

Price Correction Report

Week of Feb 28 – Mar 04, 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 occurred 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, **603** intervals were corrected.

The trade dates covered by this report are:

DAM: 02/23/2022 – 03/01/2022

RTM: 02/18/2022 – 02/27/2022

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: 601

Date	HE	Intervals	Market	#	Reason	Number of corrected Pnodes/Apnodes	Affected Area
02/18/2022	7	1	RTD	4	Software Defect	945	Local
02/18/2022	7	2	RTPD	4	Software Defect	761	Local
02/19/2022	1	7-9	RTD	4	Software Defect	1042	Local
02/19/2022	14	10,12	RTD	2	Data Input Error	12714	Local
02/19/2022	14	11	RTD	2	Data Input Error	12710	Local
02/19/2022	15	1-3	RTD	2	Data Input Error	12703	Local
02/19/2022	15	4-6	RTD	2	Data Input Error	12677	Local
02/19/2022	15	7-8	RTD	2	Data Input Error	12720	Local
02/19/2022	17	10	RTD	4, 2	Software Defect, Data Input Error	12790	Local
02/19/2022	17	11	RTD	2	Data Input Error	12733	Local
02/19/2022	17	12	RTD	4	Software Defect	1073	Local
02/19/2022	17	2-3,9	RTD	2	Data Input Error	12710	Local
02/19/2022	17	4	RTD	2	Data Input Error	12701	Local
02/19/2022	17	5,8	RTD	2	Data Input Error	12706	Local
02/19/2022	17	6	RTD	2	Data Input Error	1460	Local
02/19/2022	18	1	RTD	2	Data Input Error	12648	Local
02/19/2022	18	10-11	RTD	2	Data Input Error	12521	Local
02/19/2022	18	12	RTD	2	Data Input Error	12524	Local
02/19/2022	18	2-3	RTD	2	Data Input Error	12649	Local
02/19/2022	18	4-5	RTD	2	Data Input Error	12539	Local
02/19/2022	18	6	RTD	2	Data Input Error	12541	Local
02/19/2022	18	7-8	RTD	2	Data Input Error	12556	Local
02/19/2022	18	9	RTD	2	Data Input Error	12557	Local
02/19/2022	19	1-2	RTD	2	Data Input Error	12549	Local
02/19/2022	19	10-11	RTD	2	Data Input Error	12625	Local
02/19/2022	19	12	RTD	2	Data Input Error	12627	Local
02/19/2022	19	3	RTD	2	Data Input Error	12550	Local
02/19/2022	19	4	RTD	2	Data Input Error	12548	Local
02/19/2022	19	5	RTD	2	Data Input Error	12243	Local
02/19/2022	19	6,9	RTD	2	Data Input Error	12648	Local
02/19/2022	19	7-8	RTD	2	Data Input Error	12646	Local
02/19/2022	2	11	RTD	4	Software Defect	743	Local
02/19/2022	2	7-9	RTD	4	Software Defect	1041	Local

