California Independent System Operator Corporation



June 15, 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. ER06-615-___ and ER07-1257-___ Market Disruption Report

Dear Secretary Bose:

The California Independent System Operator Corporation (CAISO) hereby submits its April/May 2022 report covering Market Disruption reportable events under Section 7.7.6 of the CAISO Tariff that occurred from April 16, 2022 to May 15, 2022.¹

Please contact the undersigned with any questions.

Respectfully submitted

By: /s/ Sidney Mannheim

Roger E. Collanton General Counsel Sidney Mannheim Assistant General Counsel California Independent System Operator Corporation 250 Outcropping Way Folsom, CA 95630 Tel: (916) 608-7144 Fax: (916) 608-7222 smannheim@caiso.com

¹ The CAISO submits the Market Disruption report pursuant to *California Independent System Operator Corp.*, 126 FERC ¶ 61,211 (2009) and Section 7.7.6 (d) of the CAISO Tariff (CAISO Tariff Section 7.7.15 was moved into Section 7.7.6 in the CAISO's Administrative Pricing tariff amendment, *see Cal. Indep. Sys. Operator Corp.*, 158 FERC ¶ 61,085 (2016)).



Market Disruption Report Apr 16, 2022 to May 15, 2022

June 15, 2022

CAISO Market Analysis and Forecasting

California CAISO 250 Outcropping Way Folsom, California 95630 (916) 351-4400

I. Background

A Market Disruption is an action or event that causes a failure of a CAISO Market, related to system operation issues or System Emergencies.¹ Pursuant to Section 7.7.6 of the CAISO Tariff, the California Independent System Operator Corporation (ISO or CAISO) can take one or more of a number of specified actions in the event of a Market Disruption, to prevent a Market Disruption, or to minimize the extent of a Market Disruption. The CAISO reports Market Disruption occurrence in any of the following circumstances:

- When any of the CAISO market processes fail to publish, including the Integrated Forward Market (IFM), Residual Unit Commitment (RUC), the Real-Time Market which includes the Hour-Ahead Scheduling Process (HASP), Fifteen Minute Market (FMM), and the Real-Time Dispatch (RTD) processes;
- When the CAISO manually overrides the closing of the Day-Ahead Market; or
- Any time that the CAISO removes Bids from a CAISO Market to prevent a Market Disruption or to minimize the extent of a Market Disruption.

The Market Disruption report contains the following information:

- The frequency and types of actions taken by the CAISO pursuant to Section 7.7.6;
- The nature of the Market Disruptions that caused the CAISO to take action, or the Market Disruptions that were successfully prevented or minimized by the CAISO as a result of taking action, and the CAISO's rationale for taking such actions pursuant to Section 7.7.6;
- Information about the Bids (including Self-Schedules) removed pursuant to Section 7.7.6 (*i.e.*, megawatt quantity, point of interconnection, specification of the Day-Ahead versus Real-Time Bid, and Energy or Ancillary Services Bid); and
- The CAISO's rationale for its removal of Bids (including Self-Schedules) pursuant to Section 7.7.6.²

¹ Section 7.6 and 7.7 of the CAISO Tariff refer to these system operation issues or System Emergencies, respectively. CAISO Tariff, Appendix A, definition of Market Disruption. Capitalized terms not otherwise defined herein have the meanings set forth in the CAISO Tariff.

² *Id.* at P 29 & n.29.

II. Report on Market Disruptions Occurring from April 16, 2022 through May 15, 2022

The CAISO's report on Market Disruptions that occurred from April 16, 2022 through May 15, 2022, is provided in Table 1 and Attachment A below. Attachment A includes an entry for each reportable Market Disruption event and each indicates:

- (1) The date of the Market Disruption;
- (2) The hour and Dispatch Interval when the Market Disruption ended;
- (3) The type of CAISO Market in which the Market Disruption occurred; and
- (4) A description of the nature of the Market Disruption, the nature of any actions taken by the CAISO, the rationale for such actions, and the Market Disruption prevented or minimized as a result of taking such actions.

For each of the CAISO Markets, Table 1 lists the number of Market Disruptions during the time period covered by this report. As shown in Table 1, there were a total of 112 Market Disruptions for the reporting period.

Type of CAISO Market	Market Disruption or Reportable Events
Day-Ahead	
IFM	0
RUC	0
Real-Time	
Fifteen Minute Market Interval 1	6
Fifteen Minute Market Interval 2	7
Fifteen Minute Market Interval 3	11
Fifteen Minute Market Interval 4	9
Real-Time Dispatch	79

 Table 1: Summary of Market Disruption Report

Table 1 above shows the market disruptions in the real time market in order to incorporate the FMM binding intervals.

