Business Practice Manual for Market Instruments

Changes applied to Version 86

Last Revised: July 1, 2024

## 12.9 Atlas

The Atlas Report includes the following information:

**PNode Listing** – List all pricing locations. Complete Network PNode Listing including PNode IDs and effective dates of operation. For Virtual Bidding purposes, the report also displays an indicator of whether or not the PNode is eligible for Virtual Bidding, the maximum MW Limit associated with each PNode as well as the effective start and end date for the limit. Maximum MW limits will not be posted for PNodes associated with Interties.

**APNode Listing** – Lists All Aggregated Pricing Node locations used in CAISO Markets. For Virtual Bidding purposes, the report also displays an indicator of whether or not the APNode is eligible for CB, the maximum MW Limit associated with each APNode as well as the effective start and end date for the limit. Maximum MW limits will not be posted for APNodes associated with Interties.

 **Load Distribution Factors (LDFs)** – Lists typical participation factors that map PNodes to APNodes.

**Load Aggregation Point Listing** – List of all Load Aggregation Points in CAISO, by type. Includes APNode ID, APNode Type, and effective dates of operation.

**Market Resource Listing** – List of CAISO Resources. Including Generating Unit ID, PNode, aggregation type, resource type, effective dates.[[1]](#footnote-1)

**Trading Hub** **Listing**– lists all Trading Hub APNodes in CAISO; APNode ID, and effective dates.

**Trading Hub** – **PNode Mapping** – Map of all PNodes to each Trading Hub APNode.

**Ancillary Service Region** – **PNode Mapping** - Map of all PNodes to each Ancillary Services Region and Sub-Region.

**RUC Zone - PNode Mapping -** Map of all PNodes to each Reliability Unit Commitment Zone.

**TAC Area - PNode Mapping** – Map of all PNodes to each Transmission Access Charge Area.

**Intertie Constraint Mapping** – Map of all Intertie Constraints with respective Transmission Interfaces and TSIN Registered entity ID.

**Transmission Interface Listing** – Lists all Transmission Interfaces in CAISO, including Transmission Interface ID, Type, WECC Path, effective dates

**Peak/Off-Peak Definition** – Posts Hourly Peak/.Off-Peak indicator based on the WECC definition.

 **Publications and Revisions** - OASIS data publication and revision. Includes publication date, publication type, operating date hour min, description, version, status, and comments. This report will log publication events for all public market data posted to the CASIO OASIS site.

**OASIS Publication Schedule** – Contains the usual schedule by which all other OASIS data entities are published. This includes publication type, publication interval, publication time, description, report group, and comments.

**System Operating Messages** - System Operating Messages including message time, Severity, and message text.

**Price Correction Messages:** Messages related to price corrections; this includes market type, publication time and message text.

**Price Correction Summary:** Contains the brief description of the root cause of market invalidation, market intervals that were affected, price locations that were affected and the method of price corrective action(s) taken.

**Scheduling Point Definition -** Lists all of the scheduling points and its balancing authority area, also includes a designation if the scheduling point is a location where market intertie bids can be submitted onto.

**BAA and Tie Definition -** Lists all of the ties and the balancing authority areas it is connected from/to; also includes a designation if Western Energy Imbalance Market (EIM) occurs on the tie.

**Scheduling Point and Tie Definition -** Lists all the scheduling points associated with the tie.

**Intertie Constraint and Scheduling Point Mapping -** Lists all the intertie constraints associated with the scheduling points.

**Intertie Scheduling Limit and Tie Mapping -** Lists all the intertie scheduling limits associated with the tie.

**Constraint Relaxation Threshold** – Lists the CAISO-calculated Constraint Relaxation Threshold values for the CAISO and WEIM BAAs, updated annually.

1. This listing does NOT include Load Resources – this is covered by the Load Aggregation Point listing. [↑](#footnote-ref-1)