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02/19/2022	20	1-3	RTD	2	Data Input Error	12595	Local
02/19/2022	20	10-11	RTD	2	Data Input Error	12639	Local
02/19/2022	20	12	RTD	2	Data Input Error	12641	Local
02/19/2022	20	4-6	RTD	2	Data Input Error	12630	Local
02/19/2022	20	7-9	RTD	2	Data Input Error	12636	Local
02/19/2022	21	1	RTD	2	Data Input Error	12646	Local
02/19/2022	21	10-11	RTD	2	Data Input Error	12733	Local
02/19/2022	21	12	RTD	2	Data Input Error	12734	Local
02/19/2022	21	2-3	RTD	2	Data Input Error	12647	Local
02/19/2022	21	4-5	RTD	2	Data Input Error	12665	Local
02/19/2022	21	6	RTD	2	Data Input Error	12667	Local
02/19/2022	21	7-9	RTD	2	Data Input Error	12686	Local
02/19/2022	22	1	RTD	2	Data Input Error	12674	Local
02/19/2022	22	10-11	RTD	2	Data Input Error	12675	Local
02/19/2022	22	12	RTD	2	Data Input Error	12678	Local
02/19/2022	23	10-12	RTD	2	Data Input Error	12730	Local
02/19/2022	23	7-9	RTD	2	Data Input Error	12723	Local
02/19/2022	24	1-3	RTD	2	Data Input Error	12720	Local
02/19/2022	24	4-5	RTD	2	Data Input Error	29	Local
02/19/2022	3	10-11	RTD	4	Software Defect	1049	Local
02/19/2022	3	12	RTD	4	Software Defect	1051	Local
02/19/2022	3	2-6	RTD	4	Software Defect	1042	Local
02/19/2022	3	7-8	RTD	4	Software Defect	746	Local
02/19/2022	3	9	RTD	4	Software Defect	748	Local
02/19/2022	4	2-5,8	RTD	4	Software Defect	1044	Local
02/19/2022	4	6	RTD	4	Software Defect	747	Local
02/19/2022	4	7	RTD	4	Software Defect	1045	Local
02/19/2022	4	9	RTD	4	Software Defect	1046	Local
02/19/2022	5	10	RTD	4	Software Defect	1091	Local
02/19/2022	5	11	RTD	4	Software Defect	1090	Local
02/19/2022	5	12	RTD	4	Software Defect	1095	Local
02/19/2022	5	4-9	RTD	4	Software Defect	1050	Local
02/19/2022	6	1	RTD	4	Software Defect	1112	Local
02/19/2022	6	10	RTD	4	Software Defect	1118	Local
02/19/2022	6	2	RTD	4	Software Defect	1115	Local
02/19/2022	6	3,7	RTD	4	Software Defect	1114	Local
02/19/2022	6	4-5	RTD	4	Software Defect	1108	Local
02/19/2022	6	6,8	RTD	4	Software Defect	1116	Local
02/19/2022	6	9,11	RTD	4	Software Defect	1117	Local
02/19/2022	7	1	RTD	4	Software Defect	1047	Local
02/19/2022	17	1	RTPD	2	Data Input Error	12716	Local
02/19/2022	17	2	RTPD	2	Data Input Error	12706	Local
02/19/2022	17	3	RTPD	2	Data Input Error	12712	Local
02/19/2022	18	1	RTPD	2	Data Input Error	12709	Local
02/19/2022	18	2	RTPD	2	Data Input Error	12528	Local
02/19/2022	18	3	RTPD	2	Data Input Error	12544	Local
02/19/2022	19	1	RTPD	2	Data Input Error	12541	Local
02/19/2022	19	2	RTPD	2	Data Input Error	12548	Local
02/19/2022	19	3	RTPD	2	Data Input Error	12549	Local
02/19/2022	19	4	RTPD	2	Data Input Error	12570	Local
02/19/2022	2	3	RTPD	4	Software Defect	748	Local
02/19/2022	20	1	RTPD	2	Data Input Error	12640	Local
02/19/2022	20	2-3	RTPD	2	Data Input Error	12631	Local
02/19/2022	20	4	RTPD	2	Data Input Error	12639	Local
02/19/2022	21	1	RTPD	2	Data Input Error	12642	Local
02/19/2022	21	2	RTPD	2	Data Input Error	11078	Local
02/19/2022	21	3	RTPD	2	Data Input Error	12673	Local
02/19/2022	21	4	RTPD	2	Data Input Error	9929	Local
02/19/2022	22	1	RTPD	2	Data Input Error	12667	Local

