | 11.58         |

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| 6343   | 11/26/2021 | 14         | 9        | 11.01      | Yes           | 18.55          | 7.54          |
| 6344   | 11/26/2021 | 14         | 10       | 7.17       | Yes           | 18.55          | 11.38         |
| 6345   | 11/26/2021 | 14         | 11       | 11.33      | Yes           | 18.55          | 7.22          |
| 6346   | 11/26/2021 | 14         | 12       | 14.87      | Yes           | 18.55          | 3.68          |
| 6347   | 11/26/2021 | 15         | 1        | -0.01      | Yes           | 18.55          | 18.56         |
| 6348   | 11/26/2021 | 15         | 2        | -0.01      | Yes           | 18.55          | 18.56         |
| 6349   | 11/26/2021 | 15         | 3        | -0.01      | Yes           | 18.55          | 18.56         |
| 6350   | 11/26/2021 | 15         | 4        | 16.07      | Yes           | 18.55          | 2.48          |
| 6351   | 11/26/2021 | 15         | 5        | 28.25      | Yes           | 18.55          | -9.70         |
| 6352   | 11/26/2021 | 15         | 6        | 31.34      | Yes           | 18.55          | -12.79        |
| 6353   | 11/26/2021 | 15         | 7        | 31.98      | Yes           | 18.55          | -13.43        |
| 6354   | 11/26/2021 | 15         | 8        | 37.40      | Yes           | 18.55          | -18.85        |
| 6355   | 11/26/2021 | 15         | 9        | 37.14      | Yes           | 18.55          | -18.59        |
| 6356   | 11/26/2021 | 15         | 10       | 38.87      | Yes           | 18.55          | -20.32        |
| 6357   | 11/26/2021 | 15         | 11       | 38.88      | Yes           | 18.55          | -20.33        |
| 6358   | 11/26/2021 | 15         | 12       | 36.85      | Yes           | 18.55          | -18.30        |
| 6359   | 11/26/2021 | 16         | 1        | 22.13      | Yes           | 18.55          | -3.58         |
| 6360   | 11/26/2021 | 16         | 2        | 26.64      | Yes           | 18.55          | -8.09         |
| 6361   | 11/26/2021 | 16         | 3        | 30.27      | Yes           | 18.55          | -11.72        |
| 6362   | 11/26/2021 | 16         | 4        | 31.82      | Yes           | 18.55          | -13.27        |
| 6363   | 11/26/2021 | 16         | 5        | 39.87      | Yes           | 18.55          | -21.32        |
| 6364   | 11/26/2021 | 16         | 6        | 43.14      | Yes           | 18.55          | -24.59        |
| 6365   | 11/26/2021 | 16         | 7        | 51.36      | Yes           | 18.55          | -32.81        |
| 6366   | 11/26/2021 | 16         | 8        | 58.62      | Yes           | 18.55          | -40.07        |
| 6367   | 11/26/2021 | 16         | 9        | 60.41      | Yes           | 18.55          | -41.86        |
| 6368   | 11/26/2021 | 16         | 10       | 72.66      | Yes           | 18.55          | -54.11        |
| 6369   | 11/26/2021 | 16         | 11       | 76.17      | Yes           | 18.55          | -57.62        |
| 6370   | 11/26/2021 | 16         | 12       | 74.33      | Yes           | 18.55          | -55.78        |
| 6371   | 11/26/2021 | 17         | 1        | 51.41      | Yes           | 18.55          | -32.86        |
| 6372   | 11/26/2021 | 17         | 2        | 44.52      | Yes           | 18.55          | -25.97        |
| 6373   | 11/26/2021 | 17         | 3        | 44.44      | Yes           | 18.55          | -25.89        |
| 6374   | 11/26/2021 | 17         | 4        | 47.52      | Yes           | 18.55          | -28.97        |
| 6375   | 11/26/2021 | 17         | 5        | 48.71      | Yes           | 18.55          | -30.16        |
| 6376   | 11/26/2021 | 17         | 6        | 52.99      | Yes           | 18.55          | -34.44        |
| 6377   | 11/26/2021 | 17         | 7        | 53.32      | Yes           | 18.55          | -34.77        |
| 6378   | 11/26/2021 | 17         | 8        | 54.85      | Yes           | 18.55          | -36.30        |
| 6379   | 11/26/2021 | 17         | 9        | 56.22      | Yes           | 18.55          | -37.67        |
| 6380   | 11/26/2021 | 17         | 10       | 56.89      | Yes           | 18.55          | -38.34        |

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| 6381   | 11/26/2021 | 17         | 11       | 57.04      | Yes           | 18.55          | -38.49        |
| 6382   | 11/26/2021 | 17         | 12       | 59.32      | Yes           | 18.55          | -40.77        |
| 6383   | 11/26/2021 | 18         | 1        | 58.72      | Yes           | 18.55          | -40.17        |
| 6384   | 11/26/2021 | 18         | 2        | 58.59      | Yes           | 18.55          | -40.04        |
| 6385   | 11/26/2021 | 18         | 3        | 58.39      | Yes           | 18.55          | -39.84        |
| 6386   | 11/26/2021 | 18         | 4        | 58.13      | Yes           | 18.55          | -39.58        |
| 6387   | 11/26/2021 | 18         | 5        | 57.27      | Yes           | 18.55          | -38.72        |
| 6388   | 11/26/2021 | 18         | 6        | 56.64      | Yes           | 18.55          | -38.09        |
| 6389   | 11/26/2021 | 18         | 7        | 55.40      | Yes           | 18.55          | -36.85        |
| 6390   | 11/26/2021 | 18         | 8        | 54.40      | Yes           | 18.55          | -35.85        |
| 6391   | 11/26/2021 | 18         | 9        | 54.54      | Yes           | 18.55          | -35.99        |
| 6392   | 11/26/2021 | 18         | 10       | 53.80      | Yes           | 18.55          | -35.25        |
| 6393   | 11/26/2021 | 18         | 11       | 53.80      | Yes           | 18.55          | -35.25        |
| 6394   | 11/26/2021 | 18         | 12       | 53.91      | Yes           | 18.55          | -35.36        |
| 6395   | 11/26/2021 | 19         | 1        | 52.83      | Yes           | 18.55          | -34.28        |
| 6396   | 11/26/2021 | 19         | 2        | 51.56      | Yes           | 18.55          | -33.01        |
| 6397   | 11/26/2021 | 19         | 3        | 51.46      | Yes           | 18.55          | -32.91        |
| 6398   | 11/26/2021 | 19         | 4        | 51.41      | Yes           | 18.55          | -32.86        |
| 6399   | 11/26/2021 | 19         | 5        | 52.32      | Yes           | 18.55          | -33.77        |
| 6400   | 11/26/2021 | 19         | 6        | 52.19      | Yes           | 18.55          | -33.64        |
| 6401   | 11/26/2021 | 19         | 7        | 52.61      | Yes           | 18.55          | -34.06        |
| 6402   | 11/26/2021 | 19         | 8        | 52.02      | Yes           | 18.55          | -33.47        |
| 6403   | 11/26/2021 | 19         | 9        | 51.00      | Yes           | 18.55          | -32.45        |
| 6404   | 11/26/2021 | 19         | 10       | 50.75      | Yes           | 18.55          | -32.20        |
| 6405   | 11/26/2021 | 19         | 11       | 50.87      | Yes           | 18.55          | -32.32        |
| 6406   | 11/26/2021 | 19         | 12       | 50.98      | Yes           | 18.55          | -32.43        |
| 6407   | 11/26/2021 | 20         | 1        | 56.02      | Yes           | 18.55          | -37.47        |
| 6408   | 11/26/2021 | 20         | 2        | 55.82      | Yes           | 18.55          | -37.27        |
| 6409   | 11/26/2021 | 20         | 3        | 55.82      | Yes           | 18.55          | -37.27        |
| 6410   | 11/26/2021 | 20         | 4        | 55.48      | Yes           | 18.55          | -36.93        |
| 6411   | 11/26/2021 | 20         | 5        | 54.95      | Yes           | 18.55          | -36.40        |
| 6412   | 11/26/2021 | 20         | 6        | 56.23      | Yes           | 18.55          | -37.68        |
| 6413   | 11/26/2021 | 20         | 7        | 55.29      | Yes           | 18.55          | -36.74        |
| 6414   | 11/26/2021 | 20         | 8        | 55.18      | Yes           | 18.55          | -36.63        |
| 6415   | 11/26/2021 | 20         | 9        | 54.56      | Yes           | 18.55          | -36.01        |
| 6416   | 11/26/2021 | 20         | 10       | 53.93      | Yes           | 18.55          | -35.38        |
| 6417   | 11/26/2021 | 20         | 11       | 54.85      | Yes           | 18.55          | -36.30        |
| 6418   | 11/26/2021 | 20         | 12       | 54.85      | Yes           | 18.55          | -36.30        |

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| 6419   | 11/26/2021 | 21         | 1        | 59.60      | Yes           | 18.55          | -41.05        |
| 6420   | 11/26/2021 | 21         | 2        | 58.93      | Yes           | 18.55          | -40.38        |
| 6421   | 11/26/2021 | 21         | 3        | 58.09      | Yes           | 18.55          | -39.54        |
| 6422   | 11/26/2021 | 21         | 4        | 57.21      | Yes           | 18.55          | -38.66        |
| 6423   | 11/26/2021 | 21         | 5        | 57.55      | Yes           | 18.55          | -39.00        |
| 6424   | 11/26/2021 | 21         | 6        | 58.80      | Yes           | 18.55          | -40.25        |
| 6425   | 11/26/2021 | 21         | 7        | 58.55      | Yes           | 18.55          | -40.00        |
| 6426   | 11/26/2021 | 21         | 8        | 58.20      | Yes           | 18.55          | -39.65        |
| 6427   | 11/26/2021 | 21         | 9        | 58.20      | Yes           | 18.55          | -39.65        |
| 6428   | 11/26/2021 | 21         | 10       | 57.69      | Yes           | 18.55          | -39.14        |
| 6429   | 11/26/2021 | 21         | 11       | 56.06      | Yes           | 18.55          | -37.51        |
| 6430   | 11/26/2021 | 21         | 12       | 57.33      | Yes           | 18.55          | -38.78        |
| 6431   | 11/26/2021 | 22         | 1        | 58.97      | Yes           | 18.55          | -40.42        |
| 6432   | 11/26/2021 | 22         | 2        | 58.71      | Yes           | 18.55          | -40.16        |
| 6433   | 11/26/2021 | 22         | 3        | 56.69      | Yes           | 18.55          | -38.14        |
| 6434   | 11/26/2021 | 22         | 4        | 56.10      | Yes           | 18.55          | -37.55        |
| 6435   | 11/26/2021 | 22         | 5        | 56.45      | Yes           | 18.55          | -37.90        |
| 6436   | 11/26/2021 | 22         | 6        | 55.22      | Yes           | 18.55          | -36.67        |
| 6437   | 11/26/2021 | 22         | 7        | 54.55      | Yes           | 18.55          | -36.00        |
| 6438   | 11/26/2021 | 22         | 8        | 54.14      | Yes           | 18.55          | -35.59        |
| 6439   | 11/26/2021 | 22         | 9        | 54.14      | Yes           | 18.55          | -35.59        |
| 6440   | 11/26/2021 | 22         | 10       | 53.92      | Yes           | 18.55          | -35.37        |
| 6441   | 11/26/2021 | 22         | 11       | 53.92      | Yes           | 18.55          | -35.37        |
| 6442   | 11/26/2021 | 22         | 12       | 53.92      | Yes           | 18.55          | -35.37        |
| 6443   | 11/26/2021 | 23         | 1        | 57.06      | Yes           | 18.55          | -38.51        |
| 6444   | 11/26/2021 | 23         | 2        | 58.46      | Yes           | 18.55          | -39.91        |
| 6445   | 11/26/2021 | 23         | 3        | 58.01      | Yes           | 18.55          | -39.46        |
| 6446   | 11/26/2021 | 23         | 4        | 56.26      | Yes           | 18.55          | -37.71        |
| 6447   | 11/26/2021 | 23         | 5        | 57.27      | Yes           | 18.55          | -38.72        |
| 6448   | 11/26/2021 | 23         | 6        | 56.02      | Yes           | 18.55          | -37.47        |
| 6449   | 11/26/2021 | 23         | 7        | 55.38      | Yes           | 18.55          | -36.83        |
| 6450   | 11/26/2021 | 23         | 8        | 54.46      | Yes           | 18.55          | -35.91        |
| 6451   | 11/26/2021 | 23         | 9        | 55.03      | Yes           | 18.55          | -36.48        |
| 6452   | 11/26/2021 | 23         | 10       | 53.67      | Yes           | 18.55          | -35.12        |
| 6453   | 11/26/2021 | 23         | 11       | 53.67      | Yes           | 18.55          | -35.12        |
| 6454   | 11/26/2021 | 23         | 12       | 54.65      | Yes           | 18.55          | -36.10        |
| 6455   | 11/26/2021 | 24         | 1        | 53.40      | Yes           | 18.55          | -34.85        |
| 6456   | 11/26/2021 | 24         | 2        | 54.14      | Yes           | 18.55          | -35.59        |

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| 6457   | 11/26/2021 | 24         | 3        | 53.42      | Yes           | 18.55          | -34.87        |
| 6458   | 11/26/2021 | 24         | 4        | 53.55      | Yes           | 18.55          | -35.00        |
| 6459   | 11/26/2021 | 24         | 5        | 52.86      | Yes           | 18.55          | -34.31        |
| 6460   | 11/26/2021 | 24         | 6        | 51.93      | Yes           | 18.55          | -33.38        |
| 6461   | 11/26/2021 | 24         | 7        | 52.16      | Yes           | 18.55          | -33.61        |
| 6462   | 11/26/2021 | 24         | 8        | 51.76      | Yes           | 18.55          | -33.21        |
| 6463   | 11/26/2021 | 24         | 9        | 51.03      | Yes           | 18.55          | -32.48        |
| 6464   | 11/26/2021 | 24         | 10       | 50.74      | Yes           | 18.55          | -32.19        |
| 6465   | 11/26/2021 | 24         | 11       | 50.74      | Yes           | 18.55          | -32.19        |
| 6466   | 11/26/2021 | 24         | 12       | 50.58      | Yes           | 18.55          | -32.03        |
| 6467   | 11/27/2021 | 1          | 1        | 54.11      | Yes           | 18.55          | -35.56        |
| 6468   | 11/27/2021 | 1          | 2        | 55.36      | Yes           | 18.55          | -36.81        |
| 6469   | 11/27/2021 | 1          | 3        | 52.12      | Yes           | 18.55          | -33.57        |
| 6470   | 11/27/2021 | 1          | 4        | 52.01      | Yes           | 18.55          | -33.46        |
| 6471   | 11/27/2021 | 1          | 5        | 52.01      | Yes           | 18.55          | -33.46        |
| 6472   | 11/27/2021 | 1          | 6        | 51.77      | Yes           | 18.55          | -33.22        |
| 6473   | 11/27/2021 | 1          | 7        | 51.24      | Yes           | 18.55          | -32.69        |
| 6474   | 11/27/2021 | 1          | 8        | 51.55      | Yes           | 18.55          | -33.00        |
| 6475   | 11/27/2021 | 1          | 9        | 51.31      | Yes           | 18.55          | -32.76        |
| 6476   | 11/27/2021 | 1          | 10       | 52.17      | Yes           | 18.55          | -33.62        |
| 6477   | 11/27/2021 | 1          | 11       | 51.66      | Yes           | 18.55          | -33.11        |
| 6478   | 11/27/2021 | 1          | 12       | 49.72      | Yes           | 18.55          | -31.17        |
| 6479   | 11/27/2021 | 2          | 1        | 54.34      | Yes           | 18.55          | -35.79        |
| 6480   | 11/27/2021 | 2          | 2        | 54.31      | Yes           | 18.55          | -35.76        |
| 6481   | 11/27/2021 | 2          | 3        | 53.18      | Yes           | 18.55          | -34.63        |
| 6482   | 11/27/2021 | 2          | 4        | 52.10      | Yes           | 18.55          | -33.55        |
| 6483   | 11/27/2021 | 2          | 5        | 52.98      | Yes           | 18.55          | -34.43        |
| 6484   | 11/27/2021 | 2          | 6        | 52.98      | Yes           | 18.55          | -34.43        |
| 6485   | 11/27/2021 | 2          | 7        | 52.78      | Yes           | 18.55          | -34.23        |
| 6486   | 11/27/2021 | 2          | 8        | 52.38      | Yes           | 18.55          | -33.83        |
| 6487   | 11/27/2021 | 2          | 9        | 52.28      | Yes           | 18.55          | -33.73        |
| 6488   | 11/27/2021 | 2          | 10       | 52.05      | Yes           | 18.55          | -33.50        |
| 6489   | 11/27/2021 | 2          | 11       | 51.98      | Yes           | 18.55          | -33.43        |
| 6490   | 11/27/2021 | 2          | 12       | 51.98      | Yes           | 18.55          | -33.43        |
| 6491   | 11/27/2021 | 3          | 1        | 54.35      | Yes           | 18.55          | -35.80        |
| 6492   | 11/27/2021 | 3          | 2        | 54.35      | Yes           | 18.55          | -35.80        |
| 6493   | 11/27/2021 | 3          | 3        | 54.14      | Yes           | 18.55          | -35.59        |
| 6494   | 11/27/2021 | 3          | 4        | 54.28      | Yes           | 18.55          | -35.73        |



