



California ISO


FERC Order No. 1920 Compliance

Stakeholder Meeting
September 18, 2025

Housekeeping reminders

- This call is being recorded for informational and convenience purposes only. Any related transcriptions should not be reprinted without ISO's permission.
- This collaborative meeting is intended to stimulate open dialogue and engage different perspectives.
- Please keep comments professional and respectful.
- Please try and be brief and refrain from repeating what has already been said so that we can manage the time efficiently.

NEW Instructions for raising your hand to ask a question

- We have moved to a new version of Webex as of August 2025!
- Click on the raise hand icon  at the bottom of your screen.
 - NOTE: If you dialed into the call outside of Webex, press *3 to get into the question queue.
- If you would like to view attendees, refresh your screen and open the “Intellor Transparency Viewer” at the bottom right of your screen.
- Closed captioning is now available by clicking the “CC” button on the bottom left of your screen.
- Please remember to state your name and affiliation before making your comment.
- You may also send your question via chat to **all panelists**
- If you need technical assistance during the meeting, please send a chat to the event producer **@Intellor Events**.

Today's Agenda

Time	Topic	Presenter
1:00 – 1:05	Welcome and introductions	Yelena Kopylov-Alford
1:05 – 3:50	<ul style="list-style-type: none">• Background information• Stakeholder engagement• Tariff revisions<ul style="list-style-type: none">• Section 24 revisions• New Section 24.11 content• Overview of the compliance approach for each topic area• Questions and Discussion	Danielle Mills Sarah Kozal Biju Gopi All
3:50 – 4:00	Next steps	Yelena Kopylov-Alford

Background: FERC addresses long-term transmission needs

- FERC issued **Order No. 1920** on May 13, 2024 to address long-term transmission planning and associated cost allocation processes
 - Builds on previous orders including Order No. 1000
 - Ensures consistent approach to developing long-term transmission plans resulting in efficient and cost-effective transmission solutions
- **Order No. 1920-A** issued on November 21, 2024
 - Largely sustains Order 1920 requirements
 - Further enhances the role of Relevant State Entities
- **Order No. 1920-B** issued on April 11, 2025
 - Affirms many of the requirements of Order No. 1920 and 1920-A

Summary of FERC Order No. 1920

- Requires transmission providers to conduct long-term planning for regional transmission facilities over a 20-year time horizon to anticipate future needs and to determine how to pay for those transmission facilities
 - Order identifies factors for consideration for development of scenarios and benefits criteria for determining long-term transmission solutions
 - 3 plausible and diverse scenarios must be studied with each scenario stress tested to account for extreme weather as a sensitivity
 - Transmission providers to develop 20-year plans at least every 5 years
 - Update interregional coordination processes for sharing of information and the identification and joint evaluation of long-term interregional transmission facilities

Summary of FERC Order No. 1920

- Enhances the role of state regulators in the long-term regional transmission planning process, especially in shaping scenario development and cost allocation
 - Requirement for formal engagement period with Relevant State Entities to discuss any potential changes to cost allocation process
- Requires local transmission planning inputs in the regional transmission planning process to enhance transparency and right-size facilities
- Requires addressing generation-interconnection-related needs that have arisen multiple times but have not yet been resolved
- Requires the consideration of the use of grid-enhancing technologies (GETs)

Features of the CAISO's Compliance Filing

- Current transmission planning process will move to a biennial cycle with an interim reliability assessment
 - Current transmission planning cycles will continue through approval of the 2027-2028 Transmission Plan.
 - Transition to the new process will begin in 2027 with first transmission plans issued in 2030
- Evaluation process will remain fundamentally unchanged, but incorporate enhancements from the Order
- New long-term regional transmission planning cycle will be integrated with existing comprehensive reliability, economic, and policy assessment
- No proposed changes to cost allocation methodology, following consultation with Relevant State Entities
- Continued alignment with neighboring planning regions

Stakeholder Engagement in Transmission Planning

- Order No. 1920 requires engagement and consultation with relevant state entities and stakeholders regarding certain elements of the development of a compliance filing.
- The Order provides for new and enhanced opportunities for stakeholder engagement in the planning processes
- The ISO is committed to retaining and improving opportunities for stakeholder engagement throughout the transmission planning process cycles.

