

DOCKETED

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Item 2: Load Management Standards

October 12, 2022 Business Meeting

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Efficiency Division, Existing Buildings Branch



Load Management

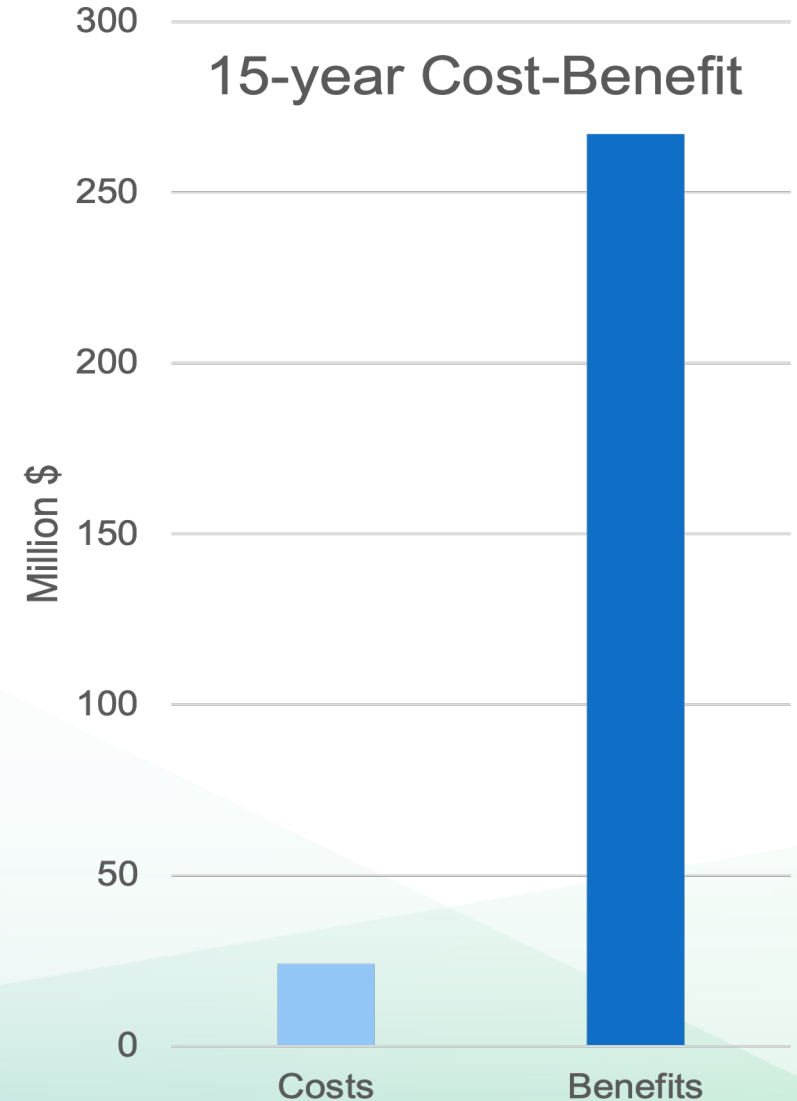
Process to maintain electric supply-demand balance by adjusting load rather than power station output.





Load Management Benefits

- Reduce electricity costs, bills
- Improve grid reliability
- Increase customer satisfaction





CEC Load Management Authority

- The commission shall... **adopt standards by regulation** for a program of electrical load management for each utility service area.
- In adopting the standards, the commission shall consider, but **need not be limited to**, the following load management techniques:
 1. Adjustments in **rate structure** to encourage use of electrical energy at off-peak hours or to encourage control of daily electrical load.
 2. End use **storage systems** which store energy during off-peak periods for use during peak periods.
 3. Mechanical and **automatic devices and systems** for the control of daily and seasonal peak loads.

