



Together, Building
a Better California

Transmission Development Forum

PG&E's Generation Interconnection Process Improvements

April 9, 2025

Capacity Delivery Center (CDC)

The CDC facilitates the on-time delivery of electric capacity for PG&E customers (Distribution and Transmission, Generation and Large Load).



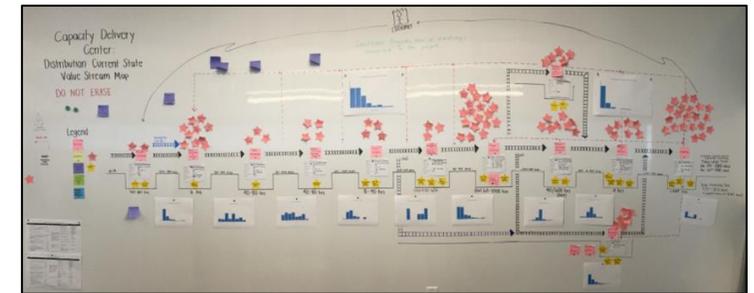
Visualizing the Delivery of Capacity for Customers

- Located at PG&E's Oakland General Office
- Engage key stakeholders to bring visibility to PG&E's Portfolio of Work
- Strategize to address barriers to delivery on customer commitments



A Command Center

- Regular Operating Rhythms on the status of capacity projects
- Identify escalations and develop catch-back plans to mitigate risks
- Monthly report out on status of in-year metrics for capacity projects



A Lean Operations Hub

- Visualize project delivery process
- Analyze data to identify opportunities for improvement
- Implement efficiencies to better serve capacity customers through problem solving



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Generation Interconnection Process Improvements

PG&E values new Generation. Here is what we are doing

- **Capacity Delivery Center**
 - Established a Monthly Operating review of in-flight Generation work to monitor health and delivery status interconnections and their network upgrade dependencies
- **Integrated Grid Planning**
 - Established a 10-year plan and process to identify funding for the pipeline of new Cluster Studied generation projects in Queue
- **Process Enhancements**
 - Value Stream Mapping - Identifying key pain points in the end-to-end process flows and seeking high value solutions
 - Developed new pro-forma contracts for Engineering & Procurement (E&P) agreements to align with changes in the CAISO IPE
 - Ensuring 3rd financial securities are being posted 120 days after signing agreements
 - Funding projects to completion once they have passed their scoping phase gate removing the start-stop paradigm



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Generation Interconnection Process Improvements

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- **Network Upgrades**
 - Enhanced focus on TDF Tracking of Queue Project Dependencies
 - Triggering network upgrades upon first signing a dependent Interconnection Agreement
 - Seeking Uprates where possible to minimize Breaker Replacements when uprates are possible, saving time & money
- **Long Lead Materials**
 - Materials Purchasing Program for demand forecasting, authorizing, and bulk-ordering
 - Piloting with suppliers to increase sourcing options for Circuit Breakers
 - Utilizing pre-negotiated developer production slots when available
- **Resourcing**
 - Established a dedicated Engineering Team to support the Substation Interconnection Engineering Process
 - Aligning Resource Engagement Front Door Processes to gain efficiency on establishing project teams
 - Strategic partnering with PG&E's PMO and develops to manage new interconnections end-to-end