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| 6495   | 11/27/2021 | 3          | 5        | 55.10      | Yes           | 18.55          | -36.55        |
| 6496   | 11/27/2021 | 3          | 6        | 54.37      | Yes           | 18.55          | -35.82        |
| 6497   | 11/27/2021 | 3          | 7        | 53.25      | Yes           | 18.55          | -34.70        |
| 6498   | 11/27/2021 | 3          | 8        | 53.25      | Yes           | 18.55          | -34.70        |
| 6499   | 11/27/2021 | 3          | 9        | 52.97      | Yes           | 18.55          | -34.42        |
| 6500   | 11/27/2021 | 3          | 10       | 52.85      | Yes           | 18.55          | -34.30        |
| 6501   | 11/27/2021 | 3          | 11       | 52.85      | Yes           | 18.55          | -34.30        |
| 6502   | 11/27/2021 | 3          | 12       | 52.85      | Yes           | 18.55          | -34.30        |
| 6503   | 11/27/2021 | 4          | 1        | 52.66      | Yes           | 18.55          | -34.11        |
| 6504   | 11/27/2021 | 4          | 2        | 52.61      | Yes           | 18.55          | -34.06        |
| 6505   | 11/27/2021 | 4          | 3        | 52.44      | Yes           | 18.55          | -33.89        |
| 6506   | 11/27/2021 | 4          | 4        | 52.46      | Yes           | 18.55          | -33.91        |
| 6507   | 11/27/2021 | 4          | 5        | 52.65      | Yes           | 18.55          | -34.10        |
| 6508   | 11/27/2021 | 4          | 6        | 52.65      | Yes           | 18.55          | -34.10        |
| 6509   | 11/27/2021 | 4          | 7        | 51.97      | Yes           | 18.55          | -33.42        |
| 6510   | 11/27/2021 | 4          | 8        | 52.00      | Yes           | 18.55          | -33.45        |
| 6511   | 11/27/2021 | 4          | 9        | 52.10      | Yes           | 18.55          | -33.55        |
| 6512   | 11/27/2021 | 4          | 10       | 52.10      | Yes           | 18.55          | -33.55        |
| 6513   | 11/27/2021 | 4          | 11       | 51.90      | Yes           | 18.55          | -33.35        |
| 6514   | 11/27/2021 | 4          | 12       | 51.90      | Yes           | 18.55          | -33.35        |
| 6515   | 11/27/2021 | 5          | 1        | 50.82      | Yes           | 18.55          | -32.27        |
| 6516   | 11/27/2021 | 5          | 2        | 50.94      | Yes           | 18.55          | -32.39        |
| 6517   | 11/27/2021 | 5          | 3        | 50.94      | Yes           | 18.55          | -32.39        |
| 6518   | 11/27/2021 | 5          | 4        | 51.16      | Yes           | 18.55          | -32.61        |
| 6519   | 11/27/2021 | 5          | 5        | 51.72      | Yes           | 18.55          | -33.17        |
| 6520   | 11/27/2021 | 5          | 6        | 52.27      | Yes           | 18.55          | -33.72        |
| 6521   | 11/27/2021 | 5          | 7        | 51.98      | Yes           | 18.55          | -33.43        |
| 6522   | 11/27/2021 | 5          | 8        | 52.18      | Yes           | 18.55          | -33.63        |
| 6523   | 11/27/2021 | 5          | 9        | 52.20      | Yes           | 18.55          | -33.65        |
| 6524   | 11/27/2021 | 5          | 10       | 52.44      | Yes           | 18.55          | -33.89        |
| 6525   | 11/27/2021 | 5          | 11       | 52.32      | Yes           | 18.55          | -33.77        |
| 6526   | 11/27/2021 | 5          | 12       | 56.24      | Yes           | 18.55          | -37.69        |
| 6527   | 11/27/2021 | 6          | 1        | 54.27      | Yes           | 18.55          | -35.72        |
| 6528   | 11/27/2021 | 6          | 2        | 54.27      | Yes           | 18.55          | -35.72        |
| 6529   | 11/27/2021 | 6          | 3        | 56.00      | Yes           | 18.55          | -37.45        |
| 6530   | 11/27/2021 | 6          | 4        | 56.16      | Yes           | 18.55          | -37.61        |
| 6531   | 11/27/2021 | 6          | 5        | 60.99      | Yes           | 18.55          | -42.44        |
| 6532   | 11/27/2021 | 6          | 6        | 61.13      | Yes           | 18.55          | -42.58        |

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| 6533   | 11/27/2021 | 6          | 7        | 62.50      | Yes           | 18.55          | -43.95        |
| 6534   | 11/27/2021 | 6          | 8        | 62.63      | Yes           | 18.55          | -44.08        |
| 6535   | 11/27/2021 | 6          | 9        | 64.87      | Yes           | 18.55          | -46.32        |
| 6536   | 11/27/2021 | 6          | 10       | 65.38      | Yes           | 18.55          | -46.83        |
| 6537   | 11/27/2021 | 6          | 11       | 64.35      | Yes           | 18.55          | -45.80        |
| 6538   | 11/27/2021 | 6          | 12       | 61.66      | Yes           | 18.55          | -43.11        |
| 6539   | 11/27/2021 | 7          | 1        | 61.30      | Yes           | 18.55          | -42.75        |
| 6540   | 11/27/2021 | 7          | 2        | 61.24      | Yes           | 18.55          | -42.69        |
| 6541   | 11/27/2021 | 7          | 3        | 61.06      | Yes           | 18.55          | -42.51        |
| 6542   | 11/27/2021 | 7          | 4        | 61.51      | Yes           | 18.55          | -42.96        |
| 6543   | 11/27/2021 | 7          | 5        | 64.23      | Yes           | 18.55          | -45.68        |
| 6544   | 11/27/2021 | 7          | 6        | 64.15      | Yes           | 18.55          | -45.60        |
| 6545   | 11/27/2021 | 7          | 7        | 64.25      | Yes           | 18.55          | -45.70        |
| 6546   | 11/27/2021 | 7          | 8        | 64.28      | Yes           | 18.55          | -45.73        |
| 6547   | 11/27/2021 | 7          | 9        | 64.28      | Yes           | 18.55          | -45.73        |
| 6548   | 11/27/2021 | 7          | 10       | 64.39      | Yes           | 18.55          | -45.84        |
| 6549   | 11/27/2021 | 7          | 11       | 64.10      | Yes           | 18.55          | -45.55        |
| 6550   | 11/27/2021 | 7          | 12       | 66.83      | Yes           | 18.55          | -48.28        |
| 6551   | 11/27/2021 | 8          | 1        | 73.43      | Yes           | 18.55          | -54.88        |
| 6552   | 11/27/2021 | 8          | 2        | 74.34      | Yes           | 18.55          | -55.79        |
| 6553   | 11/27/2021 | 8          | 3        | 74.34      | Yes           | 18.55          | -55.79        |
| 6554   | 11/27/2021 | 8          | 4        | 70.37      | Yes           | 18.55          | -51.82        |
| 6555   | 11/27/2021 | 8          | 5        | 71.79      | Yes           | 18.55          | -53.24        |
| 6556   | 11/27/2021 | 8          | 6        | 62.90      | Yes           | 18.55          | -44.35        |
| 6557   | 11/27/2021 | 8          | 7        | 56.54      | Yes           | 18.55          | -37.99        |
| 6558   | 11/27/2021 | 8          | 8        | 51.91      | Yes           | 18.55          | -33.36        |
| 6559   | 11/27/2021 | 8          | 9        | 45.61      | Yes           | 18.55          | -27.06        |
| 6560   | 11/27/2021 | 8          | 10       | 38.14      | Yes           | 18.55          | -19.59        |
| 6561   | 11/27/2021 | 8          | 11       | 35.74      | Yes           | 18.55          | -17.19        |
| 6562   | 11/27/2021 | 8          | 12       | 34.33      | Yes           | 18.55          | -15.78        |
| 6563   | 11/27/2021 | 9          | 1        | 43.47      | Yes           | 18.55          | -24.92        |
| 6564   | 11/27/2021 | 9          | 2        | 46.43      | Yes           | 18.55          | -27.88        |
| 6565   | 11/27/2021 | 9          | 3        | 48.48      | Yes           | 18.55          | -29.93        |
| 6566   | 11/27/2021 | 9          | 4        | 47.84      | Yes           | 18.55          | -29.29        |
| 6567   | 11/27/2021 | 9          | 5        | 42.73      | Yes           | 18.55          | -24.18        |
| 6568   | 11/27/2021 | 9          | 6        | 43.53      | Yes           | 18.55          | -24.98        |
| 6569   | 11/27/2021 | 9          | 7        | 46.68      | Yes           | 18.55          | -28.13        |
| 6570   | 11/27/2021 | 9          | 8        | 43.43      | Yes           | 18.55          | -24.88        |

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| 6571   | 11/27/2021 | 9          | 9        | 37.66      | Yes           | 18.55          | -19.11        |
| 6572   | 11/27/2021 | 9          | 10       | 44.98      | Yes           | 18.55          | -26.43        |
| 6573   | 11/27/2021 | 9          | 11       | 44.32      | Yes           | 18.55          | -25.77        |
| 6574   | 11/27/2021 | 9          | 12       | 44.26      | Yes           | 18.55          | -25.71        |
| 6575   | 11/27/2021 | 10         | 1        | 46.14      | Yes           | 18.55          | -27.59        |
| 6576   | 11/27/2021 | 10         | 2        | 41.80      | Yes           | 18.55          | -23.25        |
| 6577   | 11/27/2021 | 10         | 3        | 40.01      | Yes           | 18.55          | -21.46        |
| 6578   | 11/27/2021 | 10         | 4        | 48.41      | Yes           | 18.55          | -29.86        |
| 6579   | 11/27/2021 | 10         | 5        | 49.27      | Yes           | 18.55          | -30.72        |
| 6580   | 11/27/2021 | 10         | 6        | 51.91      | Yes           | 18.55          | -33.36        |
| 6581   | 11/27/2021 | 10         | 7        | 47.58      | Yes           | 18.55          | -29.03        |
| 6582   | 11/27/2021 | 10         | 8        | 45.75      | Yes           | 18.55          | -27.20        |
| 6583   | 11/27/2021 | 10         | 9        | 39.28      | Yes           | 18.55          | -20.73        |
| 6584   | 11/27/2021 | 10         | 10       | 60.84      | Yes           | 18.55          | -42.29        |
| 6585   | 11/27/2021 | 10         | 11       | 60.71      | Yes           | 18.55          | -42.16        |
| 6586   | 11/27/2021 | 10         | 12       | 60.47      | Yes           | 18.55          | -41.92        |
| 6587   | 11/27/2021 | 11         | 1        | 60.79      | Yes           | 18.55          | -42.24        |
| 6588   | 11/27/2021 | 11         | 2        | 61.81      | Yes           | 18.55          | -43.26        |
| 6589   | 11/27/2021 | 11         | 3        | 60.93      | Yes           | 18.55          | -42.38        |
| 6590   | 11/27/2021 | 11         | 4        | 60.05      | Yes           | 18.55          | -41.50        |
| 6591   | 11/27/2021 | 11         | 5        | 59.77      | Yes           | 18.55          | -41.22        |
| 6592   | 11/27/2021 | 11         | 6        | 59.14      | Yes           | 18.55          | -40.59        |
| 6593   | 11/27/2021 | 11         | 7        | 57.91      | Yes           | 18.55          | -39.36        |
| 6594   | 11/27/2021 | 11         | 8        | 59.05      | Yes           | 18.55          | -40.50        |
| 6595   | 11/27/2021 | 11         | 9        | 53.26      | Yes           | 18.55          | -34.71        |
| 6596   | 11/27/2021 | 11         | 10       | 42.46      | Yes           | 18.55          | -23.91        |
| 6597   | 11/27/2021 | 11         | 11       | 48.38      | Yes           | 18.55          | -29.83        |
| 6598   | 11/27/2021 | 11         | 12       | 47.78      | Yes           | 18.55          | -29.23        |
| 6599   | 11/27/2021 | 12         | 1        | 49.42      | Yes           | 18.55          | -30.87        |
| 6600   | 11/27/2021 | 12         | 2        | 48.51      | Yes           | 18.55          | -29.96        |
| 6601   | 11/27/2021 | 12         | 3        | 48.55      | Yes           | 18.55          | -30.00        |
| 6602   | 11/27/2021 | 12         | 4        | 48.93      | Yes           | 18.55          | -30.38        |
| 6603   | 11/27/2021 | 12         | 5        | 45.86      | Yes           | 18.55          | -27.31        |
| 6604   | 11/27/2021 | 12         | 6        | 45.59      | Yes           | 18.55          | -27.04        |
| 6605   | 11/27/2021 | 12         | 7        | 42.71      | Yes           | 18.55          | -24.16        |
| 6606   | 11/27/2021 | 12         | 8        | 42.87      | Yes           | 18.55          | -24.32        |
| 6607   | 11/27/2021 | 12         | 9        | 42.87      | Yes           | 18.55          | -24.32        |
| 6608   | 11/27/2021 | 12         | 10       | 45.14      | Yes           | 18.55          | -26.59        |

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| 6609   | 11/27/2021 | 12         | 11       | 44.71      | Yes           | 18.55          | -26.16        |
| 6610   | 11/27/2021 | 12         | 12       | 44.22      | Yes           | 18.55          | -25.67        |
| 6611   | 11/27/2021 | 13         | 1        | 43.04      | Yes           | 18.55          | -24.49        |
| 6612   | 11/27/2021 | 13         | 2        | 43.13      | Yes           | 18.55          | -24.58        |
| 6613   | 11/27/2021 | 13         | 3        | 41.55      | Yes           | 18.55          | -23.00        |
| 6614   | 11/27/2021 | 13         | 4        | 38.97      | Yes           | 18.55          | -20.42        |
| 6615   | 11/27/2021 | 13         | 5        | 37.53      | Yes           | 18.55          | -18.98        |
| 6616   | 11/27/2021 | 13         | 6        | 40.31      | Yes           | 18.55          | -21.76        |
| 6617   | 11/27/2021 | 13         | 7        | 38.43      | Yes           | 18.55          | -19.88        |
| 6618   | 11/27/2021 | 13         | 8        | 37.48      | Yes           | 18.55          | -18.93        |
| 6619   | 11/27/2021 | 13         | 9        | 37.31      | Yes           | 18.55          | -18.76        |
| 6620   | 11/27/2021 | 13         | 10       | 38.23      | Yes           | 18.55          | -19.68        |
| 6621   | 11/27/2021 | 13         | 11       | 37.53      | Yes           | 18.55          | -18.98        |
| 6622   | 11/27/2021 | 13         | 12       | 37.41      | Yes           | 18.55          | -18.86        |
| 6623   | 11/27/2021 | 14         | 1        | 36.08      | Yes           | 18.55          | -17.53        |
| 6624   | 11/27/2021 | 14         | 2        | 36.08      | Yes           | 18.55          | -17.53        |
| 6625   | 11/27/2021 | 14         | 3        | 36.71      | Yes           | 18.55          | -18.16        |
| 6626   | 11/27/2021 | 14         | 4        | 35.28      | Yes           | 18.55          | -16.73        |
| 6627   | 11/27/2021 | 14         | 5        | 35.95      | Yes           | 18.55          | -17.40        |
| 6628   | 11/27/2021 | 14         | 6        | 35.93      | Yes           | 18.55          | -17.38        |
| 6629   | 11/27/2021 | 14         | 7        | 34.01      | Yes           | 18.55          | -15.46        |
| 6630   | 11/27/2021 | 14         | 8        | 34.30      | Yes           | 18.55          | -15.75        |
| 6631   | 11/27/2021 | 14         | 9        | 33.78      | Yes           | 18.55          | -15.23        |
| 6632   | 11/27/2021 | 14         | 10       | 33.48      | Yes           | 18.55          | -14.93        |
| 6633   | 11/27/2021 | 14         | 11       | 33.75      | Yes           | 18.55          | -15.20        |
| 6634   | 11/27/2021 | 14         | 12       | 35.95      | Yes           | 18.55          | -17.40        |
| 6635   | 11/27/2021 | 15         | 1        | 25.03      | Yes           | 18.55          | -6.48         |
| 6636   | 11/27/2021 | 15         | 2        | 32.27      | Yes           | 18.55          | -13.72        |
| 6637   | 11/27/2021 | 15         | 3        | 33.65      | Yes           | 18.55          | -15.10        |
| 6638   | 11/27/2021 | 15         | 4        | 33.94      | Yes           | 18.55          | -15.39        |
| 6639   | 11/27/2021 | 15         | 5        | 37.64      | Yes           | 18.55          | -19.09        |
| 6640   | 11/27/2021 | 15         | 6        | 39.71      | Yes           | 18.55          | -21.16        |
| 6641   | 11/27/2021 | 15         | 7        | 34.45      | Yes           | 18.55          | -15.90        |
| 6642   | 11/27/2021 | 15         | 8        | 36.66      | Yes           | 18.55          | -18.11        |
| 6643   | 11/27/2021 | 15         | 9        | 36.57      | Yes           | 18.55          | -18.02        |
| 6644   | 11/27/2021 | 15         | 10       | 39.52      | Yes           | 18.55          | -20.97        |
| 6645   | 11/27/2021 | 15         | 11       | 44.93      | Yes           | 18.55          | -26.38        |
| 6646   | 11/27/2021 | 15         | 12       | 44.79      | Yes           | 18.55          | -26.24        |