- Warren Alquist Act, 1974

Public Resources Code § 25403.5



Covered Entities

Largest Investor-Owned Utilities

- PG&E
- SoCal Edison
- SDG&E

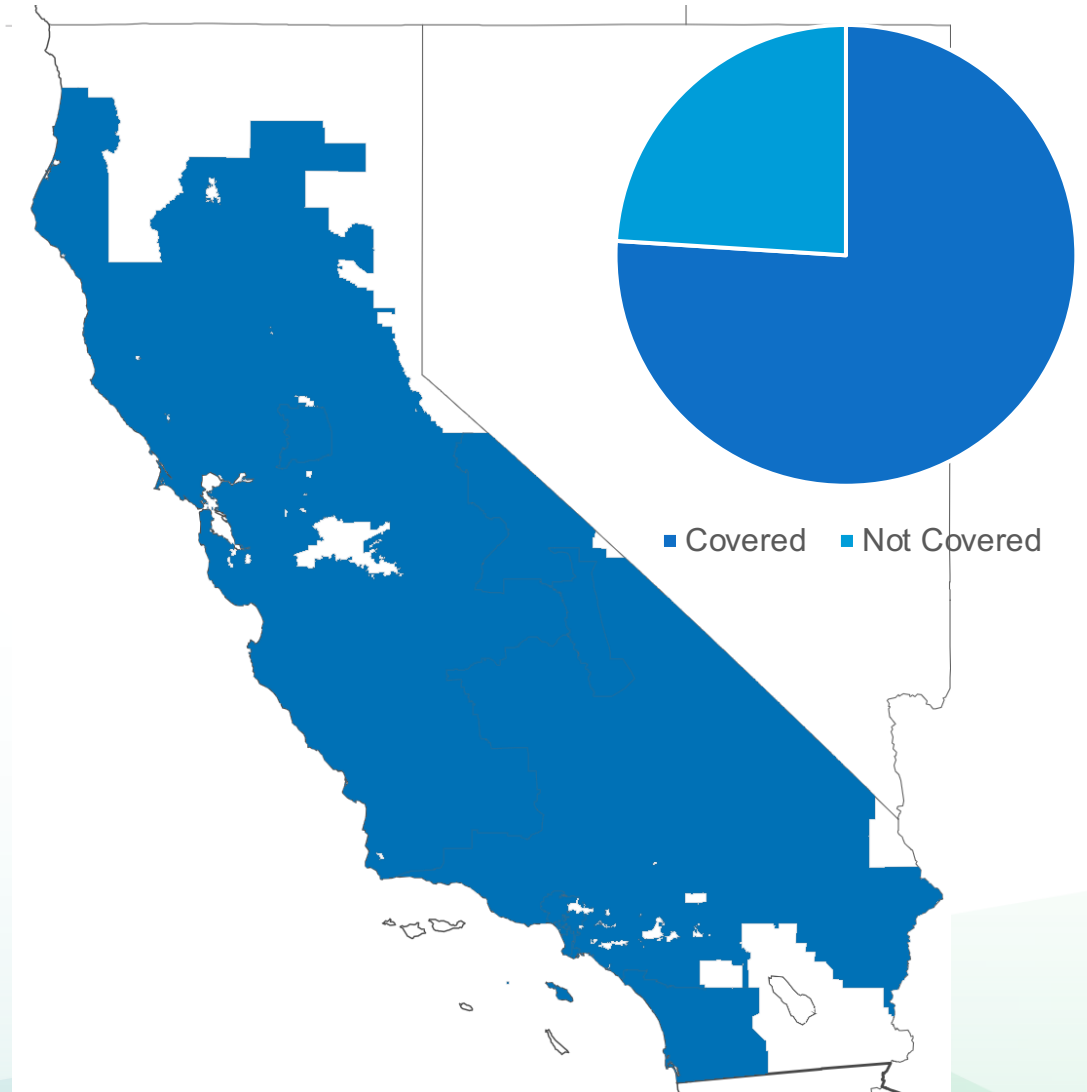
Largest Publicly-Owned Utilities

- LADWP
- SMUD

Largest Community Choice Aggregators

- Deliver >700 GWh annually
- 12 named in the standard

California Electricity Sales





Proposed Amendments

1
Rate
Database

2
Automation
Services

3
Hourly
Rates

4
Customer
Education



Timeline

Date	Milestone
April 2023	Amended Load Management Standards go into effect
July 2023	Upload existing time-dependent rates to MIDAS
2023-2024	Submit compliance plans
Oct 2024	Submit rate information access tool
2025	Submit load management rates and programs
2026-2027	Implement load management rates and programs



Reasons for Delays, Modifications, Exemptions

- Extreme hardship for utility or CCA
- Reduce system reliability, equity, safety, or efficiency
- Not be technologically feasible or cost-effective





Rulemaking Process



Pre-rulemaking started in 2019



- Stakeholder workshops 2019-2021
- Staff Report 2021



- Staff report workshop 2021
- MIDAS workshop 2021

Rulemaking opened December 2021



- 45-day comment and public comment meeting Feb 2022
- First 15-day comment period April 2022



- Second 15-day comment period July 2022
- Third 15-day comment period Sept 2022



Staff Recommendation

- *Adopt Staff's finding that rulemaking is exempt from CEQA.*
- *Approve proposed amendments to Load Management Standards*





Thank You!

Load Management Website:

www.energy.ca.gov/proceedings/energy-commission-proceedings/load-management-rulemaking

Questions:

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