The frequency of RTD failures increased from 33 to 79 in comparison to the report for the period of March 16, 2022 through April 15, 2022. RTD failures accounted for approximately 71 percent of all of the Market Disruptions during this reporting period.

On April 19th there were 22 (5 FMM, 2 HASP, 15 RTD) disruptions due to market patching. On May 11th, there were 20 (3 FMM, 1 HASP, 1 DSTUC and 15 RTD) disruptions due to application maintenance. On May 2nd, there were 17 (4 FMM, 1 HASP, 1 DSTUC, and 11 RTD) interval disruptions due to EIM go live.

The CAISO made resources non-participating in FMM due to market failures on following days – none. The resources were made non-participating strictly to resolve the FMM issues and not due to bidding concerns. Different resources were made non-participating for each day.

The CAISO made resources non-participating in RTD due to market failures on following days – May 15th. The resources were made non-participating strictly to resolve the RTD issues and not due to bidding concerns. Different resources were made non-participating for each day.

There was a market disruption for an EIM entity due to an IT communication issue on the EIM entity side. The market disruption occurred on May 8, 2022 from HE 12 interval 1 to HE 18 interval 2 in the FMM market and from HE 12 interval 1 to HE 18 interval 6 in the RTD market. This disruption was isolated to this EIM entity only and did not impact any other EIM entities.

Market Disruption for Unique Pricing Feature

The CAISO implemented a feature to ensure unique pricing under a degenerate condition in November 2015, which was implemented along with other pricing enhancements to improve market efficiency.

Table 2 captured below shows the dates and market in which the pricing feature was disabled between April 16, 2022 and May 15, 2022. The uniqueness feature was enabled for all other intervals across all the markets for the timeframe captured in this report.

Table 2: Status of Unique Pricing Feature across Various Markets

The pricing feature was not disabled between April 16, 2022 and May 15, 2022.

ATTACHMENT A

	California Independent System Operator Corporation Market Disruption Report June 15, 2022 Table 3: Market Disruptions, Nature of Actions Taken by the CAISO, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions									
Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions					
1	4/16/2022	18	1	DSTUC	DSTUC did not run due to a network failure.					
2	4/18/2022	17	1	RTD	RTD results were blocked and previous solution used.					
3	4/19/2022	15	3	FMM	FMM did not run due to market patching.					
4	4/19/2022	15	4	FMM	FMM did not run due to market patching.					
5	4/19/2022	16	1	FMM	FMM did not run due to market patching.					
6	4/19/2022	23	4	FMM	FMM did not run due to market patching.					
7	4/19/2022	24	1	FMM	FMM did not run due to market patching.					

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
8	4/19/2022	16	2	HASP	HASP did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
9	4/19/2022	24	2	HASP	HASP did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
10	4/19/2022	15	4	RTD	RTD did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
11	4/19/2022	15	5	RTD	RTD did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
12	4/19/2022	15	6	RTD	RTD did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
13	4/19/2022	15	7	RTD	RTD did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
14	4/19/2022	15	8	RTD	RTD did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
15	4/19/2022	15	9	RTD	RTD did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
16	4/19/2022	15	10	RTD	RTD did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
17	4/19/2022	15	11	RTD	RTD did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
18	4/19/2022	15	12	RTD	RTD did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
19	4/19/2022	16	1	RTD	RTD did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
20	4/19/2022	23	7	RTD	RTD did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
21	4/19/2022	23	8	RTD	RTD did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
22	4/19/2022	23	9	RTD	RTD did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
23	4/19/2022	23	10	RTD	RTD did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
24	4/19/2022	23	11	RTD	RTD did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
25	4/21/2022	6	8	RTD	RTD failed due to application problem. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
26	4/22/2022	22	1	DSTUC	DSTUC did not run due to application problem.
27	4/25/2022	17	1	DSTUC	DSTUC did not run due to a network failure.
28	4/26/2022	24	1	DSTUC	DSTUC did not run due to FNM model promotion.
29	4/26/2022	24	3	FMM	FMM did not run due to FNM model promotion.
30	4/26/2022	24	4	FMM	FMM did not run due to FNM model promotion.
31	4/26/2022	24	11	RTD	RTD did not run due to FNM model promotion. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
32	4/26/2022	24	12	RTD	RTD did not run due to FNM model promotion. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
33	4/29/2022	15	4	FMM	FMM did not run due to market patching.
34	4/29/2022	16	1	FMM	FMM did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
35	4/29/2022	16	2	HASP	HASP did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
					RTD did not run due to market patching. The market results
36	4/29/2022	15	7	RTD	for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
00	-1/2012022	10	'		RTD did not run due to market patching. The market results
					for this interval were filled based on the tariff sections 7.7.9
37	4/29/2022	15	8	RTD	and 29.7(j).
					RTD did not run due to market patching. The market results
20	1/20/2022	45	0	DTD	for this interval were filled based on the tariff sections 7.7.9
38	4/29/2022	15	9	RTD	and 29.7(j). RTD did not run due to market patching. The market results
					for this interval were filled based on the tariff sections 7.7.9
39	4/29/2022	15	10	RTD	and 29.7(j).
					RTD did not run due to market patching. The market results for this interval were filled based on the tariff sections 7.7.9
40	4/29/2022	16	7	RTD	and 29.7(j).
41	4/29/2022	17	6	RTD	RTD failed due to application time-out.
			_		
42	4/29/2022	17	7	RTD	PTD failed due to application time out
42	4/29/2022	17	(RTD failed due to application time-out.
43	4/29/2022	17	8	RTD	RTD failed due to application time-out.
44	4/29/2022	17	9	RTD	RTD failed due to application time-out.

