



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

## *Resource Sufficiency Evaluation details*

Facilitator: Mark Richardson

Scribe: Bob Kott

January 31, 2022

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

# Agenda:

Time:	Topic:	Presenter:
1:00 – 1:05	Welcome/introductions	Kristina Osborne
1:05 – 1:45	Brief overview of the current RSE Evaluation Frameworks	Mark Richardson
1:45 – 2:50	Continued discussion on resource qualification and RSE counting	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
  - Mark to briefly describe the two evaluation framework proposals based on last weeks discussion
  - Circle back to Demand Response accounting
  - Tee up WSPP Schedule C

# EDAM Resource Sufficiency Evaluation Frameworks

- Two frameworks are emerging through the discussion that merit further detailed evaluation and design.
  - Bid-based framework where sufficiency is demonstrated through bids alone.
  - Day Ahead sufficiency plan (operating plan or load/resource plan) framework where sufficiency is demonstrated through the daily plan for serving load and subsequent bid submissions
- Both Frameworks evaluate DA sufficiency across the full 24-hour horizon.

# Bid Based Sufficiency Framework

- Similar to EIM, submitted bids demonstrate sufficiency.
- Bids from energy limited resources include a new hourly advisory operating schedule component.
  - The “advisory operating schedule” component utilized only for sufficiency evaluation, not market optimization.
  - Market continues to optimize and make awards based on bids.
- Concerns raised:
  - Ability of Scheduling Coordinator to know and submit an operating schedule component.
  - Bids alone, from different entities, demonstrating sufficiency independent of day ahead operational plan of the BAA.

# Day Ahead Sufficiency Plan Framework

- Submission of a day ahead sufficiency plan (operating plan/load and resource plan) across 24-hour horizon.
  - Includes identification of operation of energy limited resources and reliance on these.
- Submission of bids commensurate with day ahead sufficiency plan.
- Key Questions:
  - Who submits the day ahead plans – the LSEs or the EDAM entity? Consideration of complexity and risks.
  - What components of the RSE is the day ahead plan accounting for?

# Demand Response

- Demand Response programs
  - Many entities have demand response programs that do not qualify to be modeled as a resource under existing rules; how should this supply be accounted for?
    - Allow some form of “DA Operational Plan” for un-modeled assets?
    - Allow EDAM Entities the capability to represent DR in the form of load adjustment?



# 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 two evaluation framework proposals based on last weeks discussion
  - Circle back to Demand Response accounting
  - Tee up WSPP Schedule C
- Next Steps

# Questions?

# 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 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>