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02/19/2022	22	2-3	RTPD	2	Data Input Error	12674	Local
02/19/2022	23	1	RTPD	2	Data Input Error	29	Local
02/19/2022	24	2	RTPD	2	Data Input Error	12732	Local
02/19/2022	3	3	RTPD	4	Software Defect	1044	Local
02/19/2022	4	3	RTPD	4	Software Defect	1046	Local
02/19/2022	6	3	RTPD	4	Software Defect	1090	Local
02/20/2022	6	1	RTD	2	Data Input Error	9778	Local
02/20/2022	6	2	RTD	2	Data Input Error	12471	Local
02/20/2022	6	3	RTD	2	Data Input Error	11912	Local
02/20/2022	6	4	RTD	2	Data Input Error	9567	Local
02/20/2022	6	5	RTD	2	Data Input Error	9219	Local
02/20/2022	6	6	RTD	2	Data Input Error	9569	Local
02/20/2022	6	7-8	RTD	2	Data Input Error	9582	Local
02/20/2022	7	10-11	RTD	2	Data Input Error	12873	Local
02/20/2022	8	1	RTD	2	Data Input Error	12936	Local
02/20/2022	8	2	RTD	2	Data Input Error	12939	Local
02/20/2022	8	3	RTD	2	Data Input Error	12937	Local
02/20/2022	9	11	RTD	2	Data Input Error	12859	Local
02/20/2022	9	12	RTD	2	Data Input Error	12855	Local
02/20/2022	6	3	RTPD	2	Data Input Error	12168	Local
02/21/2022	10	4-5	RTD	4	Software Defect	168	Local
02/21/2022	10	6	RTD	4	Software Defect	170	Local
02/21/2022	14	9-12	RTD	3	Data Input Error	2	Local
02/21/2022	15-24	1-12	RTD	3	Data Input Error	2	Local
02/21/2022	10	2	RTPD	4	Software Defect	11422	Local
02/21/2022	10	3	RTPD	4	Software Defect	148	Local
02/21/2022	10	4	RTPD	4	Software Defect	147	Local
02/21/2022	11	2	RTPD	4	Software Defect	214	Local
02/21/2022	11	3	RTPD	4	Software Defect	219	Local
02/21/2022	15	3-4	RTPD	3	Data Input Error	2	Local
02/21/2022	16	2-4	RTPD	3	Data Input Error	2	Local
02/21/2022	17-24	1-4	RTPD	3	Data Input Error	2	Local
02/22/2022	1-16	1-12	RTD	3	Data Input Error	2	Local
02/22/2022	1-16	1-4	RTPD	3	Data Input Error	2	Local

Corrections made through Interval Replacement: 2

Date	HE	Intervals	Market	#	Reason	Affected Area
02/19/2022	17 – 18	4	RTPD	1	Data Input Error	System

Corrections made through Market Rerun: 0

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Description of Issues:

1. Data Input Error:

- Invalid congestion on SYLMAR-AC_BG due to a data input error impacting constraint enforcement.

Prices were corrected by Interval Replacement.

2. Data Input Error:

- Invalid congestion on SYLMAR-AC_BG due to a data input error impacting constraint enforcement.

Prices were corrected by Selective Recalculation.

3. Data Input Error:

- Invalid congestion on the ITC due to a data input error impacting the ITC limit.

Prices were corrected by Selective Recalculation.

4. 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 consecutive market disruptions.

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

Total number of filled price intervals: 21

Date	HE	Intervals	Market
02/23/2022	17	6	RTD
02/23/2022	17	7	RTD
02/23/2022	17	8	RTD
02/23/2022	17	9	RTD
02/23/2022	17	10	RTD
02/23/2022	17	11	RTD
02/23/2022	24	1	RTD
02/23/2022	24	2	RTD
02/23/2022	24	3	RTD
02/24/2022	2	7	RTD
02/24/2022	2	8	RTD
02/24/2022	2	9	RTD
02/24/2022	2	10	RTD
02/24/2022	2	11	RTD
02/24/2022	2	12	RTD
02/24/2022	3	1	RTD
02/24/2022	3	1	RTPD
02/24/2022	3	2	RTPD
02/27/2022	23	6	RTD
02/27/2022	23	7	RTD
02/27/2022	23	8	RTD

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