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
45	4/29/2022	17	10	RTD	RTD results were blocked and previous solution used. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
46	4/30/2022	18	12	RTD	RTD results were blocked and previous solution used.
47	5/2/2022	21	1	DSTUC	DSTUC did not run due to EIM go live.
48	5/2/2022	19	4	FMM	FMM did not run due to EIM go live.
49	5/2/2022	20	1	FMM	FMM did not run due to EIM go live.
50	5/2/2022	21	3	FMM	FMM did not run due to EIM go live.
51	5/2/2022	21	4	FMM	FMM did not run due to EIM go live.
52	5/2/2022	20	2	HASP	HASP did not run due to EIM go live.
53	5/2/2022	19	6	RTD	RTD did not run due to EIM go live.
54	5/2/2022	19	7	RTD	RTD did not run due to EIM go live.

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
55	5/2/2022	19	8	RTD	RTD did not run due to EIM go live.
56	5/2/2022	19	9	RTD	RTD did not run due to EIM go live.
57	5/2/2022	19	10	RTD	RTD did not run due to EIM go live.
58	5/2/2022	19	11	RTD	RTD did not run due to EIM go live.
59	5/2/2022	19	12	RTD	RTD did not run due to EIM go live.
60	5/2/2022	20	2	RTD	RTD did not run due to EIM go live. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
61	5/2/2022	21	4	RTD	RTD did not run due to EIM go live.
62	5/2/2022	21	6	RTD	RTD did not run due to EIM go live.
63	5/2/2022	24	12	RTD	RTD did not run due to EIM go live. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
64	5/4/2022	23	3	FMM	FMM results were blocked and previous solution used.

