Price Correction Report
Week of Mar 21 – 25, 2022

Overview

This document is intended to meet the requirements of ISO Tariff section 35.6, and provides the Market Participants with a summary of all price corrections that occured during the week. For example, report titled with May 5-9, 2014 will cover all corrections made during the week of May 5-9. In a normal situation, it will include trade dates that have price corrections which are due between May 5-9, 2014 based on the five business day for Real-Time market and three business day for Day-Ahead market.

The structure of the report is as follows:
- Price correction listing – this section includes a listing of all the corrections, including market intervals affected, locations, reason (which would tie back to the description of issues section), and method of price correction.
- Description of Issues – this section describes each issue which resulted in a correction in more detail.
- Price-fill report – metrics on the number of empty price intervals that were filled by adjacent interval prices, usually due to failed runs.

For the week covered by this report, **633** intervals were corrected.

The trade dates covered by this report are:

DAM: 03/16/2022 – 03/22/2022
RTM: 03/14/2022 – 03/20/2022

Correction methodologies
The following are the definitions of the correction methodologies used:

Selective recalculation: The CAISO will selectively recalculate incorrect financially binding prices when the invalid prices are isolated and can be corrected such that no other financially binding prices are affected by the correction.

System recalculation: The CAISO will recalculate all prices for the invalidated market interval using corrected or recreated input data, or repaired software as applicable.

Replacement: If the above correction methods are not applicable and practicable, the CAISO shall use, in place of prices for the binding interval of an invalidated market solution, replicated prices from binding or advisory intervals from the validated market solution in which the market conditions were most similar to the market conditions in the invalidated market solution for the affected interval.

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Price Correction Listing

The following is a list of the corrections made during the week, provided with date and time. The number to the left of the reason field corresponds to the issue number in the Description of Issues section. The count of corrected Pnode/Apnode for each corrected interval is listed left to the Affected Location field. In case of many intervals with the same correction reason, instead of providing the exact count of corrected Pnode/Apnode, the range of Pnode/Apnode affected is provided and listed in another table. Please note that there are only flex ramp prices corrections or AS price corrections for those intervals that have the Count of Corrected Pnode/Apnode column missing.

Corrections made through Selective Recalculation: 633

Date	HE	Intervals	Market	#	Reason	Number of corrected Pnodes/Apnodes	Affected Area
03/14/2022	17	5	RTD	1	Data Input Error	10674	Local
03/14/2022	17	6	RTD	1	Data Input Error	10660	Local
03/14/2022	8	1-2	RTD	1	Data Input Error	10615	Local
03/14/2022	9	4-5	RTD	1	Data Input Error	10634	Local
03/14/2022	9	6	RTD	1	Data Input Error	10640	Local
03/14/2022	9	8	RTD	1	Data Input Error	10644	Local
03/14/2022	9	9	RTD	1	Data Input Error	10651	Local
03/14/2022	10	1	RTPD	3	Software Defect	737	Local
03/14/2022	17	2	RTPD	1	Data Input Error	10672	Local
03/14/2022	17	3	RTPD	1	Data Input Error	10641	Local
03/14/2022	17	4	RTPD	1	Data Input Error	10620	Local
03/14/2022	18	1	RTPD	1	Data Input Error	10613	Local
03/14/2022	18	2	RTPD	1	Data Input Error	10612	Local
03/14/2022	9	3	RTPD	1	Data Input Error	10634	Local
03/14/2022	9	4	RTPD	1	Data Input Error	10656	Local
03/15/2022	16	8-12	RTD	2	Data Input Error	30	Local
03/15/2022	17-20, 22-23	1-12	RTD	2	Data Input Error	30	Local
03/15/2022	21	1-2, 12	RTD	2	Data Input Error	30	Local
03/15/2022	24	1-10, 12	RTD	2	Data Input Error	30	Local
03/15/2022	11	3	RTPD	3	Software Defect	80	Local
03/15/2022	17	2-4	RTPD	2	Data Input Error	30	Local
03/15/2022	18	1	RTPD	1	Data Input Error	10631	Local
03/15/2022	18	2	RTPD	1	Data Input Error	10647	Local
03/15/2022	18-21, 23-24	1-4	RTPD	2	Data Input Error	30	Local
03/15/2022	22	4	RTPD	2	Data Input Error	30	Local
03/16/2022	10	0	DA	1	Data Input Error	5302	Local
03/16/2022	11	0	DA	1	Data Input Error	5454	Local
03/16/2022	14	0	DA	1	Data Input Error	5316	Local
03/16/2022	15	0	DA	1	Data Input Error	5323	Local
03/16/2022	16	0	DA	1	Data Input Error	5424	Local
03/16/2022	17	0	DA	1	Data Input Error	5289	Local
03/16/2022	18	0	DA	1	Data Input Error	5397	Local
03/16/2022	19	0	DA	1	Data Input Error	5413	Local
03/16/2022	20	0	DA	1	Data Input Error	5353	Local
03/16/2022	8	0	DA	1	Data Input Error	5183	Local