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| 6647   | 11/27/2021 | 16         | 1        | 18.10      | Yes           | 18.55          | 0.45          |
| 6648   | 11/27/2021 | 16         | 2        | 23.61      | Yes           | 18.55          | -5.06         |
| 6649   | 11/27/2021 | 16         | 3        | 29.17      | Yes           | 18.55          | -10.62        |
| 6650   | 11/27/2021 | 16         | 4        | 47.59      | Yes           | 18.55          | -29.04        |
| 6651   | 11/27/2021 | 16         | 5        | 56.28      | Yes           | 18.55          | -37.73        |
| 6652   | 11/27/2021 | 16         | 6        | 55.46      | Yes           | 18.55          | -36.91        |
| 6653   | 11/27/2021 | 21         | 4        | 63.67      | Yes           | 18.55          | -45.12        |
| 6654   | 11/27/2021 | 21         | 5        | 64.83      | Yes           | 18.55          | -46.28        |
| 6655   | 11/27/2021 | 21         | 6        | 63.66      | Yes           | 18.55          | -45.11        |
| 6656   | 11/27/2021 | 21         | 7        | 63.37      | Yes           | 18.55          | -44.82        |
| 6657   | 11/27/2021 | 21         | 8        | 62.66      | Yes           | 18.55          | -44.11        |
| 6658   | 11/27/2021 | 21         | 9        | 62.57      | Yes           | 18.55          | -44.02        |
| 6659   | 11/27/2021 | 21         | 10       | 61.13      | Yes           | 18.55          | -42.58        |
| 6660   | 11/27/2021 | 21         | 11       | 62.34      | Yes           | 18.55          | -43.79        |
| 6661   | 11/27/2021 | 21         | 12       | 62.43      | Yes           | 18.55          | -43.88        |
| 6662   | 11/27/2021 | 22         | 1        | 67.17      | Yes           | 18.55          | -48.62        |
| 6663   | 11/27/2021 | 22         | 2        | 65.17      | Yes           | 18.55          | -46.62        |
| 6664   | 11/27/2021 | 22         | 3        | 64.25      | Yes           | 18.55          | -45.70        |
| 6665   | 11/27/2021 | 22         | 4        | 65.66      | Yes           | 18.55          | -47.11        |
| 6666   | 11/27/2021 | 22         | 5        | 65.00      | Yes           | 18.55          | -46.45        |
| 6667   | 11/27/2021 | 22         | 6        | 65.04      | Yes           | 18.55          | -46.49        |
| 6668   | 11/27/2021 | 22         | 7        | 65.04      | Yes           | 18.55          | -46.49        |
| 6669   | 11/27/2021 | 22         | 8        | 65.51      | Yes           | 18.55          | -46.96        |
| 6670   | 11/27/2021 | 22         | 9        | 64.55      | Yes           | 18.55          | -46.00        |
| 6671   | 11/27/2021 | 22         | 10       | 62.72      | Yes           | 18.55          | -44.17        |
| 6672   | 11/27/2021 | 22         | 11       | 65.25      | Yes           | 18.55          | -46.70        |
| 6673   | 11/27/2021 | 22         | 12       | 62.72      | Yes           | 18.55          | -44.17        |
| 6674   | 11/27/2021 | 23         | 1        | 62.97      | Yes           | 18.55          | -44.42        |
| 6675   | 11/27/2021 | 23         | 2        | 63.38      | Yes           | 18.55          | -44.83        |
| 6676   | 11/27/2021 | 23         | 3        | 62.40      | Yes           | 18.55          | -43.85        |
| 6677   | 11/27/2021 | 23         | 4        | 60.53      | Yes           | 18.55          | -41.98        |
| 6678   | 11/27/2021 | 23         | 5        | 59.87      | Yes           | 18.55          | -41.32        |
| 6679   | 11/27/2021 | 23         | 6        | 60.42      | Yes           | 18.55          | -41.87        |
| 6680   | 11/27/2021 | 23         | 7        | 57.45      | Yes           | 18.55          | -38.90        |
| 6681   | 11/27/2021 | 23         | 8        | 57.38      | Yes           | 18.55          | -38.83        |
| 6682   | 11/27/2021 | 23         | 9        | 56.44      | Yes           | 18.55          | -37.89        |
| 6683   | 11/27/2021 | 23         | 10       | 54.96      | Yes           | 18.55          | -36.41        |
| 6684   | 11/27/2021 | 23         | 11       | 54.89      | Yes           | 18.55          | -36.34        |

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| 6685   | 11/27/2021 | 23         | 12       | 53.87      | Yes           | 18.55          | -35.32        |
| 6686   | 11/27/2021 | 24         | 1        | 54.30      | Yes           | 18.55          | -35.75        |
| 6687   | 11/27/2021 | 24         | 2        | 55.13      | Yes           | 18.55          | -36.58        |
| 6688   | 11/27/2021 | 24         | 3        | 55.10      | Yes           | 18.55          | -36.55        |
| 6689   | 11/27/2021 | 24         | 4        | 54.34      | Yes           | 18.55          | -35.79        |
| 6690   | 11/27/2021 | 24         | 5        | 54.91      | Yes           | 18.55          | -36.36        |
| 6691   | 11/27/2021 | 24         | 6        | 54.68      | Yes           | 18.55          | -36.13        |
| 6692   | 11/27/2021 | 24         | 7        | 52.90      | Yes           | 18.55          | -34.35        |
| 6693   | 11/27/2021 | 24         | 8        | 51.99      | Yes           | 18.55          | -33.44        |
| 6694   | 11/27/2021 | 24         | 9        | 51.99      | Yes           | 18.55          | -33.44        |
| 6695   | 11/27/2021 | 24         | 10       | 52.75      | Yes           | 18.55          | -34.20        |
| 6696   | 11/27/2021 | 24         | 11       | 52.37      | Yes           | 18.55          | -33.82        |
| 6697   | 11/27/2021 | 24         | 12       | 50.65      | Yes           | 18.55          | -32.10        |
| 6698   | 11/28/2021 | 1          | 1        | 50.63      | Yes           | 18.55          | -32.08        |
| 6699   | 11/28/2021 | 1          | 2        | 51.86      | Yes           | 18.55          | -33.31        |
| 6700   | 11/28/2021 | 1          | 3        | 51.85      | Yes           | 18.55          | -33.30        |
| 6701   | 11/28/2021 | 1          | 4        | 51.90      | Yes           | 18.55          | -33.35        |
| 6702   | 11/28/2021 | 1          | 5        | 51.83      | Yes           | 18.55          | -33.28        |
| 6703   | 11/28/2021 | 1          | 6        | 51.99      | Yes           | 18.55          | -33.44        |
| 6704   | 11/28/2021 | 1          | 7        | 53.41      | Yes           | 18.55          | -34.86        |
| 6705   | 11/28/2021 | 1          | 8        | 52.66      | Yes           | 18.55          | -34.11        |
| 6706   | 11/28/2021 | 1          | 9        | 50.81      | Yes           | 18.55          | -32.26        |
| 6707   | 11/28/2021 | 1          | 10       | 49.78      | Yes           | 18.55          | -31.23        |
| 6708   | 11/28/2021 | 1          | 11       | 49.70      | Yes           | 18.55          | -31.15        |
| 6709   | 11/28/2021 | 1          | 12       | 48.53      | Yes           | 18.55          | -29.98        |
| 6710   | 11/28/2021 | 2          | 1        | 51.56      | Yes           | 18.55          | -33.01        |
| 6711   | 11/28/2021 | 2          | 2        | 51.56      | Yes           | 18.55          | -33.01        |
| 6712   | 11/28/2021 | 2          | 3        | 51.56      | Yes           | 18.55          | -33.01        |
| 6713   | 11/28/2021 | 2          | 4        | 51.06      | Yes           | 18.55          | -32.51        |
| 6714   | 11/28/2021 | 2          | 5        | 50.64      | Yes           | 18.55          | -32.09        |
| 6715   | 11/28/2021 | 2          | 6        | 50.14      | Yes           | 18.55          | -31.59        |
| 6716   | 11/28/2021 | 2          | 7        | 49.22      | Yes           | 18.55          | -30.67        |
| 6717   | 11/28/2021 | 2          | 8        | 49.09      | Yes           | 18.55          | -30.54        |
| 6718   | 11/28/2021 | 2          | 9        | 48.62      | Yes           | 18.55          | -30.07        |
| 6719   | 11/28/2021 | 2          | 10       | 48.35      | Yes           | 18.55          | -29.80        |
| 6720   | 11/28/2021 | 2          | 11       | 47.56      | Yes           | 18.55          | -29.01        |
| 6721   | 11/28/2021 | 2          | 12       | 47.13      | Yes           | 18.55          | -28.58        |
| 6722   | 11/28/2021 | 3          | 1        | 44.23      | Yes           | 18.55          | -25.68        |

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| 6723   | 11/28/2021 | 3          | 2        | 43.79      | Yes           | 18.55          | -25.24        |
| 6724   | 11/28/2021 | 3          | 3        | 43.98      | Yes           | 18.55          | -25.43        |
| 6725   | 11/28/2021 | 3          | 4        | 51.54      | Yes           | 18.55          | -32.99        |
| 6726   | 11/28/2021 | 3          | 5        | 51.44      | Yes           | 18.55          | -32.89        |
| 6727   | 11/28/2021 | 3          | 6        | 50.19      | Yes           | 18.55          | -31.64        |
| 6728   | 11/28/2021 | 3          | 7        | 50.84      | Yes           | 18.55          | -32.29        |
| 6729   | 11/28/2021 | 3          | 8        | 50.70      | Yes           | 18.55          | -32.15        |
| 6730   | 11/28/2021 | 3          | 9        | 50.11      | Yes           | 18.55          | -31.56        |
| 6731   | 11/28/2021 | 3          | 10       | 49.79      | Yes           | 18.55          | -31.24        |
| 6732   | 11/28/2021 | 3          | 11       | 50.36      | Yes           | 18.55          | -31.81        |
| 6733   | 11/28/2021 | 3          | 12       | 49.73      | Yes           | 18.55          | -31.18        |
| 6734   | 11/28/2021 | 4          | 1        | 44.98      | Yes           | 18.55          | -26.43        |
| 6735   | 11/28/2021 | 4          | 2        | 44.35      | Yes           | 18.55          | -25.80        |
| 6736   | 11/28/2021 | 4          | 3        | 44.35      | Yes           | 18.55          | -25.80        |
| 6737   | 11/28/2021 | 4          | 4        | 51.14      | Yes           | 18.55          | -32.59        |
| 6738   | 11/28/2021 | 4          | 5        | 51.34      | Yes           | 18.55          | -32.79        |
| 6739   | 11/28/2021 | 4          | 6        | 51.22      | Yes           | 18.55          | -32.67        |
| 6740   | 11/28/2021 | 4          | 7        | 51.18      | Yes           | 18.55          | -32.63        |
| 6741   | 11/28/2021 | 4          | 8        | 50.67      | Yes           | 18.55          | -32.12        |
| 6742   | 11/28/2021 | 4          | 9        | 50.66      | Yes           | 18.55          | -32.11        |
| 6743   | 11/28/2021 | 4          | 10       | 50.64      | Yes           | 18.55          | -32.09        |
| 6744   | 11/28/2021 | 4          | 11       | 50.65      | Yes           | 18.55          | -32.10        |
| 6745   | 11/28/2021 | 4          | 12       | 50.65      | Yes           | 18.55          | -32.10        |
| 6746   | 11/28/2021 | 5          | 1        | 49.55      | Yes           | 18.55          | -31.00        |
| 6747   | 11/28/2021 | 5          | 2        | 49.55      | Yes           | 18.55          | -31.00        |
| 6748   | 11/28/2021 | 5          | 3        | 50.04      | Yes           | 18.55          | -31.49        |
| 6749   | 11/28/2021 | 5          | 4        | 50.05      | Yes           | 18.55          | -31.50        |
| 6750   | 11/28/2021 | 5          | 5        | 50.12      | Yes           | 18.55          | -31.57        |
| 6751   | 11/28/2021 | 5          | 6        | 50.99      | Yes           | 18.55          | -32.44        |
| 6752   | 11/28/2021 | 5          | 7        | 51.14      | Yes           | 18.55          | -32.59        |
| 6753   | 11/28/2021 | 5          | 8        | 51.05      | Yes           | 18.55          | -32.50        |
| 6754   | 11/28/2021 | 5          | 9        | 50.94      | Yes           | 18.55          | -32.39        |
| 6755   | 11/28/2021 | 5          | 10       | 51.08      | Yes           | 18.55          | -32.53        |
| 6756   | 11/28/2021 | 5          | 11       | 50.98      | Yes           | 18.55          | -32.43        |
| 6757   | 11/28/2021 | 5          | 12       | 51.40      | Yes           | 18.55          | -32.85        |
| 6758   | 11/28/2021 | 6          | 1        | 51.72      | Yes           | 18.55          | -33.17        |
| 6759   | 11/28/2021 | 6          | 2        | 52.35      | Yes           | 18.55          | -33.80        |
| 6760   | 11/28/2021 | 6          | 3        | 51.73      | Yes           | 18.55          | -33.18        |

