



Extended Day-Ahead Market Working Group 2: *Transmission Commitment and Congestion Rent Allocation*

Facilitator: Deb Le Vine

Scribe: Emily Hughes

February 24, 2022

Meeting Cadence: Tuesdays and Thursdays, 9 – 11 a.m.

Reminders:

- These collaborative working groups are intended to foster open dialogue and sharing of ideas and perspectives
- Please raise your hand if you have a question or comment at any time during the meeting and the facilitator will call on you
 - Please start by stating your name and affiliation
- Meetings are recorded and video files posted on corresponding working group webpages
- Stakeholders are welcome to present perspectives at these meetings
 - Please submit a request to present using the link located on the EDAM Resources slide at the end of this presentation

Agenda:

Time:	Topic:	Presenter:
9:00 - 9:05	Welcome/introductions	Elizandra Casillas
9:05 - 9:10	Kick-off meeting	Deb Le Vine
9:10 – 10:55	External Resource Participation in EDAM (Intertie Bidding)	George Angelidis
10:55 - 11:00	Upcoming topics	Deb Le Vine



External Resource Participation in EDAM (Intertie Bidding)

CAISO EDAM Design Team

EDAM Working Group 2: Transmission Commitment and
Congestion Revenue Allocation
Thursday, February 24, 2022

Intertie bids in the Western Energy Imbalance Market

- Intertie bids (including self-schedules) are allowed at CISO Scheduling Points
 - ◆ Even with non-EIM BAAs to support day-ahead intertie schedules
 - ◆ Intertie schedules with EIM BAAs are mirrored with Mirror System Resources at the EIM BAA side (imports are mirrored with exports and vice versa)
 - ◆ Mirror System Resources are base-scheduled by the EIM Entity to match the corresponding day-ahead schedules
- Intertie bids at EIM interties with non-EIM BAAs are allowed in the EIM Tariff, but EIM Entities decided to not allow them
- Intertie self-schedules are allowed at EIM interties with non-EIM BAAs
 - ◆ To support bilateral contracts

Intertie bids for CISO in the Extended Day-Ahead Market

- Intertie bids (including self-schedules) are allowed at CISO Scheduling Points with non-EDAM BAAs
 - ◆ Existing day-ahead market feature
 - ◆ Replaced by transfers at interties with EDAM BAAs
 - ◆ Virtual intertie bids are not allowed; day-ahead intertie schedules that clear RUC must be tagged
 - ◆ Import and export bids and self-schedules may be joined as wheeling transactions
 - They are kept balanced in the market
 - ◆ Export self-schedules have two scheduling priorities
 - Price-Taker (PT) priority same as load, if supported by non-RA generating capacity
 - Lower Price-Taker (LPT) priority, lower than load; non-firm by design

Wheeling charge for CISO exports to non-EDAM BAAs versus export transfers to EDAM BAAs

- Existing settlement charge in Day-Ahead Market
- It does not apply to export transfers with EDAM BAAs, unless they are specified as Bucket 3 with a usage fee
 - ◆ CISO PTOs should consider economic benefit of trade absent usage hurdle under bucket 2 vs wheeling revenue under bucket 3 (Discussion continued next Tuesday 3/1/2022)
- How CISO will release transmission capacity for transfers in EDAM?
 - ◆ Discussion at next Tuesday on 3/1/2022

Intertie bids for EDAM BAAs in the Extended Day-Ahead Market

- Intertie self-schedules are allowed at EDAM interties with non-EDAM BAAs
 - ◆ To support bilateral contracts
- Export bids at EDAM interties with non-EDAM BAAs
 - ◆ Pros: over-generation mitigation
 - ◆ Cons: reduced incentives to join EDAM
- Import bids at EDAM interties with non-EDAM BAAs
 - ◆ Pros: imbalance reserve up/down; RSE contributions; higher solution efficiency due to economic displacement
 - ◆ Cons: transmission free rider issue; reduced incentives to join EDAM

Intertie bidding rules in the Extended Day-Ahead Market

- Transmission fee for exports?
 - ◆ It can be included in the export energy bid
 - ◆ Different rate for different EDAM BAAs or single rate for EDAM footprint?
 - ◆ How to allocate revenue from EDAM exports?
- Transmission fee for imports?
 - ◆ It can be included in the import energy bid
 - ◆ Different rate for different EDAM BAAs or single rate for EDAM footprint?
- Set optionally by each EDAM BAA?
 - ◆ Weighing transmission revenue for reducing transmission access fee versus higher economic efficiency and RSE contributions without a transmission fee

EDAM Resources

- List of [*Common EDAM design principles and concepts*](#)
- Initiative and working webpages:
 - EDAM initiative webpage: <https://stakeholdercenter.caiso.com/StakeholderInitiatives/Extended-day-ahead-market>
 - Working Group 2 webpage: <https://stakeholdercenter.caiso.com/StakeholderInitiatives/Extended-Day-Ahead-Market-Working-Group-2-Transmission-Commitment-Congestion-Revenue-Allocation>
 - The working group webpages include meeting materials, initial scope items, and weekly summary reports
- Please submit EDAM WG inquiries and/or requests to present at <https://www.surveymonkey.com/r/EDAMWG-Inquiries>
 - Presentations due 5 business days prior to the meeting where they are scheduled to present, if time allows
- [Register](#) for working groups to help the ISO gauge interest and facilitate communication throughout process.
- Nov 30, 2021 Day-Ahead Market Overview Training: <https://youtu.be/lbXRsfVbCg>