



Demand Analysis Working Group – Known Loads

Cristy Sanada, Asish Gautam, Bobby Wilson

8/12/2026



2026 IEPR Forecast

Meetings and Workshops

Date	Meeting
Aug 12; 10-12pm	DAWG: Known Loads
Aug 12; 1-3pm	DAWG: Data Centers
Aug 14; 10-12pm	DAWG: Inputs & Assumptions
Aug 20; 1-5pm	IEPR Workshop: Inputs and Assumptions
Aug 31; 9-12:30pm	IEPR Workshop: Load Modifier Inputs and Assumptions
Nov 12	IEPR Workshop: Load Modifier Draft Forecast
Dec 14	IEPR Workshop: Overall Draft Forecast

DAWG Meetings (<https://www.energy.ca.gov/programs-and-topics/topics/energy-assessment/demand-analysis-working-group-dawg/dawg-meetings-and>)

IEPR Workshops (<https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report-iepr/2026-integrated-energy-policy-report/2026>)



Agenda

- Recap 2025 IEPR Forecast – Outcomes and Approach (30 minutes)
 - Cristy Sanada and Asish Gautam, CEC
- Known Loads Data Analysis (30 minutes)
 - Bobby Wilson, CEC
- Panel Discussion (45 minutes)
 - Mark Jimenez, PG&E
 - Chris Ohlheiser and Brent Buffington, SCE
 - Alberto Amparan Lozoya, SDG&E
- Open Discussion



2025 Overview



2025: Assessing Known Loads



What are Known Loads?

- Energization requests at the distribution system level
- Project-level data from each Investor-owned utility

Potential Reliability Risks

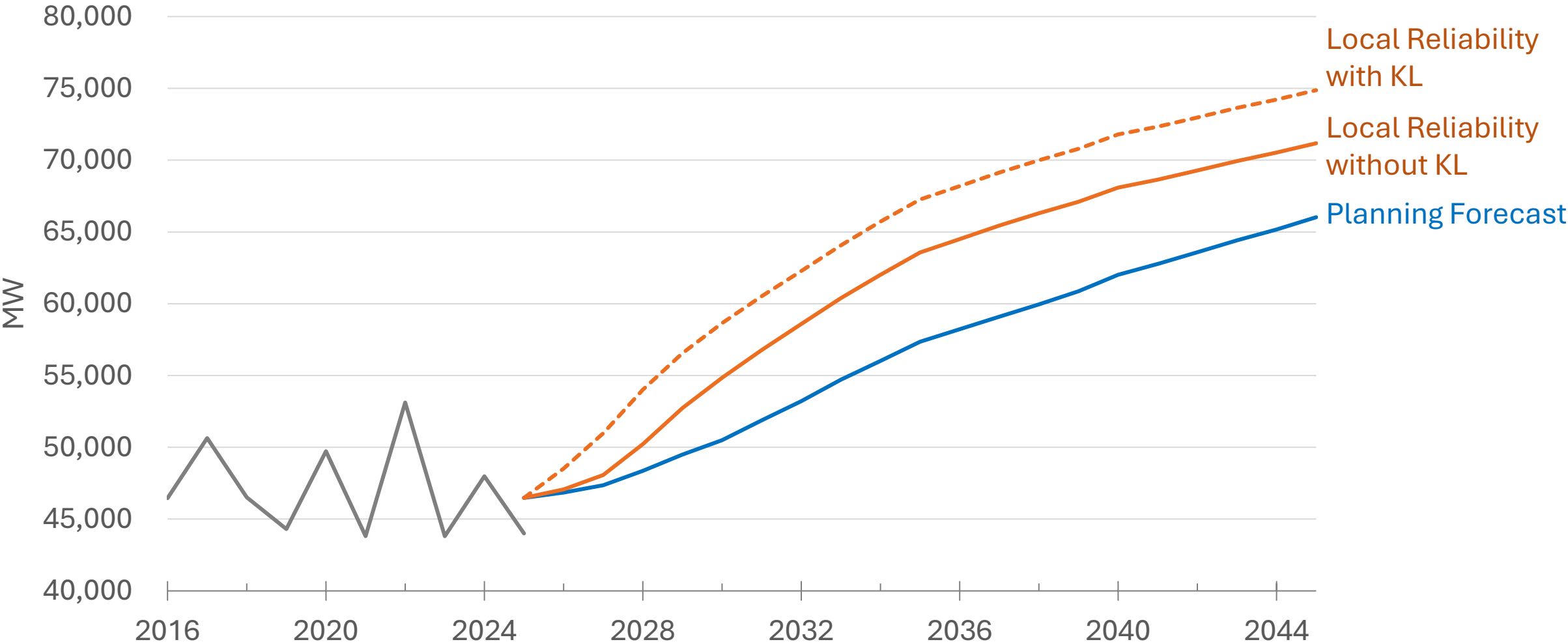
- Gap between transmission and distribution planning
- Backlog of projects that exceed growth in the IEPR forecast

Other Considerations

- 2025 was the first year that CEC has used the known load data
- Lack of historical record
- Interaction with CEC modeling
- Balance resource procurement obligations with grid planning



2025 IEPR: CAISO System Annual Peak Forecast





2025: Joint Agency and CAISO Decision on Forecast Composition by Use Case

System/Flex Resource Adequacy	Local Capacity Studies	Transmission Local Studies	Integrated Resource Planning & Transmission Bulk System
Forecast