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| 6761   | 11/28/2021 | 6          | 4        | 51.92      | Yes           | 18.55          | -33.37        |
| 6762   | 11/28/2021 | 6          | 5        | 53.35      | Yes           | 18.55          | -34.80        |
| 6763   | 11/28/2021 | 6          | 6        | 53.11      | Yes           | 18.55          | -34.56        |
| 6764   | 11/28/2021 | 6          | 7        | 52.65      | Yes           | 18.55          | -34.10        |
| 6765   | 11/28/2021 | 6          | 8        | 52.91      | Yes           | 18.55          | -34.36        |
| 6766   | 11/28/2021 | 6          | 9        | 53.52      | Yes           | 18.55          | -34.97        |
| 6767   | 11/28/2021 | 6          | 10       | 52.93      | Yes           | 18.55          | -34.38        |
| 6768   | 11/28/2021 | 6          | 11       | 53.70      | Yes           | 18.55          | -35.15        |
| 6769   | 11/28/2021 | 6          | 12       | 52.39      | Yes           | 18.55          | -33.84        |
| 6770   | 11/28/2021 | 7          | 1        | 51.12      | Yes           | 18.55          | -32.57        |
| 6771   | 11/28/2021 | 7          | 2        | 51.25      | Yes           | 18.55          | -32.70        |
| 6772   | 11/28/2021 | 7          | 3        | 51.17      | Yes           | 18.55          | -32.62        |
| 6773   | 11/28/2021 | 7          | 4        | 51.16      | Yes           | 18.55          | -32.61        |
| 6774   | 11/28/2021 | 7          | 5        | 51.25      | Yes           | 18.55          | -32.70        |
| 6775   | 11/28/2021 | 7          | 6        | 51.69      | Yes           | 18.55          | -33.14        |
| 6776   | 11/28/2021 | 7          | 7        | 52.37      | Yes           | 18.55          | -33.82        |
| 6777   | 11/28/2021 | 7          | 8        | 52.85      | Yes           | 18.55          | -34.30        |
| 6778   | 11/28/2021 | 7          | 9        | 52.69      | Yes           | 18.55          | -34.14        |
| 6779   | 11/28/2021 | 7          | 10       | 50.92      | Yes           | 18.55          | -32.37        |
| 6780   | 11/28/2021 | 7          | 11       | 52.16      | Yes           | 18.55          | -33.61        |
| 6781   | 11/28/2021 | 7          | 12       | 52.29      | Yes           | 18.55          | -33.74        |
| 6782   | 11/28/2021 | 8          | 1        | 59.19      | Yes           | 18.55          | -40.64        |
| 6783   | 11/28/2021 | 8          | 2        | 63.67      | Yes           | 18.55          | -45.12        |
| 6784   | 11/28/2021 | 8          | 3        | 63.67      | Yes           | 18.55          | -45.12        |
| 6785   | 11/28/2021 | 8          | 4        | 61.72      | Yes           | 18.55          | -43.17        |
| 6786   | 11/28/2021 | 8          | 5        | 59.02      | Yes           | 18.55          | -40.47        |
| 6787   | 11/28/2021 | 8          | 6        | 52.31      | Yes           | 18.55          | -33.76        |
| 6788   | 11/28/2021 | 8          | 7        | 37.70      | Yes           | 18.55          | -19.15        |
| 6789   | 11/28/2021 | 8          | 8        | 41.41      | Yes           | 18.55          | -22.86        |
| 6790   | 11/28/2021 | 8          | 9        | 25.80      | Yes           | 18.55          | -7.25         |
| 6791   | 11/28/2021 | 8          | 10       | 17.93      | Yes           | 18.55          | 0.62          |
| 6792   | 11/28/2021 | 8          | 11       | 0.01       | Yes           | 18.55          | 18.54         |
| 6793   | 11/28/2021 | 8          | 12       | 20.05      | Yes           | 18.55          | -1.50         |
| 6794   | 11/28/2021 | 9          | 1        | 32.71      | Yes           | 18.55          | -14.16        |
| 6795   | 11/28/2021 | 9          | 2        | 35.32      | Yes           | 18.55          | -16.77        |
| 6796   | 11/28/2021 | 9          | 3        | 35.38      | Yes           | 18.55          | -16.83        |
| 6797   | 11/28/2021 | 9          | 4        | 25.55      | Yes           | 18.55          | -7.00         |
| 6798   | 11/28/2021 | 9          | 5        | 26.76      | Yes           | 18.55          | -8.21         |



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| 6799   | 11/28/2021 | 9          | 6        | 22.40      | Yes           | 18.55          | -3.85         |
| 6800   | 11/28/2021 | 9          | 7        | 17.45      | Yes           | 18.55          | 1.10          |
| 6801   | 11/28/2021 | 9          | 8        | 0.01       | Yes           | 18.55          | 18.54         |
| 6802   | 11/28/2021 | 9          | 9        | -0.01      | Yes           | 18.55          | 18.56         |
| 6803   | 11/28/2021 | 9          | 10       | -0.01      | Yes           | 18.55          | 18.56         |
| 6804   | 11/28/2021 | 9          | 11       | -0.01      | Yes           | 18.55          | 18.56         |
| 6805   | 11/28/2021 | 9          | 12       | -0.01      | Yes           | 18.55          | 18.56         |
| 6806   | 11/28/2021 | 10         | 1        | 25.09      | Yes           | 18.55          | -6.54         |
| 6807   | 11/28/2021 | 10         | 2        | 24.91      | Yes           | 18.55          | -6.36         |
| 6808   | 11/28/2021 | 10         | 3        | 24.91      | Yes           | 18.55          | -6.36         |
| 6809   | 11/28/2021 | 10         | 4        | 17.88      | Yes           | 18.55          | 0.67          |
| 6810   | 11/28/2021 | 10         | 5        | 17.88      | Yes           | 18.55          | 0.67          |
| 6811   | 11/28/2021 | 10         | 6        | 17.88      | Yes           | 18.55          | 0.67          |
| 6812   | 11/28/2021 | 10         | 7        | 24.76      | Yes           | 18.55          | -6.21         |
| 6813   | 11/28/2021 | 10         | 8        | 28.84      | Yes           | 18.55          | -10.29        |
| 6814   | 11/28/2021 | 10         | 9        | 27.23      | Yes           | 18.55          | -8.68         |
| 6815   | 11/28/2021 | 10         | 10       | 25.36      | Yes           | 18.55          | -6.81         |
| 6816   | 11/28/2021 | 10         | 11       | 25.49      | Yes           | 18.55          | -6.94         |
| 6817   | 11/28/2021 | 10         | 12       | 25.54      | Yes           | 18.55          | -6.99         |
| 6818   | 11/28/2021 | 11         | 1        | 27.10      | Yes           | 18.55          | -8.55         |
| 6819   | 11/28/2021 | 11         | 2        | 29.43      | Yes           | 18.55          | -10.88        |
| 6820   | 11/28/2021 | 11         | 3        | 30.86      | Yes           | 18.55          | -12.31        |
| 6821   | 11/28/2021 | 11         | 4        | 0.01       | Yes           | 18.55          | 18.54         |
| 6822   | 11/28/2021 | 11         | 5        | 0.01       | Yes           | 18.55          | 18.54         |
| 6823   | 11/28/2021 | 11         | 6        | 0.08       | Yes           | 18.55          | 18.47         |
| 6824   | 11/28/2021 | 11         | 7        | 0.42       | Yes           | 18.55          | 18.13         |
| 6825   | 11/28/2021 | 11         | 8        | 0.01       | Yes           | 18.55          | 18.54         |
| 6826   | 11/28/2021 | 11         | 9        | 0.01       | Yes           | 18.55          | 18.54         |
| 6827   | 11/28/2021 | 11         | 10       | 7.14       | Yes           | 18.55          | 11.41         |
| 6828   | 11/28/2021 | 11         | 11       | 11.38      | Yes           | 18.55          | 7.17          |
| 6829   | 11/28/2021 | 11         | 12       | 16.60      | Yes           | 18.55          | 1.95          |
| 6830   | 11/28/2021 | 12         | 1        | 25.55      | Yes           | 18.55          | -7.00         |
| 6831   | 11/28/2021 | 12         | 2        | 30.19      | Yes           | 18.55          | -11.64        |
| 6832   | 11/28/2021 | 12         | 3        | 31.08      | Yes           | 18.55          | -12.53        |
| 6833   | 11/28/2021 | 12         | 4        | 31.12      | Yes           | 18.55          | -12.57        |
| 6834   | 11/28/2021 | 12         | 5        | 31.12      | Yes           | 18.55          | -12.57        |
| 6835   | 11/28/2021 | 12         | 6        | 31.12      | Yes           | 18.55          | -12.57        |
| 6836   | 11/28/2021 | 12         | 7        | 27.99      | Yes           | 18.55          | -9.44         |

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| 6837   | 11/28/2021 | 12         | 8        | 30.95      | Yes           | 18.55          | -12.40        |
| 6838   | 11/28/2021 | 12         | 9        | 33.18      | Yes           | 18.55          | -14.63        |
| 6839   | 11/28/2021 | 12         | 10       | 0.01       | Yes           | 18.55          | 18.54         |
| 6840   | 11/28/2021 | 12         | 11       | 1.33       | Yes           | 18.55          | 17.22         |
| 6841   | 11/28/2021 | 12         | 12       | 0.01       | Yes           | 18.55          | 18.54         |
| 6842   | 11/28/2021 | 13         | 1        | 31.97      | Yes           | 18.55          | -13.42        |
| 6843   | 11/28/2021 | 13         | 2        | 31.25      | Yes           | 18.55          | -12.70        |
| 6844   | 11/28/2021 | 13         | 3        | 28.74      | Yes           | 18.55          | -10.19        |
| 6845   | 11/28/2021 | 13         | 4        | 26.81      | Yes           | 18.55          | -8.26         |
| 6846   | 11/28/2021 | 13         | 5        | 28.92      | Yes           | 18.55          | -10.37        |
| 6847   | 11/28/2021 | 13         | 6        | 28.05      | Yes           | 18.55          | -9.50         |
| 6848   | 11/28/2021 | 13         | 7        | 25.08      | Yes           | 18.55          | -6.53         |
| 6849   | 11/28/2021 | 13         | 8        | 21.35      | Yes           | 18.55          | -2.80         |
| 6850   | 11/28/2021 | 13         | 9        | 17.39      | Yes           | 18.55          | 1.16          |
| 6851   | 11/28/2021 | 13         | 10       | 13.53      | Yes           | 18.55          | 5.02          |
| 6852   | 11/28/2021 | 13         | 11       | 13.32      | Yes           | 18.55          | 5.23          |
| 6853   | 11/28/2021 | 13         | 12       | 17.56      | Yes           | 18.55          | 0.99          |
| 6854   | 11/28/2021 | 14         | 1        | 20.83      | Yes           | 18.55          | -2.28         |
| 6855   | 11/28/2021 | 14         | 2        | 17.07      | Yes           | 18.55          | 1.48          |
| 6856   | 11/28/2021 | 14         | 3        | 16.96      | Yes           | 18.55          | 1.59          |
| 6857   | 11/28/2021 | 14         | 4        | 13.29      | Yes           | 18.55          | 5.26          |
| 6858   | 11/28/2021 | 14         | 5        | 13.32      | Yes           | 18.55          | 5.23          |
| 6859   | 11/28/2021 | 14         | 6        | 24.79      | Yes           | 18.55          | -6.24         |
| 6860   | 11/28/2021 | 14         | 7        | 29.32      | Yes           | 18.55          | -10.77        |
| 6861   | 11/28/2021 | 14         | 8        | 32.11      | Yes           | 18.55          | -13.56        |
| 6862   | 11/28/2021 | 14         | 9        | 32.11      | Yes           | 18.55          | -13.56        |
| 6863   | 11/28/2021 | 14         | 10       | 29.36      | Yes           | 18.55          | -10.81        |
| 6864   | 11/28/2021 | 14         | 11       | 30.53      | Yes           | 18.55          | -11.98        |
| 6865   | 11/28/2021 | 14         | 12       | 29.10      | Yes           | 18.55          | -10.55        |
| 6866   | 11/28/2021 | 15         | 1        | 0.04       | Yes           | 18.55          | 18.51         |
| 6867   | 11/28/2021 | 15         | 2        | 0.05       | Yes           | 18.55          | 18.50         |
| 6868   | 11/28/2021 | 15         | 3        | 17.26      | Yes           | 18.55          | 1.29          |
| 6869   | 11/28/2021 | 15         | 4        | 1.04       | Yes           | 18.55          | 17.51         |
| 6870   | 11/28/2021 | 15         | 5        | 25.44      | Yes           | 18.55          | -6.89         |
| 6871   | 11/28/2021 | 15         | 6        | 30.74      | Yes           | 18.55          | -12.19        |
| 6872   | 11/28/2021 | 15         | 7        | 35.68      | Yes           | 18.55          | -17.13        |
| 6873   | 11/28/2021 | 15         | 8        | 34.65      | Yes           | 18.55          | -16.10        |
| 6874   | 11/28/2021 | 15         | 9        | 36.47      | Yes           | 18.55          | -17.92        |

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| 6875   | 11/28/2021 | 15         | 10       | 35.00      | Yes           | 18.55          | -16.45        |
| 6876   | 11/28/2021 | 15         | 11       | 35.39      | Yes           | 18.55          | -16.84        |
| 6877   | 11/28/2021 | 15         | 12       | 38.35      | Yes           | 18.55          | -19.80        |
| 6878   | 11/28/2021 | 16         | 1        | 12.99      | Yes           | 18.55          | 5.56          |
| 6879   | 11/28/2021 | 16         | 2        | 0.00       | Yes           | 18.55          | 18.55         |
| 6880   | 11/28/2021 | 16         | 3        | 0.00       | Yes           | 18.55          | 18.55         |
| 6881   | 11/28/2021 | 16         | 4        | 24.66      | Yes           | 18.55          | -6.11         |
| 6882   | 11/28/2021 | 16         | 5        | 35.11      | Yes           | 18.55          | -16.56        |
| 6883   | 11/28/2021 | 16         | 6        | 38.13      | Yes           | 18.55          | -19.58        |
| 6884   | 11/28/2021 | 16         | 7        | 42.49      | Yes           | 18.55          | -23.94        |
| 6885   | 11/28/2021 | 16         | 8        | 50.80      | Yes           | 18.55          | -32.25        |
| 6886   | 11/28/2021 | 16         | 9        | 63.13      | Yes           | 18.55          | -44.58        |
| 6887   | 11/28/2021 | 16         | 10       | 71.95      | Yes           | 18.55          | -53.40        |
| 6888   | 11/28/2021 | 16         | 11       | 78.26      | Yes           | 18.55          | -59.71        |
| 6889   | 11/28/2021 | 16         | 12       | 80.72      | Yes           | 18.55          | -62.17        |
| 6890   | 11/28/2021 | 17         | 1        | 41.49      | Yes           | 18.55          | -22.94        |
| 6891   | 11/28/2021 | 17         | 2        | 46.15      | Yes           | 18.55          | -27.60        |
| 6892   | 11/28/2021 | 17         | 3        | 48.03      | Yes           | 18.55          | -29.48        |
| 6893   | 11/28/2021 | 17         | 4        | 53.68      | Yes           | 18.55          | -35.13        |
| 6894   | 11/28/2021 | 17         | 5        | 55.68      | Yes           | 18.55          | -37.13        |
| 6895   | 11/28/2021 | 17         | 6        | 57.02      | Yes           | 18.55          | -38.47        |
| 6896   | 11/28/2021 | 17         | 7        | 57.65      | Yes           | 18.55          | -39.10        |
| 6897   | 11/28/2021 | 17         | 8        | 65.08      | Yes           | 18.55          | -46.53        |
| 6898   | 11/28/2021 | 17         | 9        | 67.49      | Yes           | 18.55          | -48.94        |
| 6899   | 11/28/2021 | 17         | 10       | 67.95      | Yes           | 18.55          | -49.40        |
| 6900   | 11/28/2021 | 17         | 11       | 69.58      | Yes           | 18.55          | -51.03        |
| 6901   | 11/28/2021 | 17         | 12       | 64.17      | Yes           | 18.55          | -45.62        |
| 6902   | 11/28/2021 | 18         | 1        | 56.14      | Yes           | 18.55          | -37.59        |
| 6903   | 11/28/2021 | 18         | 2        | 58.51      | Yes           | 18.55          | -39.96        |
| 6904   | 11/28/2021 | 18         | 3        | 60.20      | Yes           | 18.55          | -41.65        |
| 6905   | 11/28/2021 | 18         | 4        | 60.73      | Yes           | 18.55          | -42.18        |
| 6906   | 11/28/2021 | 18         | 5        | 62.16      | Yes           | 18.55          | -43.61        |
| 6907   | 11/28/2021 | 18         | 6        | 62.43      | Yes           | 18.55          | -43.88        |
| 6908   | 11/28/2021 | 18         | 7        | 62.79      | Yes           | 18.55          | -44.24        |
| 6909   | 11/28/2021 | 18         | 8        | 62.79      | Yes           | 18.55          | -44.24        |
| 6910   | 11/28/2021 | 18         | 9        | 62.89      | Yes           | 18.55          | -44.34        |
| 6911   | 11/28/2021 | 18         | 10       | 59.06      | Yes           | 18.55          | -40.51        |
| 6912   | 11/28/2021 | 18         | 11       | 58.82      | Yes           | 18.55          | -40.27        |