Order No. 1000 and Order No. 1920 Planning Cycles (2025-2034)

[illegible]

Tariff: Proposed Revisions to Existing Section 24

- Revisions to coordinate new cycle timing
 - References to annual processes revised to biennial
 - Interim reliability assessment added
- Revisions required by Order No. 1920:
 - Consideration of alternative technologies
 - Stakeholder process requirements for incorporating local planning: new timelines added and existing meetings reframed (Assumptions, Needs, Solutions)
 - Interconnection-related transmission facilities: new criteria added to existing tariff requiring consideration of these facilities
- New long-term planning section (24.11)

Tariff: DRAFT New Section 24.11 Table of Contents

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Development of Long-Term Scenarios

Categories of factors used to determine assumptions:

1. Federal, federally-recognized Tribal, state, and local laws and regulations affecting the resource mix and demand;
2. Federal, federally-recognized Tribal, state, and local laws and regulations on decarbonization and electrification;
3. State-approved integrated resource plans and expected supply obligations for load-serving entities;
4. Trends in fuel costs and in the cost, performance, and availability of generation, electric storage resources, and building and transportation electrification technologies;
5. Resource retirements;
6. Generator interconnection requests and withdrawals, and
7. Federal, federally-recognized Tribal, state, and local policy goals that affect Long-Term Transmission Needs.

Development of Long-Term Scenarios

- Sensitivity study for each planning scenario will account for multiple concurrent and sustained generation and/or transmission outages due to extreme weather event across a wide area
- Development of scenarios will include opportunities for stakeholders to provide input on the factors under each category of factor, how those factors should be accounted for, and which future outcomes are probable
- CAISO will post determination of factors used in development of scenarios and explanation of how those factors are to be used
 - First three categories of factors cannot be discounted
- Data inputs and assumptions will be reviewed and reassessed at the beginning of each cycle, with stakeholder input

Measurement of Benefits

- CAISO will use seven benefits for evaluating and selecting long-term transmission facilities:
 - avoided or deferred reliability transmission facilities and aging infrastructure replacement;
 - reduced loss of load probability or reduced planning reserve margin;
 - production cost savings;
 - reduced transmission energy losses;
 - reduced congestion due to transmission outages;
 - mitigation of extreme weather events and unexpected system conditions, and
 - capacity cost benefits from reduced peak energy losses.

Evaluation and Selection of Long-Term Regional Transmission Facilities

- The CAISO will perform detailed assessments necessary to evaluate scenarios and sensitivities developed
- The CAISO will post preliminary assessment results on its website
 - The preliminary results will be posted not less than 120 days after the relevant study plan is published
- Determination of transmission solutions will be based on assessments, inputs from stakeholders, coordination with PTOs and measurement of benefits.

Evaluation and Selection of Long-Term Regional Transmission Facilities (cont.)

- The ISO will coordinate with PTOs to identify opportunities for right-sizing replacement transmission facilities
 - Applicable to facilities operating at or above 200 kV and PTOs anticipating replacing in-kind with a new transmission facility during the next ten years
- Nonincumbent developers will be given the opportunity to propose transmission facilities and/or alternative transmission technologies following the publication of the ISO's preliminary assessment results

Evaluation and Selection of Long-Term Regional Transmission Facilities (cont.)

- Focus on selection of more efficient or cost-effective solution
- To be considered for selection (not automatic):
 - Must have measurable benefits across the majority of the seven benefits in at least one scenario
 - BCR of 1.00 or higher in at least one scenario
- Transparency
 - The CAISO will post on the CAISO website the specific determinations explaining why each identified facility was or was not selected.

Selection of Long-Term Regional Transmission Facilities

- The ISO will determine whether to select or not select a Long-Term Regional Transmission Facility no later than three years following the beginning of the cycle
- Selected projects will be eligible for Phase 3 competitive solicitation following same rules as other regional facilities
- Voluntary Funding Opportunity
 - Relevant state entities and interconnection customers will be provided the opportunity to voluntarily fund the cost of, or a portion of the cost of, a Long-Term Regional Transmission Facility that otherwise would not meet the CAISO's selection criteria.
 - Interested parties can provide a proposal within 2 months following notice from the ISO on the outcomes of its evaluation and selection process
- The ISO will conclude the 4-year Long-Term Planning Cycle following the voluntary funding opportunity window and any associated outcomes

Reevaluation of Selected Long-Term Regional Transmission Facilities

- The ISO will reevaluate Long-Term Regional Transmission Facilities that were previously selected under any of the following circumstances:
 - Development delays which would jeopardize the ability to meet identified needs
 - Reevaluation will not occur beyond the date at which substantial procurement must take place
 - Significant increase in actual or estimated costs
 - Actual or projected cost exceeding 10% of estimated costs
 - Significant change in federal, federally-recognized Tribal, state, or local laws or regulations

