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SB 846 Load Flex Update

Liz Gill, Program Manager, Reliability Analysis Branch June 25, 2025



SB 846 Load Flex Requirements

Adopt a **goal for load shifting** to reduce net peak electrical demand and shall adjust this target in each IEPR.

Recommend **policies to increase demand response and load shifting** that do not increase greenhouse gas emissions or increase electric rates.

PRC 25302.7



Why is Demand Flexibility needed?

Decarbonization is driving electrification.



Electrification is driving demand growth.

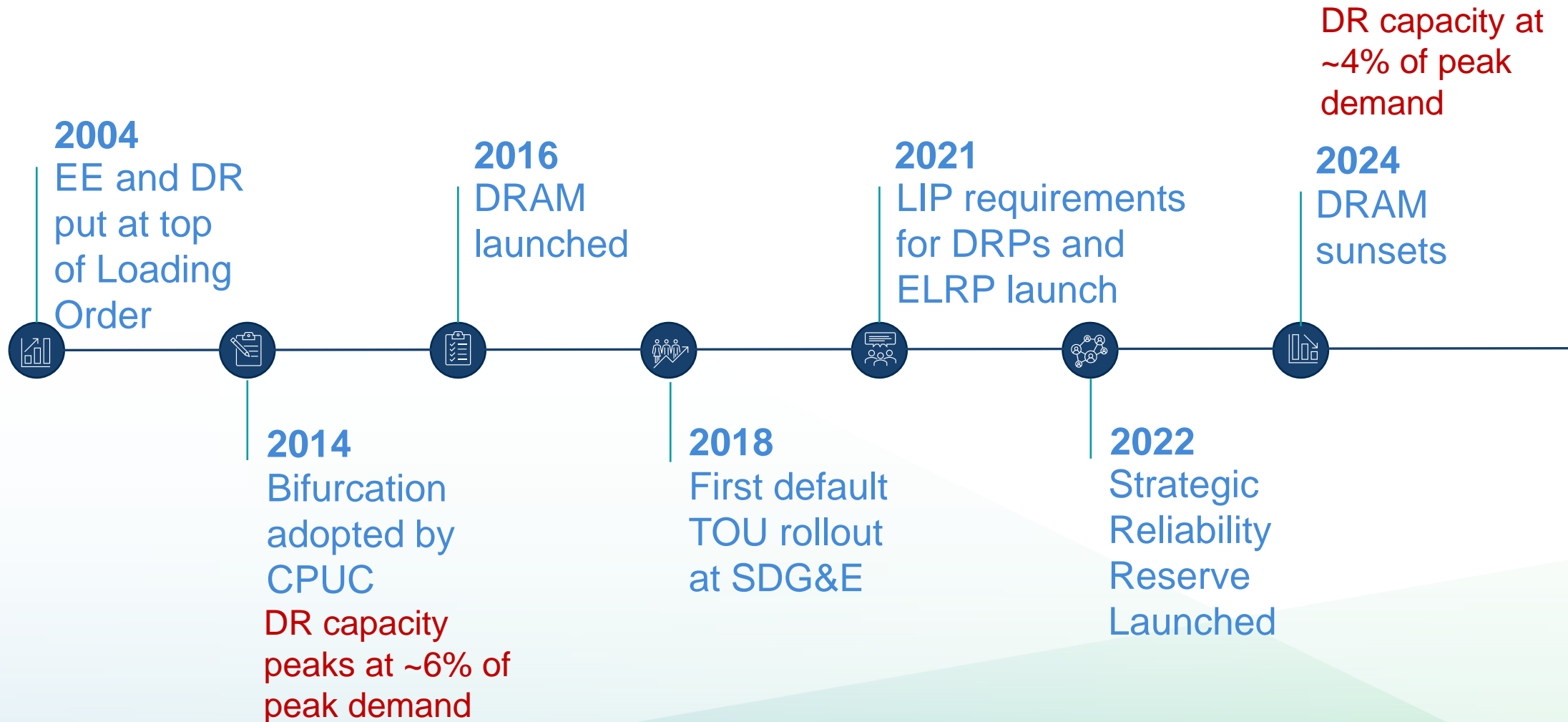


Demand flexibility can help manage this growth and reduce costs.





California Demand Response Evolution (2004–2025)





CA's Demand Flex Resource Stack and SB 846 2030 Goal

Category	Intervention	Demand Flex Form	Dispatch	2030 Goal	Tools
Load Modifying	<ul style="list-style-type: none">TOU RatesDynamic PricingLM Programs	Shape	Out-of-market	3,000 MW	<ul style="list-style-type: none">Load Management Standards;Rates (TOU and CalFUSE);Infrastructure (MIDAS, AMI, and Data Access Platform);Codes and Standards (FDAS, Interoperability, and Cybersecurity);Programs (PDR, RDRR, ELRP, DSGS, and DEBA)Technologies (VGI, VPP, Energy Storage, Smart Appliances, Smart Panels, and EMS)
Resource Planning and Procurement	<ul style="list-style-type: none">Economic Supply-side DRReliability Supply-Side DRPOU DR Programs (Non-ISO)	Shift/Shed	Market Integrated	4,000 MW	
Incremental and Emergency (I&E)	<ul style="list-style-type: none">I&E ProgramsEmergency Back-Up Generators*	Shift/Shed	Out-of-market		



2025 IEPR Report Objectives

- Progress and updates on load flex in California
- Stakeholder feedback on strategies



Thank You!