

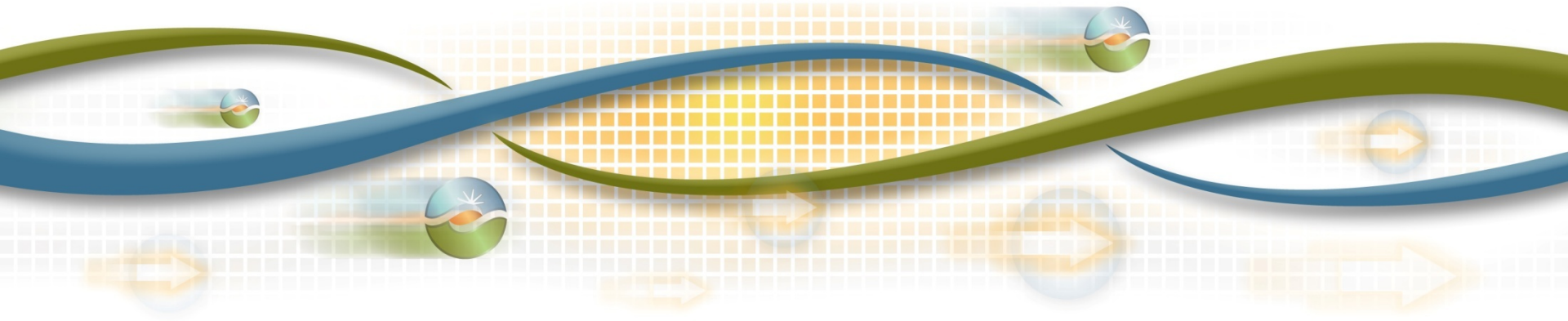
Briefing on Energy Imbalance Market Implementation - Activities and Coordination with Peak Reliability

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EIM Transitional Committee Meeting

General Session

October 23, 2014



Update on coordination activities

Coordination with peak reliability includes:

1. Facilitating discussion and informational sessions
2. Data sharing for operation
3. Coordination with enhanced curtailment calculator (ECC)

Discussion and informational session

- Multiple meetings were held to develop the session
- Peak, ISO and PacifiCorp held group discussion on September 3, 2014 in Portland, OR
- Representation from BPA, TSGT, WAPA, PGE, SMUD/BANC, AVA, IPCO, LDWP, TPWR, etc.

Discussion and informational session

- Topic discussed:
 - Dynamic schedules
 - Pseudo-ties
 - EIM tags
 - Transmission priority and rights
 - Unscheduled flow
 - Impact of 5-minute dispatch
 - Ramp constrained periods
 - Operating procedures for loss of communication
- Summary of the discussion:
 - Operationally ready for EIM
 - Meeting end of year

Data sharing for operation

- The expanded full network model is utilized by the ISO to run the market.
 - The data source for the model comes from EIM entity, individual TOP/BAs, or from peak
- Coordination of input data and its quality are crucial for success in running efficient market
 - ISO, peak, and the industry are meeting in multiple forums to address data availability and quality

Data sharing for operation

- Input the physical full network model:
 - Load forecast
 - Topology
 - Interchange and generation schedule
 - Real-time data

Establishing data sharing for operational needs

- Next steps:
 - Peak reliability will update its IRO-010-1a data request.
 - Establishing metrics and publishing results of data quality (such as quality of load forecast for each BA)
 - Intent is to increase quality of data utilized for modeling and forward flow estimation

ECC Task Force

- Enhanced curtailment calculator (ECC) functional specification is almost final
- The ECC project will be broken into two phases
- ISO participates in the ECC Task Force to ensure coordination between market dispatch and ECC

Questions/Comments ?

