

DOCKETED

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Project Title:	Accelerating Interconnection and Energization
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California Energy Commission

- Title: IEPR Commissioner Workshop – Accelerating Interconnection and Energization
- Presenter: Hannah Griggs
- Date: August 11, 2025



Workshop Schedule

- Welcome
- Opening Remarks
- Overview
- Bulk Grid Interconnection
- Distribution-Level Interconnection and Energization
- Q&A/Public Comments
- Adjourn



Background

AB 1373 (Garcia, Chapter 367, Statutes of 2023)

*“As part of the 2025 edition of the integrated energy policy report, the commission, in consultation with the Public Utilities Commission, **shall assess barriers to electricity interconnection and energization and provide recommendations on how to accelerate those processes, as appropriate.**”*



Background

California has ambitious energy goals

- 100% clean energy by 2045
- 1 million public EV chargers and 6 million heat pumps by 2030

» California's goals require an unprecedented scale-up of clean energy resources and electrified infrastructure



Clean Energy Deployment

Interconnection

- Connecting generating and storage resources that provide electricity to the grid

Energization

- Connecting customer-owned resources and loads to the distribution system

» **Interconnecting and energizing** clean energy resources are key to California achieving its energy goals



Clean Energy Deployment

Interconnection

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Bulk Transmission System

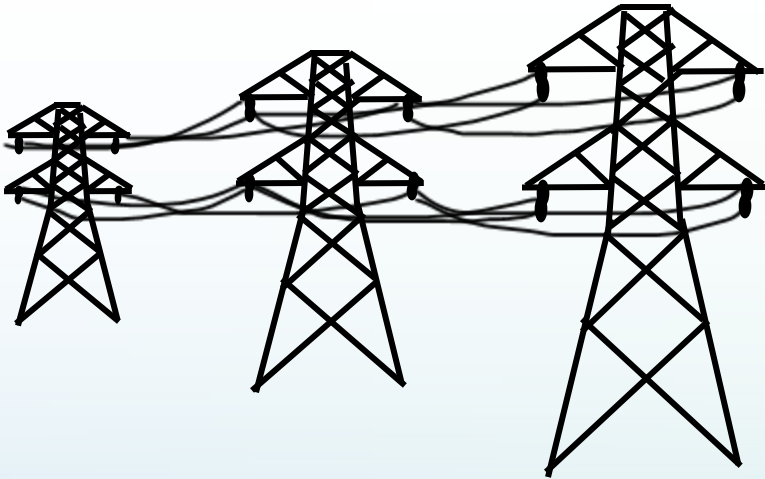
Distribution System



Clean Energy Deployment

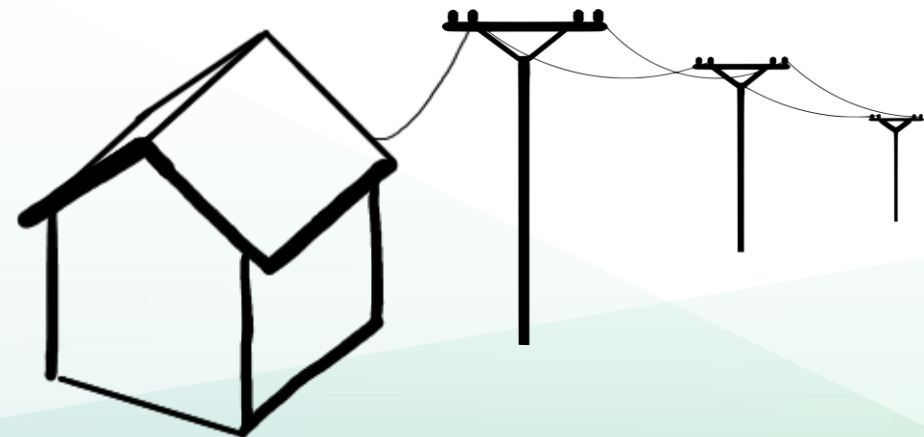
Bulk Transmission System

- High-voltage, transmits electricity over long distances
- Interconnection – generating and storage resources (wind, solar, storage, geothermal, etc.)



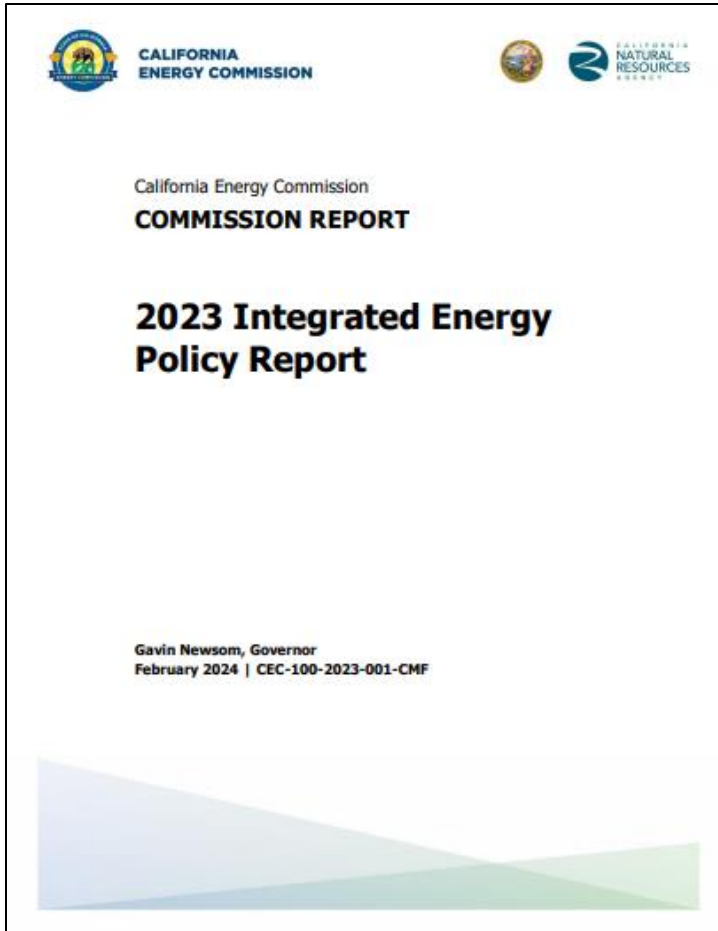
Distribution System

- Lower-voltage, takes power from transmission system and connects to customers and their behind-the-meter devices
- Interconnection – solar, storage, bidirectional EV charging, etc.
- Energization – conventional EV charging, buildings, etc.





2023 IEPR



2023 Integrated Energy Policy Report Topics

Accelerated Connection of Clean Energy

California Energy Demand Forecast

Potential Growth of Hydrogen in California

Updates on key issues



2023 IEPR

Accelerated Connection of Clean Energy

Key Considerations Highlighted in 2023:

- Timeline to deployment
- Resource procurement and transmission planning
- Ratepayer impacts
- Process transparency
- Permitting reform



2023 IEPR

Accelerated Connection of Clean Energy

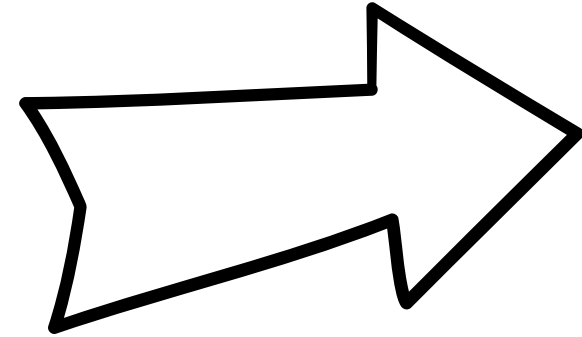
Key Recommendations from 2023 Report:

- Inter-agency Coordination
- Expanded Proactive Investment in Grid Infrastructure
- Data Transparency
- Explore Funding to Limit Ratepayer Burdens



2025 IEPR – Accelerating Interconnection & Energization

- Improvements since 2023
- Ongoing initiatives





Thank You!

Hannah Griggs

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