

Attachment A – Clean Tariff

Tariff Amendment – Implement Order No. 881 Managing Transmission Line Ratings

California Independent System Operator Corporation

February 6, 2025

Section 6

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6.5.10.1.6 Transmission Line Ratings

The CAISO will provide access to a database of Transmission Line Ratings, Transmission Line Rating methodologies, and related information as described in Section 6.5.17.

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Appendix JJ

Transmission Line Ratings

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Part 2 – CAISO Use of Transmission Line Ratings

Day-Ahead Market

Unless an exception applies, the CAISO will use Ambient Adjusted Ratings, Dynamic Line Ratings, or alternate ratings validated and submitted by a Participating Transmission Owner or an EDAM Entity. Ambient Adjusted Ratings should reflect hourly values for each Trading Hour of the Trading Day. For purposes of the Day-Ahead Market, a Participating Transmission Owner or an EDAM Entity may submit Ambient Adjusted Ratings using the communication system described in the applicable Business Practice Manual or Operating Procedures. Subject to any Outage ratings on a transmission line, the CAISO will incorporate updated hourly Ambient Adjusted Ratings in its Base Market Model for the Day-Ahead Market prior to running to Day-Ahead Market. If for any reason communications with the CAISO are disrupted and prevent a Participating Transmission Owner or EDAM Entity from submitting, or the CAISO from receiving, the applicable Transmission Line Rating, or a data input failure occurs, or a hardware or software failure occurs, the CAISO will use the last applicable Ambient Adjusted Rating received for the relevant Transmission Line for the applicable Trading Hour if doing so is in accordance with Good Utility Practice. Alternatively, the CAISO will use the Seasonal Rating for the relevant Transmission Line for the applicable Trading Hour. If the CAISO detects an apparent inaccurate transmission line rating, the CAISO will inform the Participating Transmission Owner or EDAM Entity and take appropriate actions to resolve any inaccuracy, including use of an alternate rating specified by the Participating Transmission Owner or EDAM Entity.

Real-Time Market

Unless an exception applies, the CAISO will use Ambient Adjusted Ratings, Dynamic Line Ratings, or alternate ratings validated and submitted by a Participating Transmission Owner, EDAM Entity, or an EIM Entity as the relevant Transmission Line Ratings in its Base Market Model for the Real-Time Market. Ambient Adjusted Ratings should reflect equal values across each fifteen-minute interval of a Trading Hour. A Participating Transmission Owner, EDAM Entity, or EIM Entity may submit Ambient Adjusted Ratings using the communication system described in the applicable Business Practice Manual or Operating Procedures. Subject to any Outage ratings on a transmission line, the CAISO will incorporate updated hourly Ambient Adjusted Ratings in its Base Market Model for the Real-Time Market each hour for a rolling six-hour period. If for any reason communications with the CAISO are disrupted and prevent a Participating Transmission Owner, EDAM Entity, or EIM Entity from submitting, or the CAISO from receiving, the applicable Transmission Line Rating, or a data input failure occurs, or a hardware or software failure occurs, the CAISO will use the last applicable Ambient Adjusted Rating received for the relevant Transmission Line for the applicable Trading Hour or, if none exists, the Seasonal Rating for the relevant Transmission Line for the applicable Trading Hour. If the CAISO detects an apparent inaccurate

Transmission Line Rating, the CAISO will inform the Participating Transmission Owner, EDAM Entity, or EIM Entity and take appropriate actions to resolve any inaccuracy, including use of an alternate rating specified by the Participating Transmission Owner, EDAM Entity, or EIM Entity.

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Attachment B – Marked Tariff, against ER22-2362 language

Tariff Amendment – Implement Order No. 881 Managing Transmission Line Ratings

California Independent System Operator Corporation

February 6, 2025

NOTE: The black language below is FERC-approved but still pending a future effective date in docket number ER22-2362. The redline edits below are the proposed changes from this filing.

