

March 12, 2020

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**

**120-day Exceptional Dispatch Informational Report Covering
November 1, 2019 through February 29, 2020**

Dear Secretary Bose:

The California Independent System Operator Corporation (CAISO) submits the attached informational report to include Exceptional Dispatch data from the period from November 1, 2019 through February 29, 2020.

In its September 2009 Order, the Commission directed the CAISO to file reports every 120 days that describe the status of the CAISO's efforts to reduce the frequency of Exceptional Dispatch and the status of the CAISO's development of operational and product enhancements that would reduce reliance on Exceptional Dispatch.¹ The 120-day informational report is in addition to the Table 1 and Table 2 monthly Exceptional Dispatch reports the CAISO files in the above-referenced dockets.²

¹ *Cal. Indep. Sys. Operator Corp.*, 128 FERC ¶ 61,218, at PP 50-51 (September 2009 Order). The Commission explained that it “does not intend to notice these future status reports or to issue orders on these in the future, as these reports are for informational purposes only.” *Id.* at P 51 n.66.

² *Id.*, and *Cal. Indep. Sys. Operator Corp.*, 131 FERC ¶ 61,100 (2010).

Honorable Kimberly D. Bose
March 12, 2020
Page 2

Please contact the undersigned with any questions regarding this filing.

Respectfully submitted,

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California ISO

**120-day
Exceptional Dispatch Report**

**Prepared by
California Independent System Operator**

March 12, 2020

Table of Contents

- 1. Introduction 3
- 2. Exceptional Dispatch Data and Reports 3

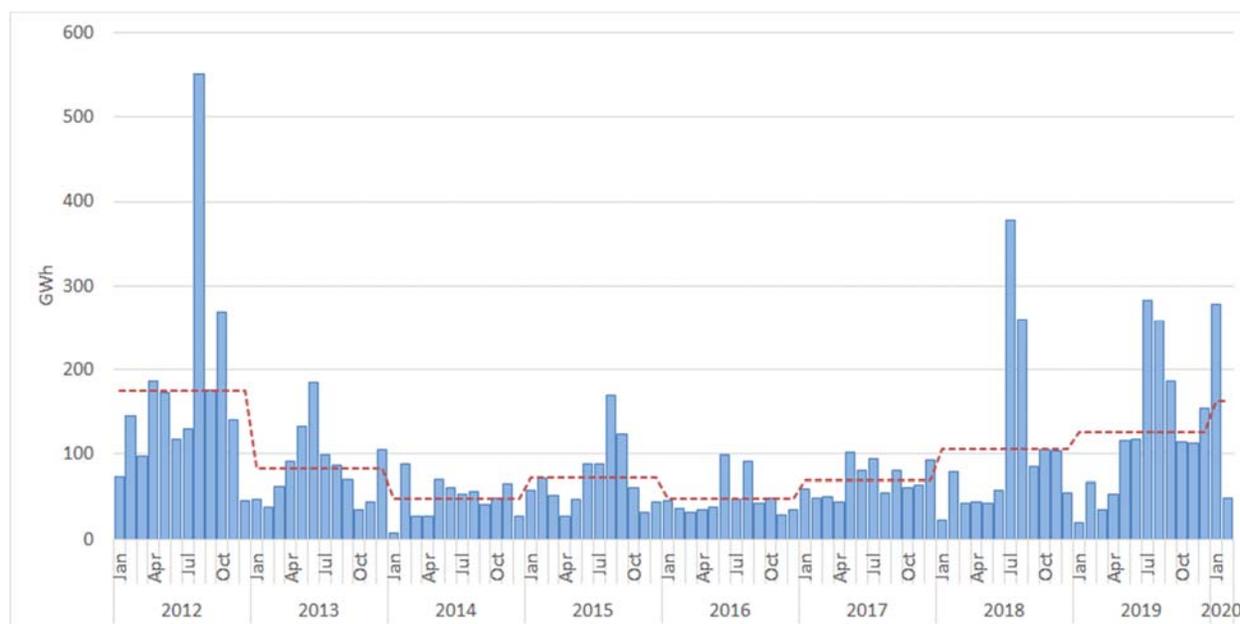
1. Introduction

This informational report by the California ISO (CAISO) provides an update to the Commission and market participants on the exceptional dispatch metrics and the measures the CAISO took to reduce reliance on exceptional dispatch for the period from January 2012 through February 2020. This report covers the period of November 1, 2019 through February 29, 2020¹.

