



Energy storage sod definition

What does sod mean for LSES?

SOD represents a major shift in the RA construct for CPUC regulated LSEs by moving from a monthly RA requirement based on ELCC accredited capacity values to an hourly requirement based on exceedance values. LSEs must adjust to the new filing requirements and understand how the changes affect planning decisions in long-term planning.

What is energy storage?

Energy storage is a technology that holds energy at one time so it can be used at another time. Building more energy storage allows renewable energy sources like wind and solar to power more of our electric grid.

Does storage provide Ra value under the sod framework?

However, under the SOD framework, storage's RA contribution lies in its ability to shift RA value from hours with excess RA to shortfall hours. In this manner, the SOD framework ensures storage has charging resources to provide RA value. For instance, under SOD:

Why do LSES need a sod framework?

Inability to transact RA on an hour-by-hour basis: The SOD framework may show RA shortfalls for particular hours where the previous RA program only provided a monthly shortage. This more granular outcome in SOD provides better information regarding when LSEs need more capacity and which resources can fill the gap.

What does sod mean for LSES & CCAs?

Under the SOD approach, load serving entities (LSEs) such as California investor-owned utilities and CCAs will need to demonstrate that they have sufficient capacity to satisfy demand for each hour of the day during the "worst day" in the month.

What is California's slice of day (sod) framework?

California's Slice of Day (SOD) framework presents a major change to resource adequacy (RA) requirements for load serving entities (LSEs). RA obligations are moving from a simple monthly target to a 12-month 24-hour target. Load Serving Entities (LSEs) must adjust resource plans to meet the new requirements that start in 2025.

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