

EDAM Resource Adequacy Workshop #4: Contracts, Compliance Submittal Requirements, and Load Forecasting

May 21, 2026

Agenda

- Contracts
- Compliance Submittal Requirements
- Load Forecasting



Contracts

Contracts

WSPP Schedule C

- Acceptable without additional elements for purposes of meeting program capacity requirements if the seller is part of the RA program
- Schedule C or any other firm power sale contracts with counterparties outside of the program footprint (i.e., export contracts) would need to be included and accounted for in the participants' capacity demonstration
- Above an accepted percentage of participants' compliance submittal, Schedule C contracts may be subject to additional review or supporting documentation to qualify for a capacity contribution in a participant's RA compliance filing (to be developed in the BPM)
- Participants may temporarily include an increased amount of Schedule C contracts if evidence and/or attestation can be provided that an event occurred warranting such action, such as an outage of a significant generator, or other event reasonably outside the control of the participant which resulted in reduced availability of resources

Contracts

Contracted Resources

- Resources of which a participant is an off taker may be counted in program compliance filings
- Specific data requirements for contracted resources (as opposed to owned resources) would be further developed and detailed in the program BPM

Contract Verification

- The program is intended to leverage a participant's CAISO master file information for contract verification. If the capacity/energy contract is included in the CAISO master file no further attestation would be needed.
- If a capacity/energy contract is NOT included in the CAISO master file then participants would need to submit a redacted contract or an attestation. Further details would be provided in a future BPM.

Contracts

Questions:

- For Schedule C contracts, how would participation be defined for sellers not otherwise participating as LSE's in the RA program?
- For sellers who participate in a different RA program, would their Schedule C contracts without additional elements be sufficient?



Compliance Submittal Requirements

Compliance Submittal Requirements

- Annual Compliance Submittal
- Monthly Compliance Submittal
- Capacity Requirement
- Planning Reserve Margin
- Capacity Demonstration



Annual Compliance Submittal

Annual Compliance Submittal

- Each participant demonstrates, for each month of the compliance year, at least 90% of its applicable capacity requirement and its applicable transmission requirement
 - Partial showings are intended to support year-round resource adequacy demonstrating participants are making sufficient progress toward meeting full compliance obligations

Annual Compliance Submittal:

- Due by October 15th
- May be informational in nature
- May not be a compliance determination
- Failure to meet the 90 percent or the transmission demonstration thresholds would not result in penalties, charges, or violations of program requirements


This filing is intended to provide transparency to participants and stakeholders, enable early identification of potential compliance risks, and support participants' planning in advance of final monthly compliance submittals



Monthly Compliance Submittal

Monthly Compliance Submittal

- Each participant demonstrates 100% of its applicable monthly capacity requirement and a transmission requirement
 - Monthly Compliance Submittal would be submitted no later than 60 days prior to the applicable operating month
 - Capacity and transmission demonstrations are intended to carry financial risk if applicable requirements are not met
- Requiring a full 100% capacity demonstration on a monthly basis provides important reliability benefits:
 - Ensures participants have fully secured resources necessary to meet obligations prior to the highest-risk operating periods
 - Reduces likelihood of last-minute procurement shortfalls
 - Increases confidence in the system's ability to withstand seasonal variability and unexpected system conditions.



Capacity Requirement and Planning Reserve Margin (PRM)

Capacity Requirement and PRM

Capacity Requirement

- Monthly capacity requirement based on a monthly Planning Reserve Margin (PRM) applied to a monthly load forecast value

PRM

- Calculated and applied on a monthly basis to reflect seasonal variation in load, resource availability, and system reliability risk
- Uniform across all participants within a given month
- Monthly granularity enables aligning reserve requirements more closely with actual system conditions in each operating month, rather than annual averages



Capacity Demonstration

Capacity Demonstration

- Each participant submits a compilation of resources with Qualifying Capacity (QC) values in annual and monthly Compliance Submittals
 - Demonstration of sufficient capacity to meet the program's capacity requirement for each month of the compliance year
- Generation resource QC values would be provided by the Program Service Provider (PSP) as an annual modeling output
- QC values for energy and capacity contracts would not be determined by the PSP

Questions

- Should penalties apply for the annual showing or only apply to the monthly showing?
- How far in advance of the delivery period should initial and final compliance demonstrations be required?
- What mix of forward and near-term demonstrations best supports reliability while reflecting market realities?
- How should changes in load forecasts, resource availability, or system conditions be reflected in updated compliance obligations?
- What mechanisms are needed to address late-emerging shortfalls or unforeseen resource failures?



Load Forecasting

Monthly Load Forecasting

- Coincident peak load forecasting methodology grounded in a five-year historical lookback period based on regional coincident peak loads
- Median (P50) coincident peak load calculated using actual coincident peak loads of program footprint for each month from the past five years
- Participant's individual contribution to the coincident system peak determines the basis for its load forecast value
- Participants' individual P50 coincident peak load forecasts would be determined and provided alongside other program metrics
- Forecasts could be issued no later than two years prior to start of applicable Compliance Period to support advance planning and procurement activities

Monthly Load Forecasting

“Default Load Growth”

- Could be applied to the P50 load forecast
 - Specific value of default growth rate remains to be established and would be subject to further program development and stakeholder input
- Participants could propose adjustments to default load growth assumption where individual circumstances materially affect expected load trajectories
 - Such circumstances could include:
 - Significant anticipated load expansions
 - Material load reductions
 - Jurisdiction-specific policy drivers
- Any proposed adjustment would be submitted in advance of the Monthly Compliance Submittal and supported by transparent documentation demonstrating how and why participant’s expected load trajectory differs materially from regional default assumption

Questions

- How should load forecasts and forecast uncertainty be reflected in RA capacity obligations?
- How should load growth assumptions be incorporated in the capacity demonstrations?
- How should non-conforming loads be treated in the load forecast modeling and capacity demonstrations?
- Would coincident peak load evaluation based on the hours of highest load, or the peaks on highest load days be a more beneficial alternative? Would analysis of whether an expanded data set would potentially change results or show additional stability be helpful to explore?
- Is the five-year historical look back the appropriate period to determine the basis for the load forecast value?
- How should Demand Response, Energy Efficiency, Behind-the-meter Distributed Energy Resources adoption be incorporated into the determination of participants' load forecast?

Spring Schedule

May 26: Workshop #5

Transmission/Compliance Structure/
Reporting and Transparency

Consideration Design Document released May 19

Comment Period Ends June 10th

Summer Workshops Announced in July

Where to find materials



All workshop dates, **zoom links**, and materials are located at:

<https://rowesternenergy.org/regional-resource-adequacy/>



Reach out with questions or comments by emailing:

resourceadequacy@rowesternenergy.org

The ROWE is not a sponsor of the initiative or the initial stakeholder process, but is lending the use of its website for hosting materials.

Open Forum for Discussion



- Please raise your hand to be unmuted
- Announce your affiliation/entity you represent

Next Steps



Review Consideration Design Document: Compliance
Structure; Reporting & Transparency
(published May 19) to prepare for Workshop #5 (May 26)