Section 6

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6.5.10.1.6 Transmission Line Ratings

The CAISO will provide access to a database of Transmission Line Ratings, Transmission Line Rating methodologies, and related information as described in Section 6.5.17.

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Appendix JJ

Transmission Line Ratings

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Part 2 – CAISO Use of Transmission Line Ratings

Day-Ahead Market

Unless an exception applies, the CAISO will use Ambient Adjusted Ratings, Dynamic Line Ratings, or alternate ratings validated and submitted by a Participating Transmission Owner or an EDAM Entity ~~no later than 9:00 a.m. Pacific Time on the day before a Trading Day as the relevant Transmission Line Ratings in its Base Market Model for the Day-Ahead Market.~~ Ambient Adjusted Ratings should reflect hourly values for each Trading Hour of the Trading Day. For purposes of the Day-Ahead Market, a Participating Transmission Owner or an EDAM Entity ~~may submit Ambient Adjusted Ratings using SCADA, ICCP or similar the communication systems as~~ described in the applicable Business Practice Manual or Operating Procedures. Subject to any Outage ratings on a transmission line, the CAISO will incorporate updated hourly Ambient Adjusted Ratings in its Base Market Model for the Day-Ahead Market prior to running to Day-Ahead Market. If, for any reason, communications ~~between a Participating Transmission Owner and with~~ the CAISO are disrupted and prevent a Participating Transmission Owner or EDAM Entity from submitting, or the CAISO ~~from~~ receiving, the applicable Transmission Line Rating, or a data input failure occurs, or a hardware or software failure occurs, the CAISO will use the last applicable Ambient Adjusted Rating received for the relevant Transmission Line for the applicable Trading Hour if doing so is in accordance with Good Utility Practice. Alternatively, the CAISO will use the CAISO will use the Seasonal Rating for the relevant Transmission Line for the applicable Trading Hour. If the CAISO detects an apparent inaccurate transmission line rating, the CAISO will inform the Participating Transmission Owner or EDAM Entity and take appropriate actions to resolve any inaccuracy, including use of an alternate rating specified by the Participating Transmission Owner or EDAM Entity.

Real-Time Market

Unless an exception applies, the CAISO will use Ambient Adjusted Ratings, Dynamic Line Ratings, or alternate ratings validated and submitted by a Participating Transmission Owner, EDAM Entity, or an EIM Entity ~~no later than 5 (five) hours before a Trading Hour~~ as the relevant Transmission Line Ratings in its Base Market Model for the Real-Time Market. Ambient Adjusted Ratings should reflect equal values across each fifteen-minute interval of a Trading Hour. A Participating Transmission Owner, EDAM Entity, or EIM Entity ~~may submit Ambient Adjusted Ratings using SCADA, ICCP or similar the communication systems as~~ described in the applicable Business Practice Manual or Operating Procedures. Subject to any Outage ratings on a transmission line, the CAISO will incorporate updated

hourly Ambient Adjusted Ratings in its Base Market Model for the Real-Time Market each hour for a rolling six-hour period. If, for any reason, communications with the CAISO are disrupted and prevent a Participating Transmission Owner, EDAM Entity, or EIM Entity from submitting, or the CAISO from receiving, the applicable Transmission Line Rating, or a data input failure occurs, or a hardware or software failure occurs, the CAISO will use the last applicable Ambient Adjusted Rating received for the relevant Transmission Line for the applicable Trading Hour or, if none exists, the Seasonal Rating for the relevant Transmission Line for the applicable Trading Hour. If the CAISO detects an apparent inaccurate ~~Transmission Line Rating~~, the CAISO will inform the Participating Transmission Owner, EDAM Entity, or EIM Entity and take ~~appropriate~~ appropriate actions to resolve any inaccuracy, including use of an alternate rating specified by the Participating Transmission Owner, EDAM Entity, or EIM Entity.

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