2. Exceptional Dispatch Data and Reports

As shown in Figure 1 below, the average volume of exceptional dispatches for 2020 is slightly higher than 2019. The yearly average volume has remained relatively stable at low levels for recent years with the exception of peak summer conditions when exceptional dispatches are necessary to manage contingencies as evident from the July – August 2019 volume. The increase in January 2020 exceptional dispatch was primarily due to unit testing initiated by the scheduling coordinator.

Figure 1: Exceptional Dispatch Volume from January 2012 to February 2020



Specifically, the exceptional dispatch volume was lower in the November – December 2019 period and then increased during the December 2019 - January 2020 period due to scheduling coordinators testing their units in the ISO system. The volume of exceptional dispatches has been reduced for February 2020. The exceptional dispatch volume, excluding unit testing, was primarily due to planned transmission outages and Real Time Assessment, as shown in Figure 3. Reliability Assessment is the reason, as explained in the operator procedure 2330C², that encompasses Control Point (CP), Interconnection Reliability Operating Limit (IROL), System Operating Limit (SOL) and congestion related EDs, to mitigate reliability issues identified

¹ The ISO’s 120-day reports are available on the ISO website at: <http://www.caiso.com/informed/Pages/RegulatoryFilingsAndOrders.aspx>.

² The operator procedure 2330C - <http://www.caiso.com/Documents/2330C.pdf>

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.

Other than unit testing, the majority of the exceptional dispatch volumes in November 2019 – February 2020 were driven by planned transmission outage, reliability assessment, followed by software limitation and operating procedure as shown in Figure 4.