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| 6913   | 11/28/2021 | 18         | 12       | 58.72      | Yes           | 18.55          | -40.17        |
| 6914   | 11/28/2021 | 19         | 1        | 55.64      | Yes           | 18.55          | -37.09        |
| 6915   | 11/28/2021 | 19         | 2        | 55.14      | Yes           | 18.55          | -36.59        |
| 6916   | 11/28/2021 | 19         | 3        | 55.14      | Yes           | 18.55          | -36.59        |
| 6917   | 11/28/2021 | 19         | 4        | 55.11      | Yes           | 18.55          | -36.56        |
| 6918   | 11/28/2021 | 19         | 5        | 54.95      | Yes           | 18.55          | -36.40        |
| 6919   | 11/28/2021 | 19         | 6        | 54.74      | Yes           | 18.55          | -36.19        |
| 6920   | 11/28/2021 | 19         | 7        | 54.45      | Yes           | 18.55          | -35.90        |
| 6921   | 11/28/2021 | 19         | 8        | 54.17      | Yes           | 18.55          | -35.62        |
| 6922   | 11/28/2021 | 19         | 9        | 53.88      | Yes           | 18.55          | -35.33        |
| 6923   | 11/28/2021 | 19         | 10       | 53.70      | Yes           | 18.55          | -35.15        |
| 6924   | 11/28/2021 | 19         | 11       | 53.46      | Yes           | 18.55          | -34.91        |
| 6925   | 11/28/2021 | 19         | 12       | 53.67      | Yes           | 18.55          | -35.12        |
| 6926   | 11/28/2021 | 20         | 1        | 57.06      | Yes           | 18.55          | -38.51        |
| 6927   | 11/28/2021 | 20         | 2        | 56.60      | Yes           | 18.55          | -38.05        |
| 6928   | 11/28/2021 | 20         | 3        | 56.76      | Yes           | 18.55          | -38.21        |
| 6929   | 11/28/2021 | 20         | 4        | 56.51      | Yes           | 18.55          | -37.96        |
| 6930   | 11/28/2021 | 20         | 5        | 56.37      | Yes           | 18.55          | -37.82        |
| 6931   | 11/28/2021 | 20         | 6        | 55.30      | Yes           | 18.55          | -36.75        |
| 6932   | 11/28/2021 | 20         | 7        | 54.53      | Yes           | 18.55          | -35.98        |
| 6933   | 11/28/2021 | 20         | 8        | 55.25      | Yes           | 18.55          | -36.70        |
| 6934   | 11/28/2021 | 20         | 9        | 55.00      | Yes           | 18.55          | -36.45        |
| 6935   | 11/28/2021 | 20         | 10       | 54.48      | Yes           | 18.55          | -35.93        |
| 6936   | 11/28/2021 | 20         | 11       | 55.14      | Yes           | 18.55          | -36.59        |
| 6937   | 11/28/2021 | 20         | 12       | 54.73      | Yes           | 18.55          | -36.18        |
| 6938   | 11/28/2021 | 21         | 1        | 57.77      | Yes           | 18.55          | -39.22        |
| 6939   | 11/28/2021 | 21         | 2        | 58.05      | Yes           | 18.55          | -39.50        |
| 6940   | 11/28/2021 | 21         | 3        | 57.10      | Yes           | 18.55          | -38.55        |
| 6941   | 11/28/2021 | 21         | 4        | 56.38      | Yes           | 18.55          | -37.83        |
| 6942   | 11/28/2021 | 21         | 5        | 57.59      | Yes           | 18.55          | -39.04        |
| 6943   | 11/28/2021 | 21         | 6        | 56.48      | Yes           | 18.55          | -37.93        |
| 6944   | 11/28/2021 | 21         | 7        | 55.39      | Yes           | 18.55          | -36.84        |
| 6945   | 11/28/2021 | 21         | 8        | 55.36      | Yes           | 18.55          | -36.81        |
| 6946   | 11/28/2021 | 21         | 9        | 55.36      | Yes           | 18.55          | -36.81        |
| 6947   | 11/28/2021 | 21         | 10       | 55.19      | Yes           | 18.55          | -36.64        |
| 6948   | 11/28/2021 | 21         | 11       | 54.73      | Yes           | 18.55          | -36.18        |
| 6949   | 11/28/2021 | 21         | 12       | 54.01      | Yes           | 18.55          | -35.46        |
| 6950   | 11/28/2021 | 22         | 1        | 55.59      | Yes           | 18.55          | -37.04        |

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| 6951   | 11/28/2021 | 22         | 2        | 56.40      | Yes           | 18.55          | -37.85        |
| 6952   | 11/28/2021 | 22         | 3        | 55.40      | Yes           | 18.55          | -36.85        |
| 6953   | 11/28/2021 | 22         | 4        | 54.26      | Yes           | 18.55          | -35.71        |
| 6954   | 11/28/2021 | 22         | 5        | 54.61      | Yes           | 18.55          | -36.06        |
| 6955   | 11/28/2021 | 22         | 6        | 53.97      | Yes           | 18.55          | -35.42        |
| 6956   | 11/28/2021 | 22         | 7        | 53.44      | Yes           | 18.55          | -34.89        |
| 6957   | 11/28/2021 | 22         | 8        | 53.26      | Yes           | 18.55          | -34.71        |
| 6958   | 11/28/2021 | 22         | 9        | 53.22      | Yes           | 18.55          | -34.67        |
| 6959   | 11/28/2021 | 22         | 10       | 52.07      | Yes           | 18.55          | -33.52        |
| 6960   | 11/28/2021 | 22         | 11       | 52.04      | Yes           | 18.55          | -33.49        |
| 6961   | 11/28/2021 | 22         | 12       | 52.75      | Yes           | 18.55          | -34.20        |
| 6962   | 11/28/2021 | 23         | 4        | 56.43      | Yes           | 18.55          | -37.88        |
| 6963   | 11/28/2021 | 23         | 5        | 55.35      | Yes           | 18.55          | -36.80        |
| 6964   | 11/28/2021 | 23         | 6        | 54.93      | Yes           | 18.55          | -36.38        |
| 6965   | 11/28/2021 | 23         | 7        | 52.97      | Yes           | 18.55          | -34.42        |
| 6966   | 11/28/2021 | 23         | 8        | 52.94      | Yes           | 18.55          | -34.39        |
| 6967   | 11/28/2021 | 23         | 9        | 52.00      | Yes           | 18.55          | -33.45        |
| 6968   | 11/28/2021 | 23         | 10       | 50.24      | Yes           | 18.55          | -31.69        |
| 6969   | 11/28/2021 | 23         | 11       | 50.06      | Yes           | 18.55          | -31.51        |
| 6970   | 11/28/2021 | 23         | 12       | 49.28      | Yes           | 18.55          | -30.73        |
| 6971   | 11/28/2021 | 24         | 1        | 50.82      | Yes           | 18.55          | -32.27        |
| 6972   | 11/28/2021 | 24         | 2        | 50.82      | Yes           | 18.55          | -32.27        |
| 6973   | 11/28/2021 | 24         | 3        | 50.50      | Yes           | 18.55          | -31.95        |
| 6974   | 11/28/2021 | 24         | 4        | 48.87      | Yes           | 18.55          | -30.32        |
| 6975   | 11/28/2021 | 24         | 5        | 48.73      | Yes           | 18.55          | -30.18        |
| 6976   | 11/28/2021 | 24         | 6        | 48.54      | Yes           | 18.55          | -29.99        |
| 6977   | 11/28/2021 | 24         | 7        | 47.36      | Yes           | 18.55          | -28.81        |
| 6978   | 11/28/2021 | 24         | 8        | 47.52      | Yes           | 18.55          | -28.97        |
| 6979   | 11/28/2021 | 24         | 9        | 46.70      | Yes           | 18.55          | -28.15        |
| 6980   | 11/28/2021 | 24         | 10       | 45.76      | Yes           | 18.55          | -27.21        |
| 6981   | 11/28/2021 | 24         | 11       | 45.16      | Yes           | 18.55          | -26.61        |
| 6982   | 11/28/2021 | 24         | 12       | 43.82      | Yes           | 18.55          | -25.27        |
| 6983   | 11/29/2021 | 1          | 1        | 48.52      | Yes           | 18.55          | -29.97        |
| 6984   | 11/29/2021 | 1          | 2        | 48.67      | Yes           | 18.55          | -30.12        |
| 6985   | 11/29/2021 | 1          | 3        | 48.61      | Yes           | 18.55          | -30.06        |
| 6986   | 11/29/2021 | 1          | 4        | 48.64      | Yes           | 18.55          | -30.09        |
| 6987   | 11/29/2021 | 1          | 5        | 48.64      | Yes           | 18.55          | -30.09        |
| 6988   | 11/29/2021 | 1          | 6        | 48.64      | Yes           | 18.55          | -30.09        |

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| 6989   | 11/29/2021 | 1          | 7        | 48.43      | Yes           | 18.55          | -29.88        |
| 6990   | 11/29/2021 | 1          | 8        | 48.52      | Yes           | 18.55          | -29.97        |
| 6991   | 11/29/2021 | 1          | 9        | 48.43      | Yes           | 18.55          | -29.88        |
| 6992   | 11/29/2021 | 1          | 10       | 47.75      | Yes           | 18.55          | -29.20        |
| 6993   | 11/29/2021 | 1          | 11       | 47.83      | Yes           | 18.55          | -29.28        |
| 6994   | 11/29/2021 | 1          | 12       | 47.97      | Yes           | 18.55          | -29.42        |
| 6995   | 11/29/2021 | 2          | 1        | 50.70      | Yes           | 18.55          | -32.15        |
| 6996   | 11/29/2021 | 2          | 2        | 49.93      | Yes           | 18.55          | -31.38        |
| 6997   | 11/29/2021 | 2          | 3        | 50.55      | Yes           | 18.55          | -32.00        |
| 6998   | 11/29/2021 | 2          | 4        | 50.16      | Yes           | 18.55          | -31.61        |
| 6999   | 11/29/2021 | 2          | 5        | 50.16      | Yes           | 18.55          | -31.61        |
| 7000   | 11/29/2021 | 2          | 6        | 50.40      | Yes           | 18.55          | -31.85        |
| 7001   | 11/29/2021 | 2          | 7        | 49.90      | Yes           | 18.55          | -31.35        |
| 7002   | 11/29/2021 | 2          | 8        | 49.35      | Yes           | 18.55          | -30.80        |
| 7003   | 11/29/2021 | 2          | 9        | 49.35      | Yes           | 18.55          | -30.80        |
| 7004   | 11/29/2021 | 2          | 10       | 49.20      | Yes           | 18.55          | -30.65        |
| 7005   | 11/29/2021 | 2          | 11       | 49.20      | Yes           | 18.55          | -30.65        |
| 7006   | 11/29/2021 | 2          | 12       | 49.20      | Yes           | 18.55          | -30.65        |
| 7007   | 11/29/2021 | 3          | 1        | 50.07      | Yes           | 18.55          | -31.52        |
| 7008   | 11/29/2021 | 3          | 2        | 49.81      | Yes           | 18.55          | -31.26        |
| 7009   | 11/29/2021 | 3          | 3        | 50.07      | Yes           | 18.55          | -31.52        |
| 7010   | 11/29/2021 | 3          | 4        | 49.87      | Yes           | 18.55          | -31.32        |
| 7011   | 11/29/2021 | 3          | 5        | 49.87      | Yes           | 18.55          | -31.32        |
| 7012   | 11/29/2021 | 3          | 6        | 49.81      | Yes           | 18.55          | -31.26        |
| 7013   | 11/29/2021 | 3          | 7        | 49.16      | Yes           | 18.55          | -30.61        |
| 7014   | 11/29/2021 | 3          | 8        | 49.30      | Yes           | 18.55          | -30.75        |
| 7015   | 11/29/2021 | 3          | 9        | 49.16      | Yes           | 18.55          | -30.61        |
| 7016   | 11/29/2021 | 3          | 10       | 48.97      | Yes           | 18.55          | -30.42        |
| 7017   | 11/29/2021 | 3          | 11       | 48.97      | Yes           | 18.55          | -30.42        |
| 7018   | 11/29/2021 | 3          | 12       | 48.78      | Yes           | 18.55          | -30.23        |
| 7019   | 11/29/2021 | 4          | 1        | 48.32      | Yes           | 18.55          | -29.77        |
| 7020   | 11/29/2021 | 4          | 2        | 48.48      | Yes           | 18.55          | -29.93        |
| 7021   | 11/29/2021 | 4          | 3        | 48.50      | Yes           | 18.55          | -29.95        |
| 7022   | 11/29/2021 | 4          | 4        | 48.52      | Yes           | 18.55          | -29.97        |
| 7023   | 11/29/2021 | 4          | 5        | 48.65      | Yes           | 18.55          | -30.10        |
| 7024   | 11/29/2021 | 4          | 6        | 48.55      | Yes           | 18.55          | -30.00        |
| 7025   | 11/29/2021 | 4          | 7        | 47.62      | Yes           | 18.55          | -29.07        |
| 7026   | 11/29/2021 | 4          | 8        | 47.62      | Yes           | 18.55          | -29.07        |

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| 7027   | 11/29/2021 | 4          | 9        | 47.62      | Yes           | 18.55          | -29.07        |
| 7028   | 11/29/2021 | 4          | 10       | 48.56      | Yes           | 18.55          | -30.01        |
| 7029   | 11/29/2021 | 4          | 11       | 48.56      | Yes           | 18.55          | -30.01        |
| 7030   | 11/29/2021 | 4          | 12       | 48.50      | Yes           | 18.55          | -29.95        |
| 7031   | 11/29/2021 | 5          | 1        | 50.42      | Yes           | 18.55          | -31.87        |
| 7032   | 11/29/2021 | 5          | 2        | 49.93      | Yes           | 18.55          | -31.38        |
| 7033   | 11/29/2021 | 5          | 3        | 50.55      | Yes           | 18.55          | -32.00        |
| 7034   | 11/29/2021 | 5          | 4        | 50.93      | Yes           | 18.55          | -32.38        |
| 7035   | 11/29/2021 | 5          | 5        | 51.69      | Yes           | 18.55          | -33.14        |
| 7036   | 11/29/2021 | 5          | 6        | 52.19      | Yes           | 18.55          | -33.64        |
| 7037   | 11/29/2021 | 5          | 7        | 52.67      | Yes           | 18.55          | -34.12        |
| 7038   | 11/29/2021 | 5          | 8        | 54.11      | Yes           | 18.55          | -35.56        |
| 7039   | 11/29/2021 | 5          | 9        | 53.21      | Yes           | 18.55          | -34.66        |
| 7040   | 11/29/2021 | 5          | 10       | 54.97      | Yes           | 18.55          | -36.42        |
| 7041   | 11/29/2021 | 5          | 11       | 53.30      | Yes           | 18.55          | -34.75        |
| 7042   | 11/29/2021 | 5          | 12       | 54.97      | Yes           | 18.55          | -36.42        |
| 7043   | 11/29/2021 | 6          | 1        | 52.85      | Yes           | 18.55          | -34.30        |
| 7044   | 11/29/2021 | 6          | 2        | 52.82      | Yes           | 18.55          | -34.27        |
| 7045   | 11/29/2021 | 6          | 3        | 52.90      | Yes           | 18.55          | -34.35        |
| 7046   | 11/29/2021 | 6          | 4        | 55.13      | Yes           | 18.55          | -36.58        |
| 7047   | 11/29/2021 | 6          | 5        | 55.84      | Yes           | 18.55          | -37.29        |
| 7048   | 11/29/2021 | 6          | 6        | 55.96      | Yes           | 18.55          | -37.41        |
| 7049   | 11/29/2021 | 6          | 7        | 48.12      | Yes           | 18.55          | -29.57        |
| 7050   | 11/29/2021 | 6          | 8        | 51.00      | Yes           | 18.55          | -32.45        |
| 7051   | 11/29/2021 | 6          | 9        | 51.66      | Yes           | 18.55          | -33.11        |
| 7052   | 11/29/2021 | 6          | 10       | 51.00      | Yes           | 18.55          | -32.45        |
| 7053   | 11/29/2021 | 6          | 11       | 54.44      | Yes           | 18.55          | -35.89        |
| 7054   | 11/29/2021 | 6          | 12       | 56.00      | Yes           | 18.55          | -37.45        |
| 7055   | 11/29/2021 | 7          | 1        | 62.21      | Yes           | 18.55          | -43.66        |
| 7056   | 11/29/2021 | 7          | 2        | 63.95      | Yes           | 18.55          | -45.40        |
| 7057   | 11/29/2021 | 7          | 3        | 64.51      | Yes           | 18.55          | -45.96        |
| 7058   | 11/29/2021 | 7          | 4        | 69.40      | Yes           | 18.55          | -50.85        |
| 7059   | 11/29/2021 | 7          | 5        | 70.78      | Yes           | 18.55          | -52.23        |
| 7060   | 11/29/2021 | 7          | 6        | 70.78      | Yes           | 18.55          | -52.23        |
| 7061   | 11/29/2021 | 7          | 7        | 70.86      | Yes           | 18.55          | -52.31        |
| 7062   | 11/29/2021 | 7          | 8        | 71.01      | Yes           | 18.55          | -52.46        |
| 7063   | 11/29/2021 | 8          | 1        | 104.16     | Yes           | 18.55          | -85.61        |
| 7064   | 11/29/2021 | 8          | 2        | 102.75     | Yes           | 18.55          | -84.20        |

