



Extended Day-Ahead Market Working Group 3: *Greenhouse Gas Accounting and Costs*

Facilitator: Kevin Head

Scribe: Brian Jacobsen

February 15, 2022

Meeting Cadence: Tuesdays and Thursdays, 1 – 3 p.m.

Agenda:

Time:	Topic:	Presenter:
1:00 – 1:05	Welcome/introductions	Brenda Corona
1:05 – 1:10	Introduction to topic	Kevin Head
1:15 – 1:40	CARB presentation	Abajh Singh
1:40 – 2:10	Q&A with CARB	All
2:10 – 2:45	Group discussion of GHG reporting	All
2:45 – 2:55	Recap of discussion	Brian Jacobsen
2:55 – 3:00	Upcoming topics	Kevin Head

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

- Hear CARB's presentation about their GHG reporting requirements for the electricity sector
- Revisit topic of a west-wide GHG accounting system to seek resolution on how to proceed

CARB presentation

CARB Electricity Sector Greenhouse Gas Accounting



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Recap of February 8 WRA proposal

- WRA proposed a new west-wide GHG accounting system that expands WREGIS's REC program to cover renewable, clean/non-emitting, and emitting resources
- This system could be leveraged by state regulators in their administration of RPS/CES/GHG programs
- If such a system were built, it would require:
 - An entity to develop and operate a system that attributes generation to load
 - A methodology for creating all-generation certificates that also tracks the attributes of this generation
 - West-wide cooperation and agreement on data req'ts

This working group's role related to this proposal

- Most of these activities are outside of CAISO's control or traditional role
- However, there a few questions that this working group could consider:
 - Do we want the CAISO to build/operate this system?
 - If not, do we want an EDAM to provide data to such a program once it is developed?
 - If we want EDAM to provide the data, do we want to build reporting requirements into the market optimization design?

Data reporting impacts on GHG market optimization

- How could the EDAM GHG market optimization design be impacted by the data reporting requirements?
 - Such a system might require resource-specific attribution of generation to load which might be incompatible with unspecified approach
 - West-wide GHG tracking system might not be completed by January 2024 (expected EDAM go-live)
- These impacts might constrain how we design the EDAM GHG market optimization
- Even if a constraint isn't imposed, an extra layer of complexity is added onto an already complicated topic

Options for how to proceed on carbon reporting

Option	Means	Implemented by:
1) EDAM GHG market design is fully integrated with GHG reporting system	<ul style="list-style-type: none"> - CAISO builds and operates new west-wide GHG accounting system - WG develops policy for design and operation of a new market-integrated west-wide GHG accounting system 	<ul style="list-style-type: none"> - CAISO - GHG working group - State regulators/policy-makers - WREGIS
2) EDAM GHG market design is independent from but is constrained by the design of GHG reporting system	<ul style="list-style-type: none"> - Once a new west-wide GHG accounting is developed, CAISO provides certain data for its operation - WG is constrained by data requirements of a hypothetical west-wide GHG accounting system 	<ul style="list-style-type: none"> - CAISO - GHG working group - State regulators/policy-makers - WREGIS
3) EDAM GHG market design is independent from but might not allow for GHG reporting system	<ul style="list-style-type: none"> - Once a new west-wide GHG accounting is developed, CAISO provides certain data for its operation - WG not constrained by data requirements of a hypothetical west-wide GHG accounting system 	<ul style="list-style-type: none"> - State regulators/policy-makers - WREGIS
4) Status quo	<ul style="list-style-type: none"> - No WG policy development 	

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 3 webpage: <https://stakeholdercenter.caiso.com/StakeholderInitiatives/Extended-Day-Ahead-Market-Working-Group-3-Greenhouse-Gas-Accounting-Costs>
 - 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>