

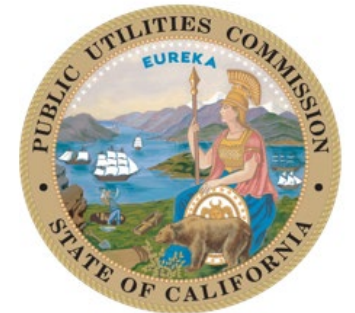
Electric Distribution Planning

Assembly Utilities & Energy Committee Informational Hearing

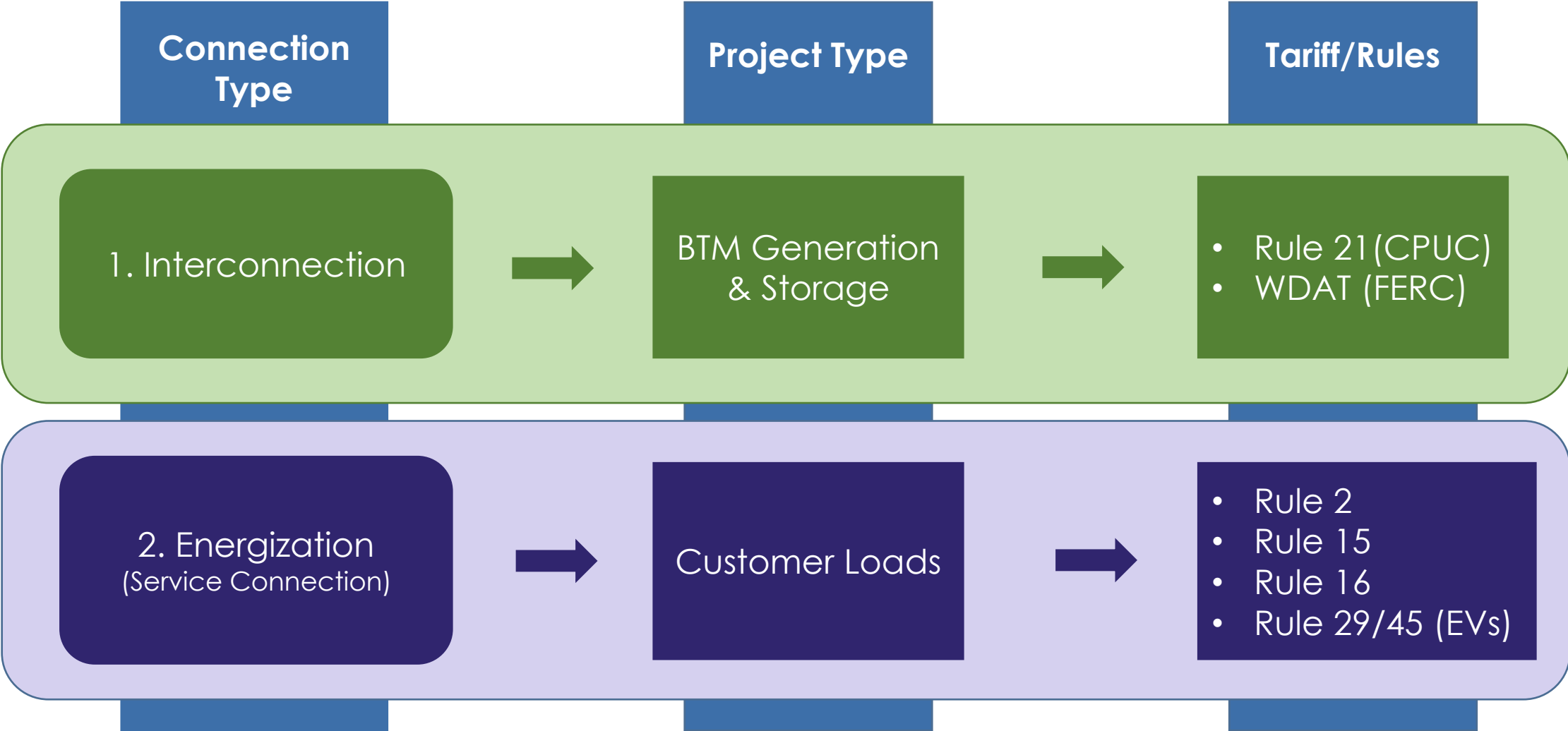
Leuwam Tesfai, Deputy Executive Director for Energy & Climate Policy