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03/16/2022	9	0	DA	1	Data Input Error	5275	Local
03/16/2022	1-3, 14-20, 22	1-12	RTD	2	Data Input Error	30	Local
03/16/2022	13	12	RTD	2	Data Input Error	30	Local
03/16/2022	15	12	RTD	3	Software Defect	69	Local
03/16/2022	21	1-10, 12	RTD	2	Data Input Error	30	Local
03/16/2022	23	1-5, 10-12	RTD	2	Data Input Error	30	Local
03/16/2022	24	1-2, 4-5	RTD	2	Data Input Error	30	Local
03/16/2022	4	1-10	RTD	2	Data Input Error	30	Local
03/16/2022	1-5, 15-22	1-4	RTPD	2	Data Input Error	30	Local
03/16/2022	6	4	RTPD	2	Data Input Error	30	Local
03/16/2022	7	1-2	RTPD	2	Data Input Error	30	Local
03/16/2022	8, 14, 23	3-4	RTPD	2	Data Input Error	30	Local
03/16/2022	9	1, 4	RTPD	2	Data Input Error	30	Local
03/17/2022	10	0	DA	1	Data Input Error	5538	Local
03/17/2022	11	0	DA	1	Data Input Error	5382	Local
03/17/2022	12-13	0	DA	1	Data Input Error	5504	Local
03/17/2022	14	0	DA	1	Data Input Error	5526	Local
03/17/2022	15	0	DA	1	Data Input Error	5505	Local
03/17/2022	16	0	DA	1	Data Input Error	5638	Local
03/17/2022	17	0	DA	1	Data Input Error	5626	Local
03/17/2022	18	0	DA	1	Data Input Error	5646	Local
03/17/2022	9	0	DA	1	Data Input Error	5553	Local
03/17/2022	11	9	RTD	3	Software Defect	14091	Local
03/18/2022	2	1-7, 9	RTD	2	Data Input Error	30	Local
03/18/2022	2	4	RTPD	2	Data Input Error	30	Local
03/18/2022	3	3	RTPD	2	Data Input Error	30	Local
03/19/2022	17	4-9	RTD	2	Data Input Error	30	Local
03/20/2022	1-24	0	DA	2	Data Input Error	1	Local
03/20/2022	10	10-12	RTD	2	Data Input Error	30	Local
03/20/2022	11	1-2, 8,11-12	RTD	2	Data Input Error	30	Local
03/20/2022	13	6-12	RTD	2	Data Input Error	30	Local
03/20/2022	17	1,4-12	RTD	2	Data Input Error	30	Local
03/20/2022	23	1-2, 4-8, 10	RTD	2	Data Input Error	30	Local
03/20/2022	4	5-6, 9	RTD	2	Data Input Error	30	Local
03/20/2022	5, 14-16, 18-22	1-12	RTD	2	Data Input Error	30	Local
03/20/2022	6	1-6, 9-12	RTD	2	Data Input Error	30	Local
03/20/2022	7	4-8, 11	RTD	2	Data Input Report	30	Local
03/20/2022	8	3-4, 8, 12	RTD	2	Data Input Error	30	Local
03/20/2022	9	1	RTD	2	Data Input Error	30	Local
03/20/2022	23	1-2, 4	RTPD	2	Data Input Error	30	Local
03/20/2022	4	3-4	RTPD	2	Data Input Error	30	Local
03/20/2022	5-6, 18-20, 22	1-4	RTPD	2	Data Input Error	30	Local
03/20/2022	7, 16	3	RTPD	2	Data Input Error	30	Local
03/20/2022	8, 21	1, 3-4	RTPD	2	Data Input Error	30	Local
03/20/2022	9	4	RTPD	2	Data Input Error	30	Local
03/21/2022	1-2	0	DA	2	Data Input Error	1	Local

Corrections made through Interval Replacement: 0

Corrections made through Market Rerun: 0

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Description of Issues:

1. **Data Input Error:**
   - Invalid congestion on OMS_11291263_Metcalf_Import_BG due to a data input error related to outage modeling.

   Prices were corrected by Selective Recalculation.

2. **Data Input Error:**
   - Invalid price due to a data input error impacting the mapping of the resource financial location.

   Prices were corrected by Selective Recalculation.

3. **Software Defect:**
   - Invalid shadow price due to a software defect impacting pricing formation.

   Prices were corrected by Selective Recalculation.

Price Fill Report

A price fill occurs whenever a market run failed to publish to the Settlement system. This usually occurs whenever a market run failed, for example when a market fails to come to a solution. It could also occur when an operator decides that a market is not to be run, for example during a contingency event. Automatic price fills also occur in real-time when an operator chooses to utilize the previous interval's solution for the current interval.

Prices are filled according to the rules in CAISO Tariff section 7.7.9 which states that administrative pricing applies to intervals where we have had a market disruption, and requires the prices to be set differently depending on the number of consective market distrputions.

The number of prices which were adjusted by the fill process is as follows.

Total number of filled price intervals: 15

Date	HE	Intervals	Market
03/14/2022	15	7	RTD
03/14/2022	15	8	RTD
03/14/2022	15	9	RTD
03/14/2022	15	10	RTD
03/14/2022	15	11	RTD
03/14/2022	15	12	RTD
03/14/2022	16	1	RTD
03/14/2022	16	8	RTD
03/14/2022	16	9	RTD
03/14/2022	16	10	RTD
03/14/2022	16	2	RTPD
03/14/2022	17	1	RTPD
03/16/2022	24	11	RTD
03/16/2022	24	12	RTD
03/17/2022	1	1	RTPD

Note: Intervals filled are subject to subsequent price corrections where applicable.

Disconnected Pnode Report

According to Congestion Revenue Rights BPM Section 15, when the IFM cannot identify an electrically connected PNODE within the fixed level of proximity, a post process will be performed to determine the next closest electrically connected PNode and replace the LMP of the disconnected PNode with this price. This price update will be done within the DAM price correction timeline.

The number of prices which were adjusted by the disconnected Pnode process is as follows.

Total number of hours with disconnected pnode price update: 0