Price Correction Report
Week of Feb 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, **82** intervals were corrected.

The trade dates covered by this report are:

DAM: 02/16/2022 – 02/22/2022
RTM: 02/14/2022 – 02/17/2022

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: 81

Date	HE	Intervals	Market	#	Reason	Number of corrected Pnodes/Apnodes	Affected Area
02/15/2022	11	10	RTD	1	Data Input Error	1569	Local
02/15/2022	11	11	RTD	1	Data Input Error	1566	Local
02/15/2022	12	1	RTD	1	Data Input Error	1662	Local
02/15/2022	12	10-12	RTD	1	Data Input Error	1614	Local
02/15/2022	12	2-3	RTD	1	Data Input Error	1663	Local
02/15/2022	12	4	RTD	1	Data Input Error	1620	Local
02/15/2022	12	5-6	RTD	1	Data Input Error	1617	Local
02/15/2022	12	7, 9	RTD	1	Data Input Error	1619	Local
02/15/2022	12	8	RTD	1	Data Input Error	1618	Local
02/15/2022	13	1,6, 9-11	RTD	1	Data Input Error	1610	Local
02/15/2022	13	2	RTD	1	Data Input Error	1602	Local
02/15/2022	13	3	RTD	1	Data Input Error	1603	Local
02/15/2022	13	4-5	RTD	1	Data Input Error	1599	Local
02/15/2022	12	2	RTPD	1	Data Input Error	1662	Local
02/15/2022	12	4	RTPD	1	Data Input Error	1618	Local
02/15/2022	13	3	RTPD	1	Data Input Error	1611	Local
02/15/2022	13	4	RTPD	1	Data Input Error	1	Local
02/16/2022	10	10	RTD	2, 1	Software Defect, Data Input Error	2474	Local
02/16/2022	10	11	RTD	2	Software Defect	1169	Local
02/16/2022	10	12	RTD	2	Software Defect	1177	Local
02/16/2022	10	4	RTD	2	Software Defect	1151	Local
02/16/2022	10	5	RTD	2	Software Defect	1148	Local
02/16/2022	10	6	RTD	2	Software Defect	1147	Local
02/16/2022	10	7	RTD	2	Software Defect	1153	Local
02/16/2022	10	8	RTD	2	Software Defect	1156	Local
02/16/2022	10	9	RTD	2, 1	Software Defect, Data Input Error	2483	Local
02/16/2022	11	1-2	RTD	2	Software Defect	1164	Local
02/16/2022	11	10-11	RTD	2, 1	Software Defect, Data Input Error	2521	Local
02/16/2022	11	12	RTD	2, 1	Software Defect, Data Input Error	2524	Local
02/16/2022	11	3	RTD	2	Software Defect	1165	Local
02/16/2022	11	4-5	RTD	2	Software Defect	1168	Local

02/16/2022	11	6	RTD	2	Software Defect	1185	Local
02/16/2022	11	7	RTD	2, 1	Software Defect, Data Input Error	2516	Local
02/16/2022	11	8	RTD	2	Software Defect	1210	Local
02/16/2022	11	9	RTD	2, 1	Software Defect, Data Input Error	2517	Local
02/16/2022	12	1-4, 6	RTD	2	Software Defect	1131	Local
02/16/2022	12	5	RTD	2, 1	Software Defect, Data Input Error	2552	Local
02/16/2022	12	7-8	RTD	1	Data Input Error	1999	Local
02/16/2022	17	6	RTD	1	Data Input Error	33	Local
02/16/2022	18	1-4	RTD	2	Software Defect	718	Local
02/16/2022	18	5	RTD	2	Software Defect	719	Local
02/16/2022	18	6	RTD	2	Software Defect	741	Local
02/16/2022	18	7-8	RTD	2	Software Defect	748	Local
02/16/2022	18	9	RTD	2	Software Defect	752	Local
02/16/2022	5	11	RTD	2	Software Defect	738	Local
02/16/2022	5	12	RTD	2	Software Defect	1284	Local
02/16/2022	7	12	RTD	2	Software Defect	761	Local
02/16/2022	9	12	RTD	2	Software Defect	1171	Local
02/16/2022	10	3	RTPD	2	Software Defect	223	Local
02/16/2022	10	4	RTPD	2	Software Defect	1156	Local
02/16/2022	11	1-2	RTPD	2	Software Defect	1165	Local
02/16/2022	11	3	RTPD	2	Software Defect	1154	Local
02/16/2022	11	4	RTPD	2	Software Defect	1193	Local
02/16/2022	12	1	RTPD	2	Software Defect	941	Local
02/16/2022	12	2	RTPD	2	Software Defect	224	Local
02/16/2022	12	3	RTPD	2	Software Defect	718	Local
02/16/2022	6	2	RTPD	2	Software Defect	1233	Local
02/16/2022	9	4	RTPD	2	Software Defect	208	Local

Corrections made through Interval Replacement: 1

Date	HE	Intervals	Market	#	Reason	Affected Area
02/16/2022	16	0	RUC	3	Software Defect	System

Corrections made through Market Rerun: 0

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Description of Issues:

1. **Data Input Error:**
   - Invalid congestion on GON-IPP 230 due to a data input error related to switch status.

   Prices were corrected by Selective Recalculation.

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

   Prices were corrected by Selective Recalculation.

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

   Prices were corrected by Interval Replacement.

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.

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Total number of filled price intervals: 6

Date	HE	Intervals	Market
02/17/2022	14	7	RTD
02/17/2022	15	8	RTD
02/17/2022	15	9	RTD
02/17/2022	15	10	RTD
02/17/2022	15	1	RTPD
02/17/2022	16	2	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