Filing Timeline

- The ISO is working closely with the other western planning regions, NorthernGrid and WestConnect, on interregional planning
 - Revisions to the common tariff language on interregional planning as required by the FERC Order No. 1920
- The ISO is planning for its compliance filing with FERC to occur near the end of October
 - Interregional compliance may be filed simultaneously

QUESTIONS AND DISCUSSION

NEXT STEPS

- Comments are due by end of day October 2, 2025. Please submit your comments to ISOStakeholderAffairs@caiso.com using the comment template available on the webpage linked below.
- The ISO will share a draft of the tariff filing with stakeholders prior to the next stakeholder meeting, scheduled for October 22, 2025, and will accept written comments prior to the meeting.
- The October 22, 2025 stakeholder meeting will provide an opportunity for the ISO to address and respond to questions regarding the draft tariff language.
- Compliance filing will occur at some point following draft tariff language stakeholder call.
- Additional information on this process is available on the ISO website at: <https://www.caiso.com/meetings-events/topics/miscellaneous-meetings>
- Additional questions/comments? Please email RegionalTransmission@caiso.com or ISOStakeholderAffairs@caiso.com

This Week at the ISO – 09/15/25

Stakeholder Meetings

All public stakeholder meetings are also listed on the [ISO calendar](#):

- Tuesday, September 16th – Release User Group Forum
 - 10:00am - 11:00am PT ([link](#))
- Tuesday, September 16th – Interconnection Customer User Group
 - 1:00pm - 2:00pm PT ([registration required](#))
- Wednesday, September 17th – Resource Adequacy Modeling and Program Design – Track 1
 - 9:00am - 12:00pm PT ([link](#))
- Wednesday, September 17th – Gas Resource Management Working Group
 - 2:00pm – 4:00pm PT ([link](#))
- Thursday, September 18th – Market Update
 - 10:15am – 11:00am PT ([link](#))
- Thursday, September 18th – FERC Order No. 1920 Compliance
 - 1:00pm – 4:00pm PT ([link](#))
- Friday, September 19th – Market Surveillance Committee General Session
 - 9:00am – 12:00pm PT ([link](#))

Comment Submission Deadlines

- Wednesday, September 17th – [BPM Proposed Revision Request PRRs 1635 - 1638](#)
- Friday, September 19th – [Price Formation Enhancements Straw Proposal](#)

Trainings

The California ISO is pleased to announce that new Extended Day-Ahead Market (EDAM) computer-based training (CBT) modules are now available on the Training page of the Market Participant Portal (MPP).

- Wednesday, September 17th – Unwarranted Storage Bid Cost Recovering Project Training
 - 9:00am - 10:30am PT ([link](#))

This Week at the ISO continued

Market Simulations

Please refer to our [Release Schedule](#) for the most recent updates of initiatives scheduled for MAP- and Production- stage market sims

- Monday, September 15th – DAME, EDAM, and EDAM CAISO Balancing Authority PR Market Simulation Meeting
 - 9:00am - 10:00am PT
- Thursday, September 18th – DAME, EDAM, and EDAM CAISO Balancing Authority PR Market Simulation Meeting
 - 1:00pm - 2:00pm PT
 - This weekly meeting series is being offered by the ISO to support questions and issues that may during Market Participant Connectivity Testing, and Integration Testing ahead of Market Simulation. Additional daily meetings shall be offered for the purposes of Day-Ahead Market Enhancements (DAME) and Extended Day-Ahead Market (EDAM) Implementation Market Simulation.

To participate in the DAME and EDAM Implementation pre-Market Simulation meeting series, please follow these steps:

Submit a CIDI Request:

- Log in to the CAISO Customer Inquiry, Dispute, and Information (CIDI) system.
- Create a new request with the 'Functional Environment' set to "Market Simulation."
- In the request, specify your intent to participate in the DAME & EDAM Market Simulation.
- Include the following information:
 - Market Simulation initiative(s) you will participate in.
 - Any specific resources or systems you plan to test.
 - Contact names and email addresses for coordination.

Email Option:

- If you do not have access to CIDI, you may send an email to marketsim@caiso.com with the subject line "DAME & EDAM Market Simulation Registration."

Provide the same information as outlined above

Thursday, September 18th - Market Simulation Forum

2:00pm – 3:00pm ([link](#))

Business Practice Manual (BPM) Updates

The status of all PRRs and updated BPMs in the [BPM Library](#) are published on the [BPM Change Management Website](#).

ENERGY matters

The California ISO's blog highlights its most recent news releases, and includes information about ISO issues, reports, and initiatives.



Energy Matters blog provides timely insights into ISO grid and market operations as well as other industry-related news.

<https://www.caiso.com/about/news/energy-matters-blog>



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