

# CAISO EIM Implementation Update

July 15, 2015 Stakeholder Meeting



# Overview

- Customer Comments
- Procedures and Business Practices

# Customer Comments

- Powerex submitted customer comments in response to the April 15 customer meeting.
- Their comments focused on concerns regarding the framework for “donating” transmission rights in the EIM and use of their COI rights under the NW AC Intertie Agreement Section 5(e)(1).

# BPA Response

- The transmission framework discussed in Powerex's comments is intended to govern PacifiCorp transmission under their own tariff, not rights on BPA's system. Further, the matter is still at issue at FERC. As such BPA feels this stakeholder meeting is not the correct venue to resolve this issue.
- BPA is fully aware of the provisions of Section 5(e)(1) of the NW AC Intertie Agreement and is currently in discussions with PacifiCorp on the matter.

# Operating Procedures and Business Practices

- BPA has worked to develop multiple operational protocols and tools in its CAISO EIM efforts. These include:
  - Variable Transfer Limits (VTLs)
  - Congestion Management protocols
  - Data transfer
- These are intended to allow PacifiCorp to utilize their Firm BPA transmission rights for the EIM while protecting BPA and its customers.

# Operating Procedures and Business Practices

- BPA, PacifiCorp, and the CAISO are working on procedures and Business Practices to implement agreed upon operating protocols, including data transfers and appropriate controls.
- BPA hopes to post its own draft BP in August and to discuss in a stakeholder meeting, prior to its official comment period.

# Operating Procedures and Business Practices

- CAISO has posted a [draft BP](#) on its own website.
- BPA is also working on procedures with PAC and CAISO for day-to-day operation.
- Use of the EIM tools, such as upper/lower limits on BPA flowgates will be subject to BPA Business Practice provisions.

# Items to be Addressed in BPs and Procedures

- Effective Upper/Lower 5-minute limits- BPA defines delta flow numbers and sends to CAISO- CAISO then calculates variance from 15-minute market flow and honors limits
  - BPA BP and procedures
- Prior notification to update VTLs for change in participating resources
  - BPA BP
- Data exchange requirements and protocols
  - Procedure and BPA BP
- E-tag Protocols and Requirements
  - BPA BPs and procedures
- Testing of controls and interfaces
  - Procedures
- Congestion Management requirements
  - BPA BP and procedures

# Items to be Addressed in BPs and Procedures

- Business Continuity – Contingency procedures, manual communication, etc.
  - Procedures
- Process for addition of new EIM participant who wishes to use VTLs and other tools
  - BPA BP
- Addition of new BPA flowgates/update to flowgate definitions
  - Procedures
- Performance Metrics
  - BPA BP and/or agreement with PAC
- Contingency and enforcement provisions
  - BPA BP and/or agreement with PAC
- Data Exchange
  - Procedures and BP

# Next Steps for Procedures and BPs

- BPA continues to work with PAC and CAISO on identifying language and the proper documents for addressing these items.
- BPA plans to post draft BPs for discussion with stakeholders in addition to following its normal BP process.
- BPA plans to have the BPs effective by October 1, 2014

# BPA Testing Objectives

- Assure data transfers (VTLs, returning data) are functional
- Verify assumptions regarding loss of data communications
- Simulate flowgate constraint (flows exceeding SOL) affect on 5 minute dispatch of PAC EIM resources.
- Test secure access to market information