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| 7065   | 11/29/2021 | 8          | 3        | 102.75     | Yes           | 18.55          | -84.20        |
| 7066   | 11/29/2021 | 8          | 4        | 101.24     | Yes           | 18.55          | -82.69        |
| 7067   | 11/29/2021 | 8          | 5        | 85.31      | Yes           | 18.55          | -66.76        |
| 7068   | 11/29/2021 | 8          | 6        | 80.26      | Yes           | 18.55          | -61.71        |
| 7069   | 11/29/2021 | 8          | 7        | 69.80      | Yes           | 18.55          | -51.25        |
| 7070   | 11/29/2021 | 8          | 11       | 53.80      | Yes           | 18.55          | -35.25        |
| 7071   | 11/29/2021 | 8          | 12       | 51.62      | Yes           | 18.55          | -33.07        |
| 7072   | 11/29/2021 | 9          | 1        | 55.99      | Yes           | 18.55          | -37.44        |
| 7073   | 11/29/2021 | 9          | 2        | 56.66      | Yes           | 18.55          | -38.11        |
| 7074   | 11/29/2021 | 9          | 3        | 56.66      | Yes           | 18.55          | -38.11        |
| 7075   | 11/29/2021 | 9          | 4        | 53.72      | Yes           | 18.55          | -35.17        |
| 7076   | 11/29/2021 | 9          | 5        | 53.72      | Yes           | 18.55          | -35.17        |
| 7077   | 11/29/2021 | 9          | 6        | 51.23      | Yes           | 18.55          | -32.68        |
| 7078   | 11/29/2021 | 9          | 7        | 43.17      | Yes           | 18.55          | -24.62        |
| 7079   | 11/29/2021 | 9          | 8        | 30.80      | Yes           | 18.55          | -12.25        |
| 7080   | 11/29/2021 | 9          | 9        | 24.94      | Yes           | 18.55          | -6.39         |
| 7081   | 11/29/2021 | 9          | 10       | 27.58      | Yes           | 18.55          | -9.03         |
| 7082   | 11/29/2021 | 9          | 11       | 23.31      | Yes           | 18.55          | -4.76         |
| 7083   | 11/29/2021 | 9          | 12       | 24.47      | Yes           | 18.55          | -5.92         |
| 7084   | 11/29/2021 | 10         | 1        | 35.46      | Yes           | 18.55          | -16.91        |
| 7085   | 11/29/2021 | 10         | 2        | 43.77      | Yes           | 18.55          | -25.22        |
| 7086   | 11/29/2021 | 10         | 3        | 45.82      | Yes           | 18.55          | -27.27        |
| 7087   | 11/29/2021 | 10         | 4        | 33.05      | Yes           | 18.55          | -14.50        |
| 7088   | 11/29/2021 | 10         | 5        | 30.49      | Yes           | 18.55          | -11.94        |
| 7089   | 11/29/2021 | 10         | 6        | 29.70      | Yes           | 18.55          | -11.15        |
| 7090   | 11/29/2021 | 10         | 7        | 33.70      | Yes           | 18.55          | -15.15        |
| 7091   | 11/29/2021 | 10         | 8        | 33.70      | Yes           | 18.55          | -15.15        |
| 7092   | 11/29/2021 | 10         | 9        | 32.28      | Yes           | 18.55          | -13.73        |
| 7093   | 11/29/2021 | 10         | 10       | 26.28      | Yes           | 18.55          | -7.73         |
| 7094   | 11/29/2021 | 10         | 11       | 26.28      | Yes           | 18.55          | -7.73         |
| 7095   | 11/29/2021 | 10         | 12       | 24.69      | Yes           | 18.55          | -6.14         |
| 7096   | 11/29/2021 | 11         | 1        | 41.76      | Yes           | 18.55          | -23.21        |
| 7097   | 11/29/2021 | 11         | 2        | 41.00      | Yes           | 18.55          | -22.45        |
| 7098   | 11/29/2021 | 11         | 3        | 39.66      | Yes           | 18.55          | -21.11        |
| 7099   | 11/29/2021 | 11         | 4        | 35.99      | Yes           | 18.55          | -17.44        |
| 7100   | 11/29/2021 | 11         | 5        | 38.25      | Yes           | 18.55          | -19.70        |
| 7101   | 11/29/2021 | 11         | 6        | 36.52      | Yes           | 18.55          | -17.97        |
| 7102   | 11/29/2021 | 11         | 7        | 33.39      | Yes           | 18.55          | -14.84        |



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| 7103   | 11/29/2021 | 11         | 8        | 31.84      | Yes           | 18.55          | -13.29        |
| 7104   | 11/29/2021 | 11         | 9        | 30.51      | Yes           | 18.55          | -11.96        |
| 7105   | 11/29/2021 | 11         | 10       | 30.85      | Yes           | 18.55          | -12.30        |
| 7106   | 11/29/2021 | 11         | 11       | 35.07      | Yes           | 18.55          | -16.52        |
| 7107   | 11/29/2021 | 11         | 12       | 33.27      | Yes           | 18.55          | -14.72        |
| 7108   | 11/29/2021 | 12         | 1        | 32.39      | Yes           | 18.55          | -13.84        |
| 7109   | 11/29/2021 | 12         | 2        | 33.96      | Yes           | 18.55          | -15.41        |
| 7110   | 11/29/2021 | 12         | 3        | 33.47      | Yes           | 18.55          | -14.92        |
| 7111   | 11/29/2021 | 12         | 4        | 32.15      | Yes           | 18.55          | -13.60        |
| 7112   | 11/29/2021 | 12         | 5        | 29.52      | Yes           | 18.55          | -10.97        |
| 7113   | 11/29/2021 | 12         | 6        | 29.55      | Yes           | 18.55          | -11.00        |
| 7114   | 11/29/2021 | 12         | 7        | 30.81      | Yes           | 18.55          | -12.26        |
| 7115   | 11/29/2021 | 12         | 8        | 34.15      | Yes           | 18.55          | -15.60        |
| 7116   | 11/29/2021 | 12         | 9        | 34.20      | Yes           | 18.55          | -15.65        |
| 7117   | 11/29/2021 | 12         | 10       | 33.61      | Yes           | 18.55          | -15.06        |
| 7118   | 11/29/2021 | 12         | 11       | 31.84      | Yes           | 18.55          | -13.29        |
| 7119   | 11/29/2021 | 12         | 12       | 31.07      | Yes           | 18.55          | -12.52        |
| 7120   | 11/29/2021 | 13         | 1        | 31.11      | Yes           | 18.55          | -12.56        |
| 7121   | 11/29/2021 | 13         | 2        | 33.17      | Yes           | 18.55          | -14.62        |
| 7122   | 11/29/2021 | 13         | 3        | 33.23      | Yes           | 18.55          | -14.68        |
| 7123   | 11/29/2021 | 13         | 4        | 34.06      | Yes           | 18.55          | -15.51        |
| 7124   | 11/29/2021 | 13         | 5        | 31.06      | Yes           | 18.55          | -12.51        |
| 7125   | 11/29/2021 | 13         | 6        | 31.21      | Yes           | 18.55          | -12.66        |
| 7126   | 11/29/2021 | 13         | 7        | 30.94      | Yes           | 18.55          | -12.39        |
| 7127   | 11/29/2021 | 13         | 8        | 31.94      | Yes           | 18.55          | -13.39        |
| 7128   | 11/29/2021 | 13         | 9        | 31.94      | Yes           | 18.55          | -13.39        |
| 7129   | 11/29/2021 | 13         | 10       | 32.86      | Yes           | 18.55          | -14.31        |
| 7130   | 11/29/2021 | 13         | 11       | 34.56      | Yes           | 18.55          | -16.01        |
| 7131   | 11/29/2021 | 13         | 12       | 35.13      | Yes           | 18.55          | -16.58        |
| 7132   | 11/29/2021 | 14         | 1        | 35.23      | Yes           | 18.55          | -16.68        |
| 7133   | 11/29/2021 | 14         | 2        | 34.04      | Yes           | 18.55          | -15.49        |
| 7134   | 11/29/2021 | 14         | 3        | 34.79      | Yes           | 18.55          | -16.24        |
| 7135   | 11/29/2021 | 14         | 4        | 33.16      | Yes           | 18.55          | -14.61        |
| 7136   | 11/29/2021 | 14         | 5        | 34.05      | Yes           | 18.55          | -15.50        |
| 7137   | 11/29/2021 | 14         | 6        | 35.30      | Yes           | 18.55          | -16.75        |
| 7138   | 11/29/2021 | 14         | 7        | 33.69      | Yes           | 18.55          | -15.14        |
| 7139   | 11/29/2021 | 14         | 8        | 32.48      | Yes           | 18.55          | -13.93        |
| 7140   | 11/29/2021 | 14         | 9        | 34.05      | Yes           | 18.55          | -15.50        |

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| 7141   | 11/29/2021 | 14         | 10       | 34.58      | Yes           | 18.55          | -16.03        |
| 7142   | 11/29/2021 | 14         | 11       | 34.34      | Yes           | 18.55          | -15.79        |
| 7143   | 11/29/2021 | 14         | 12       | 34.31      | Yes           | 18.55          | -15.76        |
| 7144   | 11/29/2021 | 15         | 1        | 36.02      | Yes           | 18.55          | -17.47        |
| 7145   | 11/29/2021 | 15         | 2        | 36.61      | Yes           | 18.55          | -18.06        |
| 7146   | 11/29/2021 | 15         | 3        | 36.77      | Yes           | 18.55          | -18.22        |
| 7147   | 11/29/2021 | 15         | 4        | 35.15      | Yes           | 18.55          | -16.60        |
| 7148   | 11/29/2021 | 15         | 5        | 36.21      | Yes           | 18.55          | -17.66        |
| 7149   | 11/29/2021 | 15         | 6        | 36.85      | Yes           | 18.55          | -18.30        |
| 7150   | 11/29/2021 | 15         | 7        | 37.28      | Yes           | 18.55          | -18.73        |
| 7151   | 11/29/2021 | 15         | 8        | 38.11      | Yes           | 18.55          | -19.56        |
| 7152   | 11/29/2021 | 15         | 9        | 39.23      | Yes           | 18.55          | -20.68        |
| 7153   | 11/29/2021 | 15         | 10       | 40.61      | Yes           | 18.55          | -22.06        |
| 7154   | 11/29/2021 | 15         | 11       | 40.00      | Yes           | 18.55          | -21.45        |
| 7155   | 11/29/2021 | 15         | 12       | 39.98      | Yes           | 18.55          | -21.43        |
| 7156   | 11/29/2021 | 16         | 1        | 26.20      | Yes           | 18.55          | -7.65         |
| 7157   | 11/29/2021 | 16         | 2        | 27.27      | Yes           | 18.55          | -8.72         |
| 7158   | 11/29/2021 | 16         | 3        | 27.88      | Yes           | 18.55          | -9.33         |
| 7159   | 11/29/2021 | 16         | 4        | 27.98      | Yes           | 18.55          | -9.43         |
| 7160   | 11/29/2021 | 16         | 5        | 31.19      | Yes           | 18.55          | -12.64        |
| 7161   | 11/29/2021 | 16         | 6        | 34.45      | Yes           | 18.55          | -15.90        |
| 7162   | 11/29/2021 | 16         | 7        | 35.05      | Yes           | 18.55          | -16.50        |
| 7163   | 11/29/2021 | 16         | 8        | 43.22      | Yes           | 18.55          | -24.67        |
| 7164   | 11/29/2021 | 16         | 9        | 48.22      | Yes           | 18.55          | -29.67        |
| 7165   | 11/29/2021 | 16         | 10       | 53.43      | Yes           | 18.55          | -34.88        |
| 7166   | 11/29/2021 | 16         | 11       | 57.75      | Yes           | 18.55          | -39.20        |
| 7167   | 11/29/2021 | 16         | 12       | 56.70      | Yes           | 18.55          | -38.15        |
| 7168   | 11/29/2021 | 17         | 1        | 40.02      | Yes           | 18.55          | -21.47        |
| 7169   | 11/29/2021 | 17         | 2        | 40.02      | Yes           | 18.55          | -21.47        |
| 7170   | 11/29/2021 | 17         | 3        | 41.11      | Yes           | 18.55          | -22.56        |
| 7171   | 11/29/2021 | 17         | 4        | 53.73      | Yes           | 18.55          | -35.18        |
| 7172   | 11/29/2021 | 17         | 5        | 54.27      | Yes           | 18.55          | -35.72        |
| 7173   | 11/29/2021 | 17         | 6        | 55.87      | Yes           | 18.55          | -37.32        |
| 7174   | 11/29/2021 | 17         | 7        | 56.30      | Yes           | 18.55          | -37.75        |
| 7175   | 11/29/2021 | 17         | 8        | 59.68      | Yes           | 18.55          | -41.13        |
| 7176   | 11/29/2021 | 17         | 9        | 61.52      | Yes           | 18.55          | -42.97        |
| 7177   | 11/29/2021 | 17         | 10       | 61.52      | Yes           | 18.55          | -42.97        |
| 7178   | 11/29/2021 | 17         | 11       | 61.52      | Yes           | 18.55          | -42.97        |

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| 7179   | 11/29/2021 | 17         | 12       | 61.52      | Yes           | 18.55          | -42.97        |
| 7180   | 11/29/2021 | 18         | 1        | 52.74      | Yes           | 18.55          | -34.19        |
| 7181   | 11/29/2021 | 18         | 2        | 51.92      | Yes           | 18.55          | -33.37        |
| 7182   | 11/29/2021 | 18         | 3        | 50.99      | Yes           | 18.55          | -32.44        |
| 7183   | 11/29/2021 | 18         | 4        | 52.93      | Yes           | 18.55          | -34.38        |
| 7184   | 11/29/2021 | 18         | 5        | 52.83      | Yes           | 18.55          | -34.28        |
| 7185   | 11/29/2021 | 18         | 6        | 50.70      | Yes           | 18.55          | -32.15        |
| 7186   | 11/29/2021 | 18         | 7        | 50.02      | Yes           | 18.55          | -31.47        |
| 7187   | 11/29/2021 | 18         | 8        | 50.02      | Yes           | 18.55          | -31.47        |
| 7188   | 11/29/2021 | 18         | 9        | 50.02      | Yes           | 18.55          | -31.47        |
| 7189   | 11/29/2021 | 18         | 10       | 50.96      | Yes           | 18.55          | -32.41        |
| 7190   | 11/29/2021 | 18         | 11       | 49.60      | Yes           | 18.55          | -31.05        |
| 7191   | 11/29/2021 | 18         | 12       | 49.60      | Yes           | 18.55          | -31.05        |
| 7192   | 11/29/2021 | 19         | 1        | 47.55      | Yes           | 18.55          | -29.00        |
| 7193   | 11/29/2021 | 19         | 2        | 46.79      | Yes           | 18.55          | -28.24        |
| 7194   | 11/29/2021 | 19         | 3        | 46.30      | Yes           | 18.55          | -27.75        |
| 7195   | 11/29/2021 | 19         | 4        | 46.95      | Yes           | 18.55          | -28.40        |
| 7196   | 11/29/2021 | 19         | 5        | 48.15      | Yes           | 18.55          | -29.60        |
| 7197   | 11/29/2021 | 19         | 6        | 46.95      | Yes           | 18.55          | -28.40        |
| 7198   | 11/29/2021 | 19         | 7        | 55.80      | Yes           | 18.55          | -37.25        |
| 7199   | 11/29/2021 | 19         | 8        | 56.30      | Yes           | 18.55          | -37.75        |
| 7200   | 11/29/2021 | 19         | 9        | 55.80      | Yes           | 18.55          | -37.25        |
| 7201   | 11/29/2021 | 19         | 10       | 55.80      | Yes           | 18.55          | -37.25        |
| 7202   | 11/29/2021 | 19         | 11       | 55.80      | Yes           | 18.55          | -37.25        |
| 7203   | 11/29/2021 | 19         | 12       | 55.71      | Yes           | 18.55          | -37.16        |
| 7204   | 11/29/2021 | 20         | 1        | 51.04      | Yes           | 18.55          | -32.49        |
| 7205   | 11/29/2021 | 20         | 2        | 51.47      | Yes           | 18.55          | -32.92        |
| 7206   | 11/29/2021 | 20         | 3        | 50.46      | Yes           | 18.55          | -31.91        |
| 7207   | 11/29/2021 | 20         | 4        | 52.68      | Yes           | 18.55          | -34.13        |
| 7208   | 11/29/2021 | 20         | 5        | 50.93      | Yes           | 18.55          | -32.38        |
| 7209   | 11/29/2021 | 20         | 6        | 53.46      | Yes           | 18.55          | -34.91        |
| 7210   | 11/29/2021 | 20         | 7        | 79.45      | Yes           | 18.55          | -60.90        |
| 7211   | 11/29/2021 | 20         | 8        | 91.73      | Yes           | 18.55          | -73.18        |
| 7212   | 11/29/2021 | 20         | 9        | 72.49      | Yes           | 18.55          | -53.94        |
| 7213   | 11/29/2021 | 20         | 10       | 51.15      | Yes           | 18.55          | -32.60        |
| 7214   | 11/29/2021 | 20         | 11       | 50.96      | Yes           | 18.55          | -32.41        |
| 7215   | 11/29/2021 | 20         | 12       | 50.28      | Yes           | 18.55          | -31.73        |
| 7216   | 11/29/2021 | 21         | 1        | 86.68      | Yes           | 18.55          | -68.13        |

