

Summer Electric Reliability

Assembly Utilities & Energy Committee Oversight Hearing

President Alice Reynolds

California Public Utilities Commission

May 16, 2023



CPUC Procurement Orders - Net Qualifying Capacity

CPUC Orders	Total	2021	2022	2023	2024	2025	2026	2027	2028
Near-Term Reliability Applies to 25 LSEs since 18/43 LSEs opted out.	3,300 MW	1,650 MW by 8/1	825 MW by 8/1	825 MW by 8/1	-	-	-	-	-
Mid-Term Reliability (MTR) Applies to all CPUC-jurisdictional LSEs. No opt-outs allowed.	11,500 MW	-	-	2,000 MW by 8/1	6,000 MW by 6/1	1,500 MW by 6/1	-	-	2,000 MW by 6/1
Supplemental MTR Applies to all CPUC-jurisdictional LSEs. No opt-outs allowed.	4,000 MW	-	-	-	-	-	2,000 MW by 6/1	2,000 MW by 6/1	-
Procurement Ordered	18,800 MW								

Total September Net Qualifying Capacity (MW) Under Contract (CPUC-jurisdictional)

Resource Type	2023	2024	2025	2026
Solar	168	48	31	2
Battery Storage	1,894	3,498	638	132
Paired/Hybrid	1,120	1,242	370	0
Wind	14	0	17	0
Geothermal	21	75	60	61
Biomass/Biogas	11	9	0	0
Total	3,228	4,872	1,116	195

Data Vintage: February 2023

Pace of New Resource Development

- From October 2021 - September 2022, 3,300+ MWs (NQC) of new resources were brought online.
- For 2023, load serving entities are reporting that an additional 1,800+ MWs (NQC) will be brought online to serve the peak summer season, with the potential for another 1,300+ MWs online by the end of the year.
- To support this pace of procurement, GO-Biz, CPUC, CAISO and CEC are coordinating on the **Tracking Energy Development (TED) Task Force** that assists with permitting, interconnection, or supply chain issues raised by developers.
 - TED Task Force members often meet with project developers, utilities, and local agencies to ensure that communication is occurring to reduce project delays.
 - TED Task Force members participate in bi-weekly CPUC interconnection tracking calls with the utilities.



Status of Diablo Canyon Power Plant Extension (SB 846)

- Last year, the CPUC authorized PG&E to take steps to pursue the re-licensing of Diablo Canyon.
- This year, CPUC opened a new rulemaking to consider extending operations of Diablo Canyon through October 2029 (Unit 1) and October 2030 (Unit 2).
- Phase 1 of the rulemaking will address funding for the Diablo Canyon Independent Safety Committee; retirement dates; and ratepayer costs.
- The rulemaking will include the review of:
 - The Safety Committee's fact-finding reports,
 - CEC/CPUC Joint Reliability Planning Assessments, and
 - CEC's Analysis of Need to Support Reliability and Cost-Effectiveness Evaluation.
- Phase 2 of the proceeding will determine cost recovery and compensation reporting processes.
- The CPUC is also working with DWR on a semi-annual true-up of PG&E relicensing/transition costs.

Note: PG&E is expected to file its license renewal application at the NRC by end of 2023.



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