



FILED

05/31/22

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

11:47 PM

R2110002

Order Instituting Rulemaking to
Oversee the Resource Adequacy
Program, Consider Program Reforms
and Refinements, and Establish
Forward Resource Adequacy
Procurement Obligations.

Rulemaking 21-10-002

**ASSIGNED COMMISSIONER'S RULING DIRECTING
SUBMISSION OF LOSS OF LOAD EXPECTATION
STUDY RESULTS**

Summary

This ruling provides guidance for submission of the results of the loss of load expectation study performed by the California Energy Commission.

1. Background

In Decision (D.) 21-06-029, the Commission requested that the California Energy Commission (CEC) make a recommendation on a methodology to count qualifying capacity of supply-side demand response (DR) resources for Resource Adequacy (RA).¹ On February 16, 2022, the CEC served the *Qualifying Capacity of Supply-Side Demand Response Working Group Interim Report* (CEC Report) on the service list for this Rulemaking. On February 18, 2022, an Administrative Law Judge (ALJ) ruling attached and filed the CEC Report and solicited party comments.

¹ D.21-06-029 at Ordering Paragraph 11.

The CEC Report recommended three capacity counting methods for the Commission to consider as potential interim solutions: (1) the Load Impact Protocols (LIP)-Informed Effective Load Carrying Capability (ELCC) proposal, (2) the Incentive-based approach, and (3) the Loss of Load Probability (LOLP)-Weighted LIP proposal.

2. Discussion

California Large Energy Consumers Association (CLECA) proposed a LOLP-weighted LIP method that relies on the results of reliability models that estimate the likelihood of unserved hours of energy.² To implement the proposal, CLECA recommends use of the CEC's LOLE study or the California Independent System Operator's Energy and Environmental Economics (E3) ELCC analysis. The CEC's modeling methodology, assumptions, scenarios, and results are referenced in the Midterm Reliability Analysis report, issued on September 30, 2021, that resulted from the CEC's public process, Docket 21-ESR-01.³ However, the raw hourly data of unserved events that were used as the basis of the LOLE analysis has not been provided to or reviewed by the Commission.

In order to consider CLECA's LOLP-weighted LIP proposal using the CEC's LOLE analysis, we request the CEC provide to the Commission: (a) the September 2021 Midterm Reliability Analysis report; and (b) the raw hourly data of unserved energy events that were used as the basis of the LOLE analysis described in that report. We request the CEC serve the above information within ten (10) days of the issuance of this ruling.

² CEC Report at 38.

³ See CEC Midterm Reliability Analysis, September 30, 2021, available at: <https://www.energy.ca.gov/sites/default/files/2021-09/CEC-200-2021-009.pdf>.

Should the CEC serve the requested data within the requested timeframe, a separate ruling will be issued allowing parties an opportunity to comment on the data.

IT IS RULED that:

1. The California Energy Commission is requested to serve its Midterm Reliability Analysis report and unserved energy event data to the service list in this proceeding, as outlined above.
2. The report and data shall be served within ten (10) days following the issuance of this ruling.

Dated May 31, 2022, at San Francisco, California.

/s/ ALICE REYNOLDS

Alice Reynolds
Assigned Commissioner