



Resource Adequacy Reform: Slice of Day Coalition Principles

12/15/21 CPUC Stakeholder Workshop



CEERT



VOTE SOLAR



Summary Position

Support SCE's 24-hour / monthly approach as the best path forward to ensure reliability, maximize the ability of preferred resources to provide RA capacity commensurate with their operational capabilities, and properly align reliability incentives for LSEs.



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1. Structural Elements:

- a. **Framework:** Adopt SCE's 24 one-hour slices, monthly Slice of Day framework with hourly capacity and storage charging sufficiency checks
- b. **Showing:** Single monthly showing of resources (not 24 hourly showings)
- c. **Must Offer:** Maintain compatibility with CAISO market operations and CAISO Must Offer Obligation rules

2. Resource Counting:

- a. **Variable Energy Resources:** Assign variable renewable resources a month-hour profile in a manner:
 - i. Commensurate with expected availability, recognizing the uniquely flexible charging and efficiency characteristics of hybrid resources
 - ii. Transparent and accessible to stakeholders
 - iii. Consideration of technology and geography
 - iv. Revisions to QC accounting rules will provide a smooth predictable transition to a new QC accounting framework for intermittent resources
- b. **Storage and DR:** Assign storage and DR efficiently across hours consistent with their capabilities
- c. **Conventional Resources:** Assign conventional resources counting characteristics commensurate with their operational characteristics

3. Need Determination and Allocation:

- a. **Load:** Use LSE-specific load shapes
 - i. Establish pathway for BTM / DSM load modifier incorporation in load forecast or market resource process
- b. **PRM:** Determine PRM annually / biennially informed by LOLE analysis through the IRP

4. IRP Integration:

- a. Incorporate RA test into LSE IRP filings
- b. Use IRP submissions for annual or biennial calibration

5. Transactability:

- a. Each RA resource will have all relevant slices bundled with the resource
- b. Maintain the ability to trade RA capacity, including a pro-rata share of an RA resource
- c. Respect the terms of existing PPAs between power suppliers and LSEs.

Next Steps

- Continued policy / qualitative refinement of the proposal
- Development, calibration, and testing of quantitative parameters
- Preparation for delivery of final proposal to Energy Division in early 2022



QUESTIONS AND DISCUSSION

