

DOCKETED

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Distributed Energy Resources in California's Energy Future Proceeding - Overview

Liz Gill, PhD

Program Manager, Electric Resource Analysis Branch



Primary Objectives for the *DERs in California's Energy Future* Proceeding

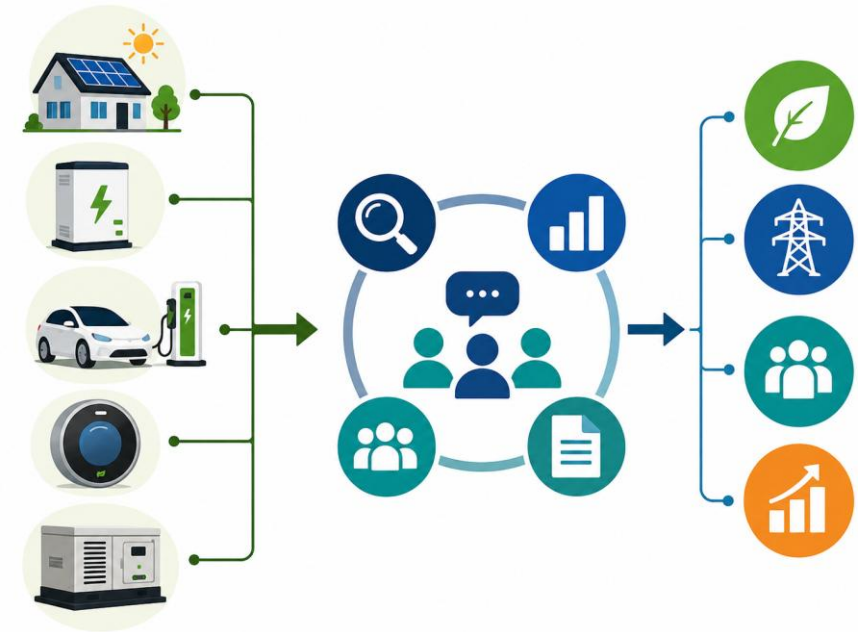
Collect information, conduct assessments, and investigate trends in DER technology, capability, deployment, cost, and customer value and adoption.

Investigate policies and regulations to optimize DER benefits and value in support of advancing state goals for decarbonization, resilience, affordability, and environmental justice and equity.

Support recommendations for the role of DERs in California's energy future.

Defining DERs

- A diverse category of devices and technologies that interface with the electricity system at the distribution level, either directly connected to a distribution utility's wires or on an end-use customer's premises, behind the utility meter.
- The DER umbrella includes:
 - ✓ Distributed generation and storage,
 - ✓ Electric vehicles and charging stations,
 - ✓ Grid-interactive buildings and microgrids,
 - ✓ Demand response and energy efficiency.





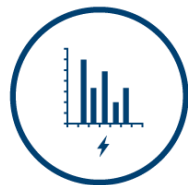
Recent DER OIIP Related Activities



AMI Data collection, cleaning and analysis



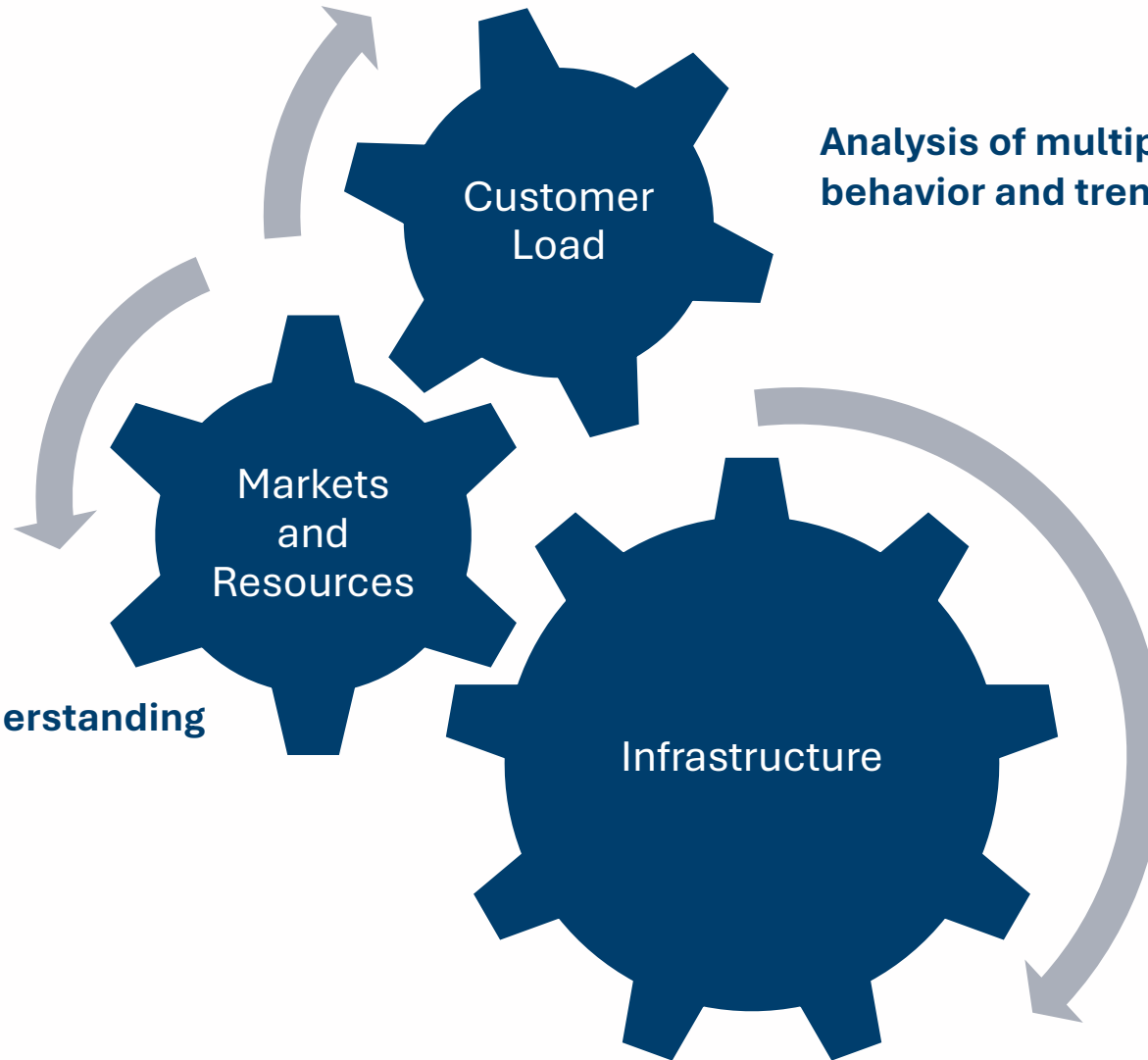
SB 846 Load Flex Goal



SSDR qualifying capacity (QC) workgroup

Developing More Granular Analysis

Analysis must represent three key dynamics



Analysis of multiple data streams to characterize behavior and trends across years and events

Represent distribution system configuration and use

Market analysis and understanding resource landscape

Today's Agenda



Session 1: CEC's Use of Advanced Metering Analytics for Grid Planning

Lunch

Session 2: Overview of Front-of-the-Meter DER in California

- CEC Staff Presentation: An Overview of Front-of-the-Meter DER in California
- Interagency Updates
- Panel 1: Load Serving Entity Perspectives
- Panel 2: Developer Perspectives



Thank you!

Liz Gill
Liz.Gill@energy.ca.gov