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| 7217   | 11/29/2021 | 21         | 2        | 75.88      | Yes           | 18.55          | -57.33        |
| 7218   | 11/29/2021 | 21         | 3        | 86.53      | Yes           | 18.55          | -67.98        |
| 7219   | 11/29/2021 | 21         | 4        | 85.44      | Yes           | 18.55          | -66.89        |
| 7220   | 11/29/2021 | 21         | 5        | 86.43      | Yes           | 18.55          | -67.88        |
| 7221   | 11/29/2021 | 21         | 6        | 82.19      | Yes           | 18.55          | -63.64        |
| 7222   | 11/29/2021 | 21         | 7        | 77.12      | Yes           | 18.55          | -58.57        |
| 7223   | 11/29/2021 | 21         | 8        | 75.24      | Yes           | 18.55          | -56.69        |
| 7224   | 11/29/2021 | 21         | 9        | 71.45      | Yes           | 18.55          | -52.90        |
| 7225   | 11/29/2021 | 21         | 10       | 64.16      | Yes           | 18.55          | -45.61        |
| 7226   | 11/29/2021 | 21         | 11       | 61.72      | Yes           | 18.55          | -43.17        |
| 7227   | 11/29/2021 | 21         | 12       | 50.99      | Yes           | 18.55          | -32.44        |
| 7228   | 11/29/2021 | 22         | 1        | 78.36      | Yes           | 18.55          | -59.81        |
| 7229   | 11/29/2021 | 22         | 2        | 71.72      | Yes           | 18.55          | -53.17        |
| 7230   | 11/29/2021 | 22         | 3        | 50.79      | Yes           | 18.55          | -32.24        |
| 7231   | 11/29/2021 | 22         | 4        | 58.79      | Yes           | 18.55          | -40.24        |
| 7232   | 11/29/2021 | 22         | 5        | 50.50      | Yes           | 18.55          | -31.95        |
| 7233   | 11/29/2021 | 22         | 6        | 47.93      | Yes           | 18.55          | -29.38        |
| 7234   | 11/29/2021 | 22         | 7        | 52.09      | Yes           | 18.55          | -33.54        |
| 7235   | 11/29/2021 | 22         | 8        | 50.51      | Yes           | 18.55          | -31.96        |
| 7236   | 11/29/2021 | 22         | 9        | 44.03      | Yes           | 18.55          | -25.48        |
| 7237   | 11/29/2021 | 22         | 10       | 42.89      | Yes           | 18.55          | -24.34        |
| 7238   | 11/29/2021 | 22         | 11       | 42.64      | Yes           | 18.55          | -24.09        |
| 7239   | 11/29/2021 | 22         | 12       | 43.25      | Yes           | 18.55          | -24.70        |
| 7240   | 11/29/2021 | 23         | 1        | 47.90      | Yes           | 18.55          | -29.35        |
| 7241   | 11/29/2021 | 23         | 2        | 48.39      | Yes           | 18.55          | -29.84        |
| 7242   | 11/29/2021 | 23         | 3        | 48.39      | Yes           | 18.55          | -29.84        |
| 7243   | 11/29/2021 | 23         | 4        | 45.78      | Yes           | 18.55          | -27.23        |
| 7244   | 11/29/2021 | 23         | 5        | 44.42      | Yes           | 18.55          | -25.87        |
| 7245   | 11/29/2021 | 23         | 6        | 43.10      | Yes           | 18.55          | -24.55        |
| 7246   | 11/29/2021 | 23         | 7        | 40.63      | Yes           | 18.55          | -22.08        |
| 7247   | 11/29/2021 | 23         | 8        | 39.78      | Yes           | 18.55          | -21.23        |
| 7248   | 11/29/2021 | 23         | 9        | 39.30      | Yes           | 18.55          | -20.75        |
| 7249   | 11/29/2021 | 23         | 10       | 38.54      | Yes           | 18.55          | -19.99        |
| 7250   | 11/29/2021 | 23         | 11       | 38.14      | Yes           | 18.55          | -19.59        |
| 7251   | 11/29/2021 | 23         | 12       | 38.44      | Yes           | 18.55          | -19.89        |
| 7252   | 11/29/2021 | 24         | 1        | 37.43      | Yes           | 18.55          | -18.88        |
| 7253   | 11/29/2021 | 24         | 2        | 37.57      | Yes           | 18.55          | -19.02        |
| 7254   | 11/29/2021 | 24         | 3        | 37.95      | Yes           | 18.55          | -19.40        |

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| 7255   | 11/29/2021 | 24         | 4        | 38.85      | Yes           | 18.55          | -20.30        |
| 7256   | 11/29/2021 | 24         | 5        | 38.02      | Yes           | 18.55          | -19.47        |
| 7257   | 11/29/2021 | 24         | 6        | 39.73      | Yes           | 18.55          | -21.18        |
| 7258   | 11/29/2021 | 24         | 7        | 38.36      | Yes           | 18.55          | -19.81        |
| 7259   | 11/29/2021 | 24         | 8        | 38.10      | Yes           | 18.55          | -19.55        |
| 7260   | 11/29/2021 | 24         | 9        | 37.69      | Yes           | 18.55          | -19.14        |
| 7261   | 11/29/2021 | 24         | 10       | 39.28      | Yes           | 18.55          | -20.73        |
| 7262   | 11/29/2021 | 24         | 11       | 37.90      | Yes           | 18.55          | -19.35        |
| 7263   | 11/29/2021 | 24         | 12       | 37.35      | Yes           | 18.55          | -18.80        |
| 7264   | 11/30/2021 | 1          | 1        | 40.19      | Yes           | 17.4           | -22.79        |
| 7265   | 11/30/2021 | 1          | 2        | 45.36      | Yes           | 17.4           | -27.96        |
| 7266   | 11/30/2021 | 1          | 3        | 52.89      | Yes           | 17.4           | -35.49        |
| 7267   | 11/30/2021 | 1          | 4        | 45.73      | Yes           | 17.4           | -28.33        |
| 7268   | 11/30/2021 | 1          | 5        | 44.88      | Yes           | 17.4           | -27.48        |
| 7269   | 11/30/2021 | 1          | 6        | 56.60      | Yes           | 17.4           | -39.20        |
| 7270   | 11/30/2021 | 1          | 7        | 67.38      | Yes           | 17.4           | -49.98        |
| 7271   | 11/30/2021 | 1          | 8        | 83.60      | Yes           | 17.4           | -66.20        |
| 7272   | 11/30/2021 | 1          | 9        | 62.09      | Yes           | 17.4           | -44.69        |
| 7273   | 11/30/2021 | 1          | 10       | 70.42      | Yes           | 17.4           | -53.02        |
| 7274   | 11/30/2021 | 1          | 11       | 49.45      | Yes           | 17.4           | -32.05        |
| 7275   | 11/30/2021 | 1          | 12       | 47.86      | Yes           | 17.4           | -30.46        |
| 7276   | 11/30/2021 | 2          | 1        | 46.52      | Yes           | 17.4           | -29.12        |
| 7277   | 11/30/2021 | 2          | 2        | 41.57      | Yes           | 17.4           | -24.17        |
| 7278   | 11/30/2021 | 2          | 3        | 43.11      | Yes           | 17.4           | -25.71        |
| 7279   | 11/30/2021 | 2          | 4        | 40.89      | Yes           | 17.4           | -23.49        |
| 7280   | 11/30/2021 | 2          | 5        | 40.30      | Yes           | 17.4           | -22.90        |
| 7281   | 11/30/2021 | 2          | 6        | 40.27      | Yes           | 17.4           | -22.87        |
| 7282   | 11/30/2021 | 2          | 7        | 40.55      | Yes           | 17.4           | -23.15        |
| 7283   | 11/30/2021 | 2          | 8        | 39.41      | Yes           | 17.4           | -22.01        |
| 7284   | 11/30/2021 | 2          | 9        | 39.41      | Yes           | 17.4           | -22.01        |
| 7285   | 11/30/2021 | 2          | 10       | 38.45      | Yes           | 17.4           | -21.05        |
| 7286   | 11/30/2021 | 2          | 11       | 38.39      | Yes           | 17.4           | -20.99        |
| 7287   | 11/30/2021 | 2          | 12       | 37.35      | Yes           | 17.4           | -19.95        |
| 7288   | 11/30/2021 | 3          | 1        | 38.79      | Yes           | 17.4           | -21.39        |
| 7289   | 11/30/2021 | 3          | 2        | 38.62      | Yes           | 17.4           | -21.22        |
| 7290   | 11/30/2021 | 3          | 3        | 38.62      | Yes           | 17.4           | -21.22        |
| 7291   | 11/30/2021 | 3          | 4        | 38.65      | Yes           | 17.4           | -21.25        |
| 7292   | 11/30/2021 | 3          | 5        | 37.60      | Yes           | 17.4           | -20.20        |

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| 7293   | 11/30/2021 | 3          | 6        | 37.60      | Yes           | 17.4           | -20.20        |
| 7294   | 11/30/2021 | 3          | 7        | 38.23      | Yes           | 17.4           | -20.83        |
| 7295   | 11/30/2021 | 3          | 8        | 38.19      | Yes           | 17.4           | -20.79        |
| 7296   | 11/30/2021 | 3          | 9        | 38.14      | Yes           | 17.4           | -20.74        |
| 7297   | 11/30/2021 | 3          | 10       | 36.93      | Yes           | 17.4           | -19.53        |
| 7298   | 11/30/2021 | 3          | 11       | 36.37      | Yes           | 17.4           | -18.97        |
| 7299   | 11/30/2021 | 3          | 12       | 36.74      | Yes           | 17.4           | -19.34        |
| 7300   | 11/30/2021 | 4          | 1        | 37.58      | Yes           | 17.4           | -20.18        |
| 7301   | 11/30/2021 | 4          | 2        | 37.48      | Yes           | 17.4           | -20.08        |
| 7302   | 11/30/2021 | 4          | 3        | 37.76      | Yes           | 17.4           | -20.36        |
| 7303   | 11/30/2021 | 4          | 4        | 37.99      | Yes           | 17.4           | -20.59        |
| 7304   | 11/30/2021 | 4          | 5        | 37.99      | Yes           | 17.4           | -20.59        |
| 7305   | 11/30/2021 | 4          | 6        | 37.99      | Yes           | 17.4           | -20.59        |
| 7306   | 11/30/2021 | 4          | 7        | 37.62      | Yes           | 17.4           | -20.22        |
| 7307   | 11/30/2021 | 4          | 8        | 37.62      | Yes           | 17.4           | -20.22        |
| 7308   | 11/30/2021 | 4          | 9        | 37.62      | Yes           | 17.4           | -20.22        |
| 7309   | 11/30/2021 | 4          | 10       | 38.27      | Yes           | 17.4           | -20.87        |
| 7310   | 11/30/2021 | 4          | 11       | 37.75      | Yes           | 17.4           | -20.35        |
| 7311   | 11/30/2021 | 4          | 12       | 37.75      | Yes           | 17.4           | -20.35        |
| 7312   | 11/30/2021 | 5          | 1        | 36.59      | Yes           | 17.4           | -19.19        |
| 7313   | 11/30/2021 | 5          | 2        | 37.01      | Yes           | 17.4           | -19.61        |
| 7314   | 11/30/2021 | 5          | 3        | 37.73      | Yes           | 17.4           | -20.33        |
| 7315   | 11/30/2021 | 5          | 4        | 37.56      | Yes           | 17.4           | -20.16        |
| 7316   | 11/30/2021 | 5          | 5        | 38.27      | Yes           | 17.4           | -20.87        |
| 7317   | 11/30/2021 | 5          | 6        | 38.37      | Yes           | 17.4           | -20.97        |
| 7318   | 11/30/2021 | 5          | 7        | 40.14      | Yes           | 17.4           | -22.74        |
| 7319   | 11/30/2021 | 5          | 8        | 40.59      | Yes           | 17.4           | -23.19        |
| 7320   | 11/30/2021 | 5          | 9        | 42.61      | Yes           | 17.4           | -25.21        |
| 7321   | 11/30/2021 | 5          | 10       | 44.14      | Yes           | 17.4           | -26.74        |
| 7322   | 11/30/2021 | 5          | 11       | 43.95      | Yes           | 17.4           | -26.55        |
| 7323   | 11/30/2021 | 5          | 12       | 42.86      | Yes           | 17.4           | -25.46        |
| 7324   | 11/30/2021 | 6          | 1        | 36.90      | Yes           | 17.4           | -19.50        |
| 7325   | 11/30/2021 | 6          | 2        | 37.35      | Yes           | 17.4           | -19.95        |
| 7326   | 11/30/2021 | 6          | 3        | 38.21      | Yes           | 17.4           | -20.81        |
| 7327   | 11/30/2021 | 6          | 4        | 38.84      | Yes           | 17.4           | -21.44        |
| 7328   | 11/30/2021 | 6          | 5        | 40.01      | Yes           | 17.4           | -22.61        |
| 7329   | 11/30/2021 | 6          | 6        | 40.61      | Yes           | 17.4           | -23.21        |
| 7330   | 11/30/2021 | 6          | 7        | 40.44      | Yes           | 17.4           | -23.04        |

