

California ISO Readiness Notes

Title: Advanced Curtailment Tool initiative incorporates curtailment logic into the Interchange Transaction Scheduler (ITS)

Expected Activation Date in Production: September 24, 2024

Link to associated training documents (if applicable):

Contact: CustomerReadiness@caiso.com or submit a CIDI ticket

TCR(s) or Project Associated: Advanced Curtailment Tool Initiative

Targeted Audience: Participating Transmission Owner (PTO) and Non-Participating Transmission Owners (non-PTOs) with Existing Transmission Contracts (ETCs) or Transmission Owner Rights (TORs).

Details: The following initiative is effective in Production on September 24, 2024, in the Interchange Transaction Scheduler tool and Operating Procedures.

When PTOs or non-PTOs, respectively, have a Transmission Exchange Agreement (TEA) with the California ISO, the PTOs or non-PTOs should be exempt from certain charges when there is a transmission de-rate. However, during an emergency condition or real-time intertie derate, the Contract MW on their resources adjusts down in Real-Time (RT) from their Day Ahead (DA) Awards consistent with the Transmission Rights Transmission Curtailment (TRTC) instructions provided to the CAISO.

Issue:

Although CAISO posts the transmission outage in the Open Access Same Time Information System (OASIS), PTOs and/or non-PTOs sometimes are not able to adjust the Final Tag quantity due to the timing of posting and the tagging submittal. In the case where they are not able to re-adjust and re-submit after-the-fact tags due to timing constraints, the difference between the tagged and contract adjusted value in Real-Time (RT) leads to wheeling access charges, settlement impacts on congestion, Real-Time Imbalance Energy Offset (RTIEO), and other charge codes consistent with the terms and conditions of the TEA.

The Interchange Transaction Scheduler (ITS) application that is used for approving and managing the Interchange Scheduling between adjacent Balancing Authorities (BAs) and the WECC WIT for grid reliability purposes, does not include results as Operators have to manually flag-in e-tags with contracts for inclusion in curtailments. Also, Operators must manually identify which e-tags with contracts to include and what MW values to cut.



Solution:

This initiative incorporates contract data into ITS curtailment logic that:

- Improves transference of recalculated contract data into ITS after a derate or outage of an intertie
- Combines ITS curtailments to include e-tag referencing transmission contract rights
- Expands e-tag curtailment logic to account for and include portion of E-Tag that is scheduled over contract rights

This change will help resolve the Wheel Access Charge issues encountered by PTOs and/or non-PTOs and limit the settlement impacts on Congestion, RTIEO, and other charge codes.

Market Participants can validate the information in the following platforms:

- 1. <u>OASIS</u> > TRANSMISSION > Transmission Interface Usage report (*existing report*)
- 2. OASIS > TRANSMISSION > Transmission Outages (existing report)
- 3. E-tagging System
- 4. Settlement Pre-calculations:
 - System Resources Deemed Delivered Energy Quantity Pre-calculation
 - Existing Transmission Contracts Transmission Owners Rights Pre-calculation

Reference Materials:

More information is available on in the CAISO Operating Procedures listed below:

2510 NERC and CAISO Tagging Requirements (Section 3.2.5) https://www.caiso.com/documents/2510.pdf

2540 Interchange Schedule Curtailments (Section 3) https://www.caiso.com/documents/2540.pdf