

Implementation Track Workshop

Friday, February 5, 2022

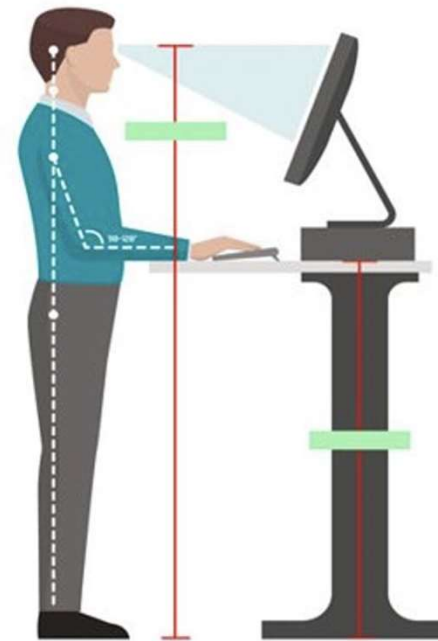
10:00 a.m. – 1:00 p.m.



California Public
Utilities Commission

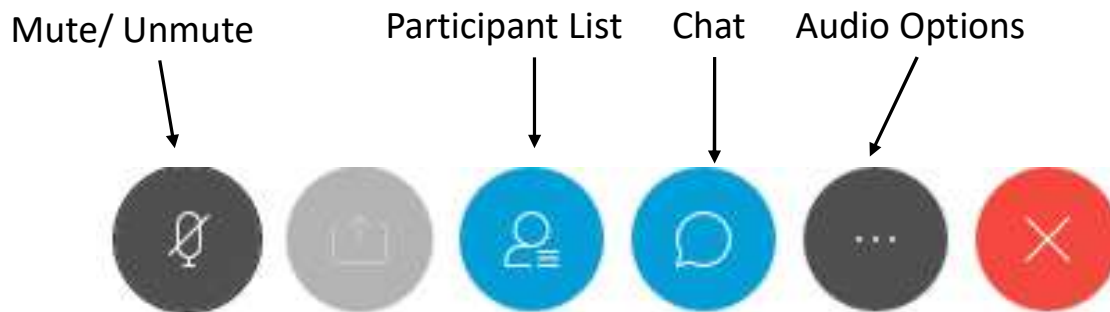
Logistics

- Online and will be recorded
- Today's presentation & recording will be uploaded onto RA history website
 - <https://www.cpuc.ca.gov/General.aspx?id=6316>
- Hosts (Energy Division Staff)
 - Simone Brant
 - Natalie Guishar
- Safety
 - Note surroundings and emergency exits
 - Ergonomic check

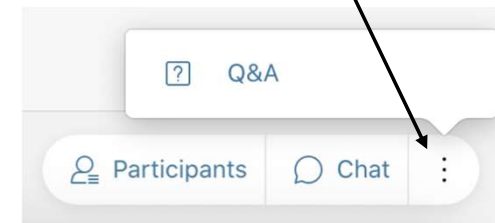


Logistics

- All attendees have been muted
- Presenters for each topic will be identified as panelists only when their topic is being addressed
- To ask questions, please use the "Q&A" function (send "To All Panelists") or raise your hand
- Questions will be read aloud by staff; attendees may be unmuted to respond to the answer. (Reminder: Mute back!)



"Q&A": on the bottom right of screen, click "3 dots"



Ground Rules

- Workshop is structured to stimulate an honest dialogue and engage different perspectives.
- Keep comments friendly and respectful.
- Please use Q&A feature only for questions, or technical issues.
- Do NOT start or respond to sidebar conversations in the Chat.

Agenda

Time	Topics	Presenters
10:00-10:05	Introduction & Safety	Energy Division
10:05-10:20	Demand Response Testing Requirements	Energy Division
10:20-11:20	BTM Qualifying Capacity	Joint DER Parties
11:20-12:05	LIP Informed ELCC	CAISO
12:05-12:35	LOLE Informed LIP	CLECA
12:35-12:50	LCR Requirements	MRP
12:50-1:00	Wrap Up	

Implementation Track – Phase 2

Phase 2 Schedule for All Proposals (Excluding FCR and LCR Issues)	
Party and Energy Division proposals filed	January 21, 2022
Workshop on Energy Division and party proposals	Early February 2022
Comments on workshop and all proposals filed	February 14, 2022
Reply comments on workshop and all proposals filed	February 24, 2022
Proposed Decision on Phase 2	May 2022
Final Decision on Phase 2	June 2022

Demand Response Testing Requirements

Maryam Mozafari, Energy Division

Energy Division Phase 2 Proposal for RA Proceeding R.21-10-002

Maryam Mozafari
California Public Utilities Commission
February 4, 2022



California Public
Utilities Commission

Third-Party Demand Response Testing Requirements

D.20-06-031 established testing requirements for third-party DR resources procured by Non-IOU LSEs:

- The DR resource must dispatch for four consecutive hours during the Resource Adequacy measurement hours in every quarter of the delivery year.
- The test must be done at the resource ID level and all resources within the same sub-LAP must be dispatched concurrently.
- The SC shall submit the test results to the DR buyer, DR provider, Energy Division, and the CAISO by the end of the quarter following the quarter in which the test dispatch occurs.
- Third-party DR providers shall submit the test results in their Load Impact Protocol analysis and reports submitted to the Commission.

Proposal:

Standardizing Testing Requirements across LSEs

The Decision established the testing requirement for 3rd party DR resources procured by Non-IOU LSEs.

ED proposes to apply the 3rd party DR testing requirements to all 3rd party DR resources, regardless of the buyer of the resource.¹

Timing of the Quarterly Test

The Decision required all resource IDs within the same sub-LAP to dispatch concurrently. The month within the quarter to perform the test was unspecified.

Where the Qualifying Capacity (QC) values in a sub-LAP vary monthly within the same quarter, ED proposes the test be conducted in the month with the highest aggregate QC for each SubLAP.

Hourly Test Results

The Decision required that all resources must be dispatched for four consecutive hours during the Resource Adequacy measurement hours and for their performance to be averaged over the same period for each day.

ED proposes to clarify that while the overall performance should be averaged, the results submitted to ED/buyer/CAISO must be in the hourly format.

1. Resources in the DRAM pilot are excluded.

Ordering Paragraph Redlines

13. Third-party demand response (DR) resources, procured by ~~non-investor-owned utility~~ all load-serving entities, shall be subject to the following testing requirements:

- (a) The procured DR resource must dispatch for four consecutive hours during the Resource Adequacy measurement hours in every quarter of the delivery year.
- (b) The test must be done at the resource ID level and all resources within the same sub-Load Aggregation Point must be dispatched concurrently. **If Qualifying Capacity values vary by month, within each quarter, then the test should be done in the month with the highest QC for each SubLAP.**

14. The results of test dispatches required of third-party demand response (DR) resources, procured by ~~non-investor-owned utility~~ load-serving entities, shall be submitted as follows:

- (a) The scheduling coordinator shall submit the **hourly** test results to the DR buyer, DR provider, Energy Division, and the California Independent System Operator by the end of the quarter following the quarter in which the test dispatch occurs.
- (b) Third-party DR providers shall submit the **hourly** test results in their Load Impact Protocol analysis and reports submitted to the Commission.



California Public Utilities Commission

Thank you!

Contact:

Maryam Mozafari, Demand Response

Maryam.Mozafari@cpuc.ca.gov