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|--------|------------|------------|----------|------------|---------------|----------------|---------------|
| 7331   | 11/30/2021 | 6          | 8        | 42.27      | Yes           | 17.4           | -24.87        |
| 7332   | 11/30/2021 | 6          | 9        | 50.46      | Yes           | 17.4           | -33.06        |
| 7333   | 11/30/2021 | 6          | 10       | 46.47      | Yes           | 17.4           | -29.07        |
| 7334   | 11/30/2021 | 6          | 11       | 48.42      | Yes           | 17.4           | -31.02        |
| 7335   | 11/30/2021 | 6          | 12       | 71.93      | Yes           | 17.4           | -54.53        |
| 7336   | 11/30/2021 | 7          | 1        | 43.71      | Yes           | 17.4           | -26.31        |
| 7337   | 11/30/2021 | 7          | 2        | 44.05      | Yes           | 17.4           | -26.65        |
| 7338   | 11/30/2021 | 7          | 3        | 49.86      | Yes           | 17.4           | -32.46        |
| 7339   | 11/30/2021 | 7          | 12       | 69.47      | Yes           | 17.4           | -52.07        |
| 7340   | 11/30/2021 | 8          | 4        | 105.14     | Yes           | 17.4           | -87.74        |
| 7341   | 11/30/2021 | 8          | 5        | 91.08      | Yes           | 17.4           | -73.68        |
| 7342   | 11/30/2021 | 8          | 6        | 101.15     | Yes           | 17.4           | -83.75        |
| 7343   | 11/30/2021 | 8          | 7        | 87.16      | Yes           | 17.4           | -69.76        |
| 7344   | 11/30/2021 | 8          | 8        | 86.29      | Yes           | 17.4           | -68.89        |
| 7345   | 11/30/2021 | 8          | 9        | 86.30      | Yes           | 17.4           | -68.90        |
| 7346   | 11/30/2021 | 8          | 10       | 66.18      | Yes           | 17.4           | -48.78        |
| 7347   | 11/30/2021 | 8          | 11       | 61.41      | Yes           | 17.4           | -44.01        |
| 7348   | 11/30/2021 | 8          | 12       | 55.74      | Yes           | 17.4           | -38.34        |
| 7349   | 11/30/2021 | 9          | 1        | 59.06      | Yes           | 17.4           | -41.66        |
| 7350   | 11/30/2021 | 9          | 2        | 57.46      | Yes           | 17.4           | -40.06        |
| 7351   | 11/30/2021 | 9          | 3        | 56.01      | Yes           | 17.4           | -38.61        |
| 7352   | 11/30/2021 | 9          | 4        | 52.21      | Yes           | 17.4           | -34.81        |
| 7353   | 11/30/2021 | 9          | 5        | 54.76      | Yes           | 17.4           | -37.36        |
| 7354   | 11/30/2021 | 9          | 6        | 64.76      | Yes           | 17.4           | -47.36        |
| 7355   | 11/30/2021 | 9          | 7        | 37.87      | Yes           | 17.4           | -20.47        |
| 7356   | 11/30/2021 | 9          | 8        | 33.84      | Yes           | 17.4           | -16.44        |
| 7357   | 11/30/2021 | 9          | 9        | 29.81      | Yes           | 17.4           | -12.41        |
| 7358   | 11/30/2021 | 9          | 10       | 5.71       | Yes           | 17.4           | 11.69         |
| 7359   | 11/30/2021 | 9          | 11       | 4.69       | Yes           | 17.4           | 12.71         |
| 7360   | 11/30/2021 | 9          | 12       | 4.69       | Yes           | 17.4           | 12.71         |
| 7361   | 11/30/2021 | 10         | 1        | 9.31       | Yes           | 17.4           | 8.09          |
| 7362   | 11/30/2021 | 10         | 2        | 25.75      | Yes           | 17.4           | -8.35         |
| 7363   | 11/30/2021 | 10         | 3        | 34.45      | Yes           | 17.4           | -17.05        |
| 7364   | 11/30/2021 | 10         | 4        | 24.05      | Yes           | 17.4           | -6.65         |
| 7365   | 11/30/2021 | 10         | 5        | 24.28      | Yes           | 17.4           | -6.88         |
| 7366   | 11/30/2021 | 10         | 6        | 25.29      | Yes           | 17.4           | -7.89         |
| 7367   | 11/30/2021 | 10         | 7        | 23.31      | Yes           | 17.4           | -5.91         |
| 7368   | 11/30/2021 | 10         | 8        | 18.91      | Yes           | 17.4           | -1.51         |

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|--------|------------|------------|----------|------------|---------------|----------------|---------------|
| 7369   | 11/30/2021 | 10         | 9        | 19.95      | Yes           | 17.4           | -2.55         |
| 7370   | 11/30/2021 | 10         | 10       | 19.41      | Yes           | 17.4           | -2.01         |
| 7371   | 11/30/2021 | 10         | 11       | 13.92      | Yes           | 17.4           | 3.48          |
| 7372   | 11/30/2021 | 10         | 12       | 9.39       | Yes           | 17.4           | 8.01          |
| 7373   | 11/30/2021 | 11         | 1        | 18.69      | Yes           | 17.4           | -1.29         |
| 7374   | 11/30/2021 | 11         | 2        | 17.25      | Yes           | 17.4           | 0.15          |
| 7375   | 11/30/2021 | 11         | 3        | 8.58       | Yes           | 17.4           | 8.82          |
| 7376   | 11/30/2021 | 11         | 4        | 8.71       | Yes           | 17.4           | 8.69          |
| 7377   | 11/30/2021 | 11         | 5        | 8.50       | Yes           | 17.4           | 8.90          |
| 7378   | 11/30/2021 | 11         | 6        | 9.18       | Yes           | 17.4           | 8.22          |
| 7379   | 11/30/2021 | 11         | 7        | 8.82       | Yes           | 17.4           | 8.58          |
| 7380   | 11/30/2021 | 11         | 8        | 8.51       | Yes           | 17.4           | 8.89          |
| 7381   | 11/30/2021 | 11         | 9        | 8.82       | Yes           | 17.4           | 8.58          |
| 7382   | 11/30/2021 | 11         | 10       | 8.76       | Yes           | 17.4           | 8.64          |
| 7383   | 11/30/2021 | 11         | 11       | 8.76       | Yes           | 17.4           | 8.64          |
| 7384   | 11/30/2021 | 11         | 12       | 8.44       | Yes           | 17.4           | 8.96          |
| 7385   | 11/30/2021 | 12         | 1        | 8.79       | Yes           | 17.4           | 8.61          |
| 7386   | 11/30/2021 | 12         | 2        | 4.47       | Yes           | 17.4           | 12.93         |
| 7387   | 11/30/2021 | 12         | 3        | 9.09       | Yes           | 17.4           | 8.31          |
| 7388   | 11/30/2021 | 12         | 4        | 9.06       | Yes           | 17.4           | 8.34          |
| 7389   | 11/30/2021 | 12         | 5        | 0.90       | Yes           | 17.4           | 16.50         |
| 7390   | 11/30/2021 | 12         | 6        | 8.75       | Yes           | 17.4           | 8.65          |
| 7391   | 11/30/2021 | 12         | 7        | 9.50       | Yes           | 17.4           | 7.90          |
| 7392   | 11/30/2021 | 12         | 8        | 11.80      | Yes           | 17.4           | 5.60          |
| 7393   | 11/30/2021 | 12         | 9        | 14.25      | Yes           | 17.4           | 3.15          |
| 7394   | 11/30/2021 | 12         | 10       | 15.98      | Yes           | 17.4           | 1.42          |
| 7395   | 11/30/2021 | 12         | 11       | 17.40      | Yes           | 17.4           | 0.00          |
| 7396   | 11/30/2021 | 12         | 12       | 14.22      | Yes           | 17.4           | 3.18          |
| 7397   | 11/30/2021 | 13         | 1        | 24.38      | Yes           | 17.4           | -6.98         |
| 7398   | 11/30/2021 | 13         | 2        | 31.74      | Yes           | 17.4           | -14.34        |
| 7399   | 11/30/2021 | 13         | 3        | 26.12      | Yes           | 17.4           | -8.72         |
| 7400   | 11/30/2021 | 13         | 4        | 19.88      | Yes           | 17.4           | -2.48         |
| 7401   | 11/30/2021 | 13         | 5        | 17.77      | Yes           | 17.4           | -0.37         |
| 7402   | 11/30/2021 | 13         | 6        | 19.21      | Yes           | 17.4           | -1.81         |
| 7403   | 11/30/2021 | 13         | 7        | 19.95      | Yes           | 17.4           | -2.55         |
| 7404   | 11/30/2021 | 13         | 8        | 19.96      | Yes           | 17.4           | -2.56         |
| 7405   | 11/30/2021 | 13         | 9        | 20.15      | Yes           | 17.4           | -2.75         |
| 7406   | 11/30/2021 | 13         | 10       | 19.93      | Yes           | 17.4           | -2.53         |



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| Number | Trade Date | Trade Hour | Interval | Market LMP | Eligible Flag | Calculated LMP | Change in LMP |
|--------|------------|------------|----------|------------|---------------|----------------|---------------|
| 7407   | 11/30/2021 | 13         | 11       | 14.49      | Yes           | 17.4           | 2.91          |
| 7408   | 11/30/2021 | 13         | 12       | 6.74       | Yes           | 17.4           | 10.66         |
| 7409   | 11/30/2021 | 14         | 1        | 11.75      | Yes           | 17.4           | 5.65          |
| 7410   | 11/30/2021 | 14         | 2        | 19.45      | Yes           | 17.4           | -2.05         |
| 7411   | 11/30/2021 | 14         | 3        | 18.86      | Yes           | 17.4           | -1.46         |
| 7412   | 11/30/2021 | 14         | 4        | 15.82      | Yes           | 17.4           | 1.58          |
| 7413   | 11/30/2021 | 14         | 5        | 17.23      | Yes           | 17.4           | 0.17          |
| 7414   | 11/30/2021 | 14         | 6        | 17.42      | Yes           | 17.4           | -0.02         |
| 7415   | 11/30/2021 | 14         | 7        | 17.31      | Yes           | 17.4           | 0.09          |
| 7416   | 11/30/2021 | 14         | 8        | 17.54      | Yes           | 17.4           | -0.14         |
| 7417   | 11/30/2021 | 14         | 9        | 22.09      | Yes           | 17.4           | -4.69         |
| 7418   | 11/30/2021 | 14         | 10       | 22.19      | Yes           | 17.4           | -4.79         |
| 7419   | 11/30/2021 | 14         | 11       | 22.19      | Yes           | 17.4           | -4.79         |
| 7420   | 11/30/2021 | 14         | 12       | 6.93       | Yes           | 17.4           | 10.47         |
| 7421   | 11/30/2021 | 15         | 1        | 9.48       | Yes           | 17.4           | 7.92          |
| 7422   | 11/30/2021 | 15         | 2        | 0.03       | Yes           | 17.4           | 17.37         |
| 7423   | 11/30/2021 | 15         | 3        | 0.01       | Yes           | 17.4           | 17.39         |
| 7424   | 11/30/2021 | 15         | 4        | 0.01       | Yes           | 17.4           | 17.39         |
| 7425   | 11/30/2021 | 15         | 5        | 0.00       | Yes           | 17.4           | 17.40         |
| 7426   | 11/30/2021 | 15         | 6        | 8.78       | Yes           | 17.4           | 8.62          |
| 7427   | 11/30/2021 | 15         | 7        | 9.64       | Yes           | 17.4           | 7.76          |
| 7428   | 11/30/2021 | 15         | 8        | 13.53      | Yes           | 17.4           | 3.87          |
| 7429   | 11/30/2021 | 15         | 9        | 21.93      | Yes           | 17.4           | -4.53         |
| 7430   | 11/30/2021 | 15         | 10       | 24.11      | Yes           | 17.4           | -6.71         |
| 7431   | 11/30/2021 | 15         | 11       | 26.26      | Yes           | 17.4           | -8.86         |
| 7432   | 11/30/2021 | 15         | 12       | 24.58      | Yes           | 17.4           | -7.18         |
| 7433   | 11/30/2021 | 16         | 1        | 2.35       | Yes           | 17.4           | 15.05         |
| 7434   | 11/30/2021 | 16         | 2        | 4.99       | Yes           | 17.4           | 12.41         |
| 7435   | 11/30/2021 | 16         | 3        | 8.71       | Yes           | 17.4           | 8.69          |
| 7436   | 11/30/2021 | 16         | 4        | 26.19      | Yes           | 17.4           | -8.79         |
| 7437   | 11/30/2021 | 16         | 5        | 39.97      | Yes           | 17.4           | -22.57        |
| 7438   | 11/30/2021 | 16         | 6        | 34.68      | Yes           | 17.4           | -17.28        |
| 7439   | 11/30/2021 | 16         | 7        | 59.62      | Yes           | 17.4           | -42.22        |
| 7440   | 11/30/2021 | 16         | 8        | 43.78      | Yes           | 17.4           | -26.38        |
| 7441   | 11/30/2021 | 16         | 9        | 55.54      | Yes           | 17.4           | -38.14        |
| 7442   | 11/30/2021 | 18         | 7        | 130.28     | Yes           | 17.4           | -112.88       |
| 7443   | 11/30/2021 | 18         | 8        | 106.39     | Yes           | 17.4           | -88.99        |
| 7444   | 11/30/2021 | 18         | 9        | 88.96      | Yes           | 17.4           | -71.56        |

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|--------|------------|------------|----------|------------|---------------|----------------|---------------|
| 7445   | 11/30/2021 | 18         | 10       | 122.81     | Yes           | 17.4           | -105.41       |
| 7446   | 11/30/2021 | 18         | 11       | 130.42     | Yes           | 17.4           | -113.02       |
| 7447   | 11/30/2021 | 18         | 12       | 131.59     | Yes           | 17.4           | -114.19       |
| 7448   | 11/30/2021 | 21         | 4        | 47.07      | Yes           | 17.4           | -29.67        |
| 7449   | 11/30/2021 | 21         | 5        | 48.60      | Yes           | 17.4           | -31.20        |
| 7450   | 11/30/2021 | 21         | 6        | 46.72      | Yes           | 17.4           | -29.32        |
| 7451   | 11/30/2021 | 21         | 7        | 49.67      | Yes           | 17.4           | -32.27        |
| 7452   | 11/30/2021 | 21         | 8        | 50.22      | Yes           | 17.4           | -32.82        |
| 7453   | 11/30/2021 | 21         | 9        | 51.14      | Yes           | 17.4           | -33.74        |
| 7454   | 11/30/2021 | 21         | 10       | 172.93     | Yes           | 17.4           | -155.53       |
| 7455   | 11/30/2021 | 21         | 11       | 156.95     | Yes           | 17.4           | -139.55       |
| 7456   | 11/30/2021 | 21         | 12       | 147.04     | Yes           | 17.4           | -129.64       |
| 7457   | 11/30/2021 | 22         | 1        | 237.69     | Yes           | 17.4           | -220.29       |
| 7458   | 11/30/2021 | 22         | 2        | 242.31     | Yes           | 17.4           | -224.91       |
| 7459   | 11/30/2021 | 22         | 3        | 188.14     | Yes           | 17.4           | -170.74       |

**Table 9: Price Impact Analysis Information for Pricing Node B in SCE LAP**

| Number | Trade Date | Trade Hour | Interval | Market LMP | Eligible Flag | Calculated LMP | Change in LMP |
|--------|------------|------------|----------|------------|---------------|----------------|---------------|
| 1      | 11/7/2021  | 2          | 9        | 45.30      | Yes           | 41.51          | -3.79         |
| 2      | 11/7/2021  | 2          | 9        | 45.30      | Yes           | 41.51          | -3.79         |
| 3      | 11/7/2021  | 2          | 10       | 45.58      | Yes           | 41.51          | -4.07         |
| 4      | 11/7/2021  | 2          | 10       | 45.58      | Yes           | 41.51          | -4.07         |
| 5      | 11/7/2021  | 2          | 11       | 45.56      | Yes           | 41.51          | -4.05         |
| 6      | 11/7/2021  | 2          | 11       | 45.56      | Yes           | 41.51          | -4.05         |
| 7      | 11/7/2021  | 2          | 12       | 45.50      | Yes           | 41.51          | -3.99         |
| 8      | 11/7/2021  | 2          | 12       | 45.50      | Yes           | 41.51          | -3.99         |
| 9      | 11/7/2021  | 3          | 1        | 47.67      | Yes           | 41.51          | -6.16         |
| 10     | 11/7/2021  | 3          | 2        | 47.67      | Yes           | 41.51          | -6.16         |
| 11     | 11/7/2021  | 3          | 3        | 48.16      | Yes           | 41.51          | -6.65         |
| 12     | 11/7/2021  | 3          | 4        | 40.82      | Yes           | 41.51          | 0.69          |
| 13     | 11/7/2021  | 3          | 5        | 43.37      | Yes           | 41.51          | -1.86         |
| 14     | 11/7/2021  | 3          | 6        | 42.77      | Yes           | 41.51          | -1.26         |

## Appendix C: Exceptional Dispatch Bid Mitigation Analysis

The ISO did not have any cost savings for the exceptional dispatch bid mitigation for November 2021.

**Table 10: Bid Mitigation Analysis for November 2021**

| Type    | Number of Resources | Costs without Bid Mitigation | Costs with Bid Mitigation | Cost Saving |
|---------|---------------------|------------------------------|---------------------------|-------------|
| NONTMOD | 0                   | \$ 0                         | \$ 0                      | \$ 0        |
| Total   | 0                   | \$ 0                         | \$ 0                      | \$ 0        |

## CERTIFICATE OF SERVICE

I hereby certify that I have served the foregoing document upon the parties listed on the official service lists in the above-referenced proceedings, in accordance with the requirements of Rule 2010 of the Commission's Rules of Practice and Procedure (18 C.F.R. § 385.2010).

Dated at Folsom, California, this 21<sup>th</sup> day of January, 2022.

*/s/ Jacqueline Meredith*  
Jacqueline Meredith