Figure 2: Daily Exceptional Dispatch Volume from November 2019 to February 2020

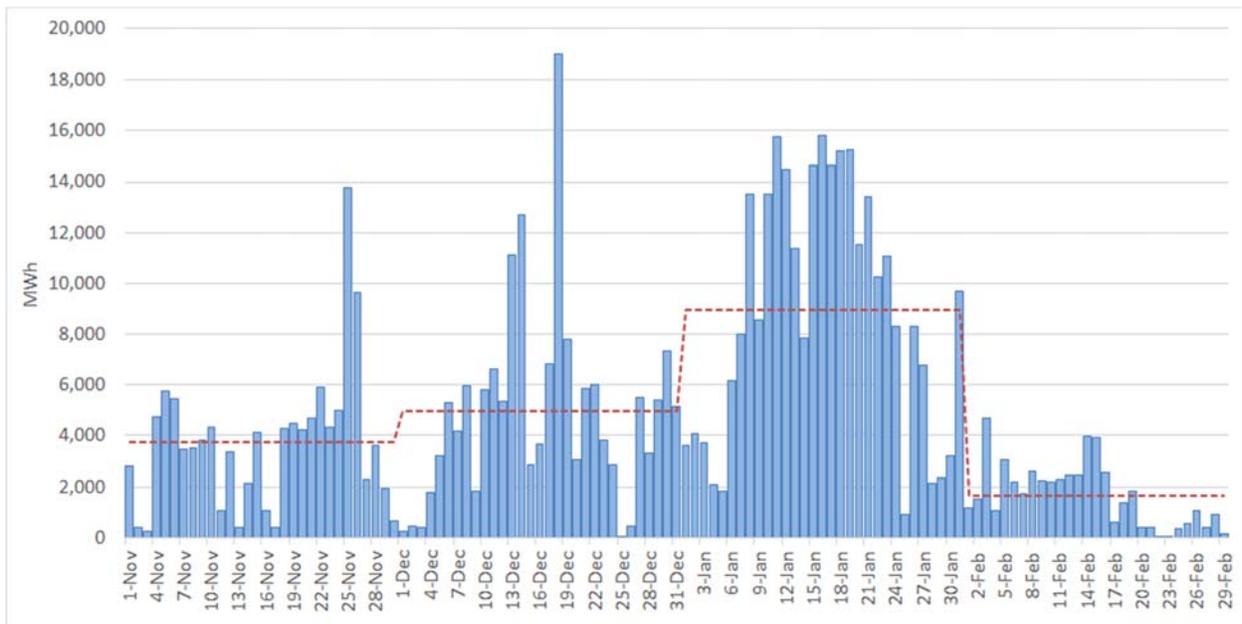


Figure 4, shows the hourly pattern of exceptional dispatch volume for November 2019 to February 2020.

Figure 3: Daily Exceptional Dispatch Volume for November 2019 to February 2020 by Reason

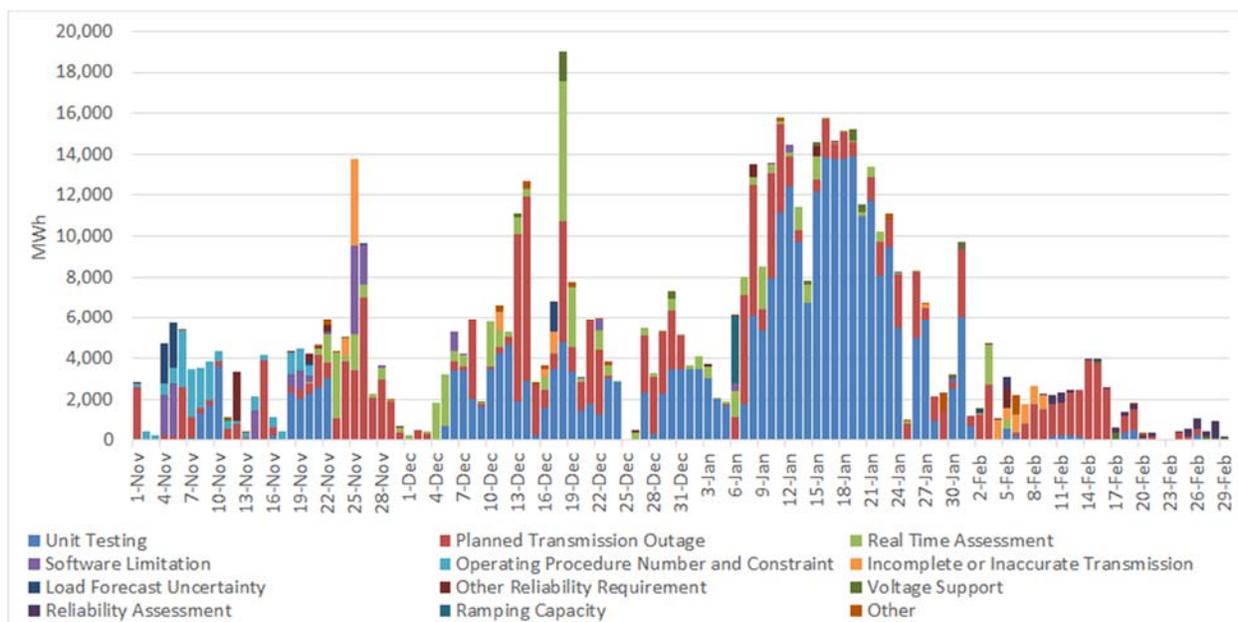
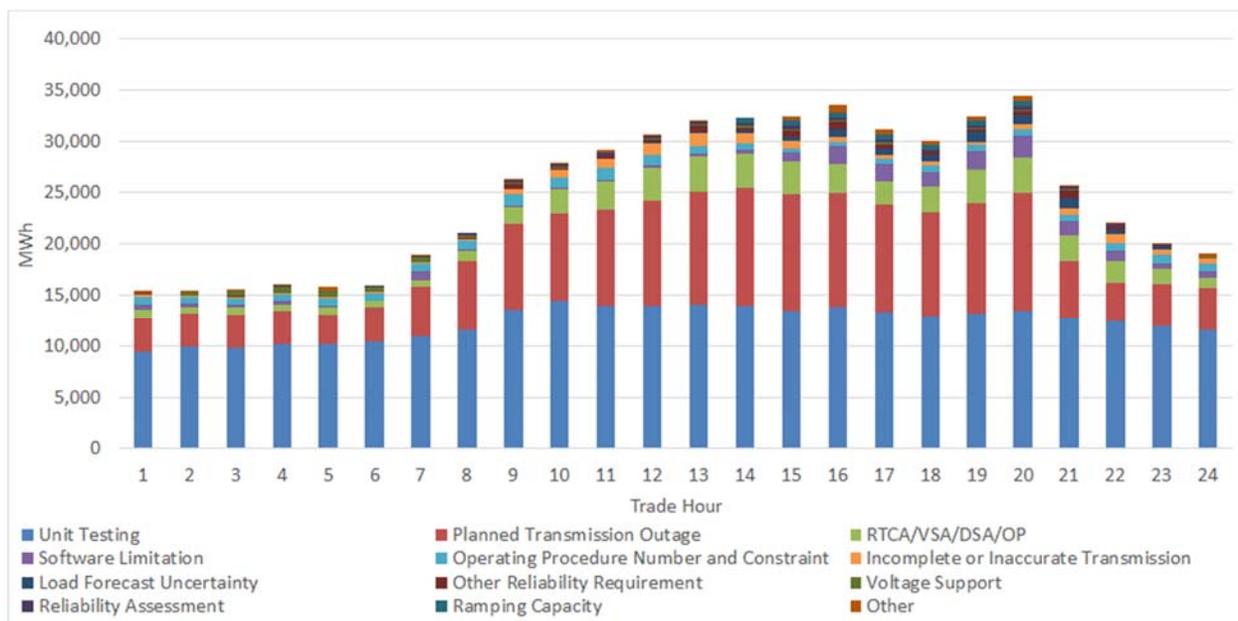


