

RA Reform - Phase 2: Workstream Process Overview

July 27, 2022

Safety Message



Earthquake

Know the safest places to drop, cover, and hold, such as under sturdy desks and tables.



Fire

Know your exits, escape routes, and evacuation plan. If safe to do so, use your compliant fire extinguisher. Exit the house and call 911.



Active Shooter

Get out, hide out, take out, and call 911.



Medical Emergency

Know who can perform first aid and CPR. Call 911 if you're alone or share your location with the call leader to send help. If you have an AED, ensure you and others in your household know where it's located and how to use it.



Psychological Safety

- ✓ We care for each other.
- ✓ Look out for one another.
- ✓ Create a safe space for all.
- ✓ Welcome new ideas from everyone.
- ✓ Practice self-care.



Ergonomics

- ✓ Practice *30/30* (every 30 minutes, move & stretch for 30 seconds).
- ✓ Ensure proper ergonomics.



COVID-19

- ✓ Wash hands frequently
- ✓ Wear a mask when required
- ✓ Get vaccinated if you are able to
- ✓ Follow current CAL-OSHA regulations and local county health orders.

Identified Workstreams from D.22-06-050

Workstream 1 - Develop the 24-hour framework compliance tools:

- a. RA resource master database to be coordinated with the CAISO.
- b. LSE showing tool (template to be used by LSEs to make its filing to the Commission) and Commission verification tool (tool to be used by Energy Division to verify RA compliance).
- c. LSE requirement database to be coordinated with the CEC. This will utilize outputs generated by the CEC's load forecast proposal, including a dry run filing that may inform any necessary changes.
- d. Cost Allocation Mechanism (CAM) process and RA allocation to consider availability and capability of CAM-eligible resources and LSEs' load share during those slices.

Workstream 2 - Determine planning reserve margin (PRM) and resource counting rules:

- a. Appropriate exceedance level and hourly profiles for wind and solar at technology and/or location level.
- b. Counting rules for hybrid, co-located, and long-duration energy storage resources, as well as development of an Unforced Capacity Evaluation-light (e.g., ambient derate) mechanism to be applied to dispatchable resources.
- c. Elimination of the maximum cumulative capacity buckets.
- d. Test year details.
- e. Appropriate PRM with single PRM initially for all months and hours informed by a loss of load study, including NRDC's calibration tool.

Workstream 3 - CAISO and Commission validation and compliance as follows:

- a. Confirm elements of CAISO and Commission validation and compliance that do not require modification in the near-term.
- b. Identify and resolve administrative changes to the RA program at both CAISO and the Commission (e.g., must-offer reporting, outage substitution).
- c. Elimination of the flexible RA requirements.

Reform Track Phase 2 Schedule

Reform Track Phase 2 Schedule	
Milestone	Date
Workstreams 1 - 3 to resolve remaining implementation details and methodologies	July - October 2022
Final proposals from Workstreams 1 - 3 filed and served	November 15, 2022
Opening comments on final proposals	December 1, 2022
Reply comments on final proposals	December 12, 2022
Proposed decision on Reform Track Phase 2	First Quarter of 2023

Detailed Schedule for Identified Workstreams

Day	Date	Workstream	Workshop Subject	Facilitator	Notetaker
Wed	27-Jul	1, 2 & 3	Process Overview	SDG&E	CLECA
		2	Resource Counting: exceedance for wind and solar		
Wed	3-Aug	1	Master Resource Database	IEP	CLECA
			LSE Showing and Compliance Tools: initial discussion		
Wed	10-Aug	2	Resource Counting: hybrid resources	CalCCA	CLECA
Wed	17-Aug	2	PRM: part 1 (process and mechanics)	CLECA	CAISO
			UCAP-Lite		
Tues	23-Aug	2	Resource Counting: recap for wind, solar, hybrid; availability requirements for use-limited resources; long-duration storage; MCC Buckets for 2024	ED Staff	CLECA
Wed	31-Aug	1	LSE Requirements: follow-up discussion (CEC data)	CESA	CLECA
			Cost Allocation Mechanism (CAM)		
			LSE Showing and Compliance Tools: follow-up discussion		

Detailed Schedule for Identified Workstreams (Cont'd)

Day	Date	Workstream	Workshop Subject	Facilitator	Notetaker
Mon	5-Sep	-	Labor Day Holiday	-	-
Wed	14-Sep	2	PRM: part 2 (counting values, setting requirements)	PG&E	CLECA
			Test Year: initial discussion		
Wed	21-Sep	3	Interface CPUC/CAISO Processes: changes to CIRA; single NQC Capacity Value	SCE	CLECA
			Elimination of Flexible RA requirements		
Thu	29-Sep	2	Test Year: follow-up discussion	WPTF	CLECA
		1, 2 & 3	Remaining Issues		
			Wrap-up		
Wed	5-Oct	3	Placeholder: Workstream 3 wrap-up (if needed)	PG&E	CLECA

Note: Schedule may be subject to change pending a final *Decision Addressing Regional Wind Effective Load Carrying Capability Values and Demand Response Qualifying Capacity Methodology* to include discussions on applying the LIP methodology for the 2024 test year.

D.22-06-050 Guidance

- Adopts 24-hour framework and directs three implementation workstreams on compliance tools, PRM and counting rules, and CAISO and CPUC validation and compliance – **Workshops designed to address all three workstreams**
- Initiates full implementation in 2025, with a test year in 2024 – **Subject of 9/14 and 9/29 workshops**
- Directs CEC and CPUC to conduct a dry run for requirement setting and LSE allocations in 2022 – **Subject of 8/31 workshop**
- Directs further development of an exceedance-based methodology for solar and wind counting – **Subject of 7/27 and 8/23 workshops**
- Directs development of UCAP-light (ambient derates) for dispatchable resources – **Subject of 8/17 workshop**
- Requires LSEs to show excess capacity to charge storage – **Subject of 8/3 and 8/31 workshops**
- Maintains existing penalty structure, with LSEs penalized based on the largest hourly deficiency – **Subject of 9/21 workshop**
- IRP LOLE study to be used in conjunction with RA resource counting rules to determine PRM; encourages participation in the IRP process – **PRM Subject of 8/17 and 9/14 workshops**
- Requests proposals on MCC buckets – **Subject of 8/23 and 9/21 workshops**
- Either does not act on or provides for later consideration of several issues: load or hourly resource trading, multi-year system RA requirements, hedging, full UCAP

Facilitator List

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