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
65	5/4/2022	23	2	HASP	HASP results were blocked and previous solution used.
66	5/4/2022	9	7	RTD	RTD failed due to application time-out.
67	5/4/2022	11	3	RTD	RTD failed due to application time-out.
68	5/4/2022	21	2	RTD	RTD results were blocked and previous solution used.
69	5/4/2022	21	3	RTD	RTD results were blocked and previous solution used.
70	5/4/2022	21	6	RTD	RTD results were blocked and previous solution used.
71	5/4/2022	22	8	RTD	RTD results were blocked and previous solution used.
72	5/4/2022	22	9	RTD	RTD results were blocked and previous solution used.
73	5/4/2022	22	11	RTD	RTD results were blocked and previous solution used.
74	5/6/2022	14	8	RTD	RTD failed due to issue with RCD run. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
75	5/6/2022	22	11	RTD	RTD failed due to application problem.
76	5/7/2022	16	12	RTD	RTD results were blocked and previous solution used.
77	5/8/2022	15	12	RTD	RTD results were blocked and previous solution used.
78	5/10/2022	5	1	FMM	FMM failed due to application time-out. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
79	5/10/2022	13	2	HASP	HASP failed due to application time-out. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
80	5/11/2022	16	1	DSTUC	DSTUC did not run due to application maintenance.
81	5/11/2022	15	4	FMM	FMM did not run due to application maintenance. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
82	5/11/2022	16	1	FMM	FMM did not run due to application maintenance.
83	5/11/2022	16	3	FMM	FMM did not run due to application maintenance. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
84	5/11/2022	16	2	HASP	HASP did not run due to application maintenance. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
85	5/11/2022	15	7	RTD	RTD did not run due to application maintenance. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
86	5/11/2022	15	8	RTD	RTD did not run due to application maintenance. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
87	5/11/2022	15	9	RTD	RTD did not run due to application maintenance. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
88	5/11/2022	15	10	RTD	RTD did not run due to application maintenance. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
89	5/11/2022	15	11	RTD	RTD did not run due to application maintenance. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
90	5/11/2022	15	12	RTD	RTD did not run due to application maintenance. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
91	5/11/2022	16	1	RTD	RTD did not run due to application maintenance. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
92	5/11/2022	16	2	RTD	RTD did not run due to application maintenance. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
					RTD did not run due to application maintenance. The market results for this interval were filled based on the tariff sections
93	5/11/2022	16	3	RTD	7.7.9 and 29.7(j).
94	5/11/2022	16	4	RTD	RTD did not run due to application maintenance. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
95	5/11/2022	16	5	RTD	RTD did not run due to application maintenance. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
96	5/11/2022	16	6	RTD	RTD did not run due to application maintenance. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
97	5/11/2022	16	11	RTD	RTD did not run due to application maintenance.
98	5/11/2022	16	12	RTD	RTD did not run due to application maintenance.
99	5/11/2022	17	1	RTD	RTD did not run due to application maintenance.
100	5/12/2022	20	12	RTD	RTD did not run due to application time-out. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
101	5/12/2022	21	1	RTD	RTD did not run due to application time-out. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
102	5/14/2022	20	4	FMM	FMM failed due to application time-out. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
103	5/14/2022	10	11	RTD	RTD did not run due to application time-out. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
104	5/14/2022	10	12	RTD	RTD did not run due to application time-out. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
105	5/14/2022	20	8	RTD	RTD did not run due to application time-out. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
106	5/14/2022	20	9	RTD	RTD did not run due to application time-out. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
107	5/15/2022	16	4	FMM	FMM failed due to application time-out. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).
108	5/15/2022	10	8	RTD	RTD results were blocked and previous solution used.
109	5/15/2022	11	9	RTD	RTD failed due to application time-out.
110	5/15/2022	11	10	RTD	RTD did not run due to issue with RTCD run. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions			
111	5/15/2022	11	11	RTD	RTD did not run due to issue with RTCD run. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).			
112	5/15/2022	11	12	RTD	RTD did not run due to issue with RTCD run. The market results for this interval were filled based on the tariff sections 7.7.9 and 29.7(j).			
Notes:								
Integrated Forward Market (IFM): The Day-Ahead Market run in which the CAISO conducts the market for purchases and sales of Energy for all hours of the next Trading Day based on submitted supply and demand bids, and performs the procurement of Ancillary Services.								
Residual Unit Commitment (RUC): The Day-Ahead Market run in which the CAISO conducts unit commitment of additional resources based on submitted availability bids and the forecast of demand for every hour of the next Trading Day.								
Fifteen Minute Market (FMM) Interval 1: The first of a series of four market runs conducted every Trading Hour in advance of the Operating Hour. In this run the CAISO conducts the Market Power Mitigation for submitted Bids, which applies to all of the Real-Time Market processes for the given Trading Hour. In this interval the CAISO also conducts the procurement of incremental Ancillary Services from internal resources and dynamic oxternal resources.								
dynamic external resources. Fifteen Minute Market (FMM) Interval 2: The second of a series of four market runs conducted every Trading Hour in advance of the Operating Hour during which the CAISO conducts the HASP. In the HASP, the CAISO conducts the procurement and sale of Energy and Ancillary services from non-dynamic System Resources based on submitted Bids and the CAISO Forecast of CAISO Demand. In this interval the CAISO also conducts the advisory procurement of incremental Ancillary Services from internal resources and dynamic external resources from T to T+60 minutes and procurement for the given Trading Hour.								
Fifteen Minute Market (FMM) Interval 3: The third of a series of four market runs conducted every Trading Hour. During this interval the CAISO conducts the commitment of internal Short-Start and Fast Start Units for the Time Horizon of T-30 minutes to T+240 minutes. In this interval the CAISO also conducts the procurement of incremental Ancillary Services from internal resources and dynamic external resources for the given Trading Hour.								
Fifteen Minute Market (FMM) Interval 4: The fourth of a series of four market runs conducted every Trading Hour. This interval is for the Fifteen Minute Market for the T-105 minutes to T+60 minutes time horizon. In this interval the CAISO also conducts 15-minute Ancillary Service Awards for non-Hourly System Resources, internal resources and dynamic external resources for the given Trading Hour.								
Real-Time Dispatch (RTD): The five-minute interval of any given Operating Hour during which the CAISO conducts the market for Energy based on submitted bids and the CAISO Forecast of CAISO Demand.								

CERTIFICATE OF SERVICE

I certify that I have served the foregoing document upon the parties listed on the official service list in the captioned 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 15th day of June, 2022.

<u>Isl Jacqueline Meredith</u> Jacqueline Meredith