Figure 4: Hourly Exceptional Dispatch Volume for November 2019 to February 2020 by Reason



In addition to the 120-day report and to comply with Commission directives and inform the market, the CAISO produces and files the Table 1 and Table 2 monthly exceptional dispatch reports in Docket No. ER08-1178. Prior to January 15, 2020, the Table 1 report had been filed on the 15th day of every month and the Table 2 report had been filed on the 30th day of every

month. Because the necessary information is available, on January 15, 2020 the CAISO began issuing the Table 1 and Table 2 reports on the 15th day of every month. The CAISO has filed the Table 1 and Table 2 reports on the regular monthly schedule during the period from February 2014 through February 2020. These monthly reports provide the market with the most recent summary of exceptional dispatch activity and associated costs. The monthly reports are also available on the CAISO's website at:

<http://www.aiso.com/market/Pages/ReportsBulletins/Default.aspx>.

The CAISO also publishes a monthly market performance report at: <http://www.aiso.com/market/Pages/ReportsBulletins/Default.aspx>. This monthly report highlights the frequency and cost of exceptional dispatch as a subset of the broader category of operator intervention. The report is published approximately three weeks after the end of every month and is based on preliminary settlement data available about 10 days after the end of the month.

Additional information is also explained in greater detail in the Market Performance Metric Catalog that the CAISO issues on a monthly basis. This report provides the explanation and context for each market metric, including information on exceptional dispatch. It is available at: <http://www.aiso.com/market/Pages/ReportsBulletins/Default.aspx>.

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 12th day of March, 2020.

Is/ Anna Pascuzzo
Anna Pascuzzo