



Extended Day-Ahead Market Working Group 1: *Supply Commitment and Resource Sufficiency Evaluation*

Resource Sufficiency Evaluation details

Facilitator: Mark Richardson

Scribe: Bob Kott

February 07, 2022

Meeting Cadence: Mondays and Wednesdays, 1 – 3 p.m.

Agenda:

Time:	Topic:	Presenter:
1:00 – 1:05	Welcome/introductions	Kristina Osborne
1:05 – 1:25	Brief overview of the RSE Evaluation Frameworks	Mark Richardson
1:25 – 2:40	CAISO Presentation on Optimized Sufficiency Portfolio Approach	George Angelidis
2:40 – 2:50	WSPP Schedule C Arrangements	Mark Richardson
2:50 – 2:55	Recap of discussion	Bob Kott
2:55 – 3:00	Upcoming topics	Mark Richardson

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

Today's Objectives

- Continue discussion on relevant RSE Scope topics
 - Facilitator to briefly describe the different evaluation framework proposals based on last weeks discussion
 - CAISO to provide an overview of its proposal on the “Optimized Sufficiency Portfolio” approach for RSE
 - Circle back to WSPP Schedule C accounting

EDAM Resource Sufficiency Evaluation Frameworks

- All Frameworks:
 - Evaluate DA sufficiency across the full 24-hour horizon
 - Test for both Capacity and Flexibility
 - Allow on-demand RSE runs by EDAM Entity
 - Final Scheduled Advisory run at 0900; with inputs locked at this time
- There will be additional tests in either approach to ensure that there are sufficient Ancillary Service / Imbalance Reserve bids to meet the associated requirements for each EDAM Entity.

Frameworks for Demonstrating Resource Sufficiency

- A few frameworks for demonstrating resource sufficiency have been discussed to this point:
 - ***Day ahead sufficiency plan***: each entity submits a DA load/resource plan, with commensurate bids.
 - ***Hybrid Bid-Schedule***: sufficiency demonstrated through bids with new “advisory operating schedule” component.
 - ***Optimized sufficiency portfolio***: framework that utilizes the submitted bid ranges for all resources to simultaneously calculate a high/low feasible schedule that meets the high/low capacity targets subject to ramp capability and energy limit constraints.

Firm Energy Imports Considerations

- Firm energy imports are relied upon across the western interconnection to serve load under the varied resource planning and resource adequacy paradigms.
- A common contractual arrangement consists of WSPP Schedule C arrangements.
 - Source and transmission path may not be known by time of DA resource sufficiency evaluation.
 - Nevertheless, these firm energy arrangements are commonly relied upon as part of plans to serve load.
- Questions to consider:
 - When is source and transmission path known?
 - Is the delivery point to system static?
 - How would this arrangement be reflected in a bid?

Check In

- Continue discussion on relevant RSE Scope topics
 - Mark to briefly describe the four different evaluation framework proposals based on last weeks discussion
 - George Angelidis to provide an overview of the ISOs proposal on the “Optimized Sufficiency Portfolio” approach for RSE
 - Circle back to WSPP Schedule C accounting
- Next Steps

Questions?

EDAM Resources

- List of [*Common EDAM design principles and concepts*](#)
- Initiative and working group webpages:
 - EDAM initiative webpage:
<https://stakeholdercenter.caiso.com/StakeholderInitiatives/Extended-day-ahead-market>
 - Working Group 1 webpage:
<https://stakeholdercenter.caiso.com/StakeholderInitiatives/Extended-Day-Ahead-Market-Working-Group-1-Supply-Commitment-Resource-Sufficiency-Evaluation>
 - 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>