California Public Utilities Commission

May 24, 2023



Connections to the Distribution System - *Overview*



Short Term: CPUC Efforts to Support Timely Energization



Internal Response Team

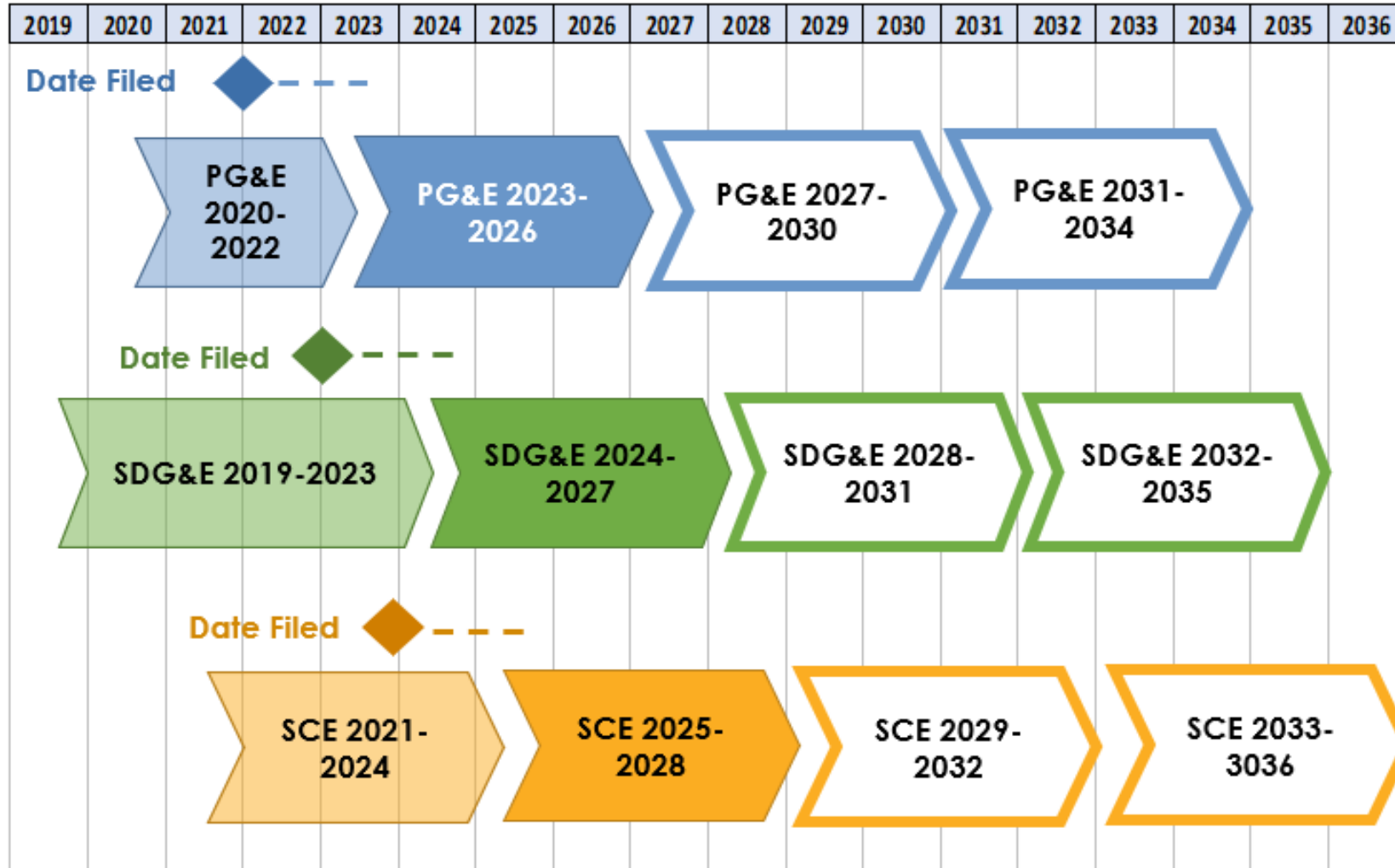


New EV Energization Rules



Load Integration Capacity Maps

Medium Term: General Rate Cases – *Distribution Investments*



Long Term: High Distributed Energy Resources (DER) Grid Planning Proceeding

- **Distribution Planning Process and Data Improvements**
 - **Phase 1:** Near-Term Actions
 - **Phase 2:** Distribution Planning Process Improvements
- **Topics**
 - Utility Distribution Planning Processes
 - Electrification Impacts
 - Data Sharing and Transparency
 - Community Engagement



Infrastructure Planning to Support Transportation Electrification

- Proactively planning for future transportation electrification loads can help ensure that long-lead time infrastructure (e.g., substations) are built and ready to serve future new transportation charging needs.
- **Freight Infrastructure Implementation (FIP) Framework**
 - Planning for medium and long-lead time medium/heavy duty (M/HD) electrical vehicle loads (~3-20 years).
 - Interagency coordination with California Energy Commission, California Transportation Commission, California Air Resources Board, and California Independent System Operator





California Public Utilities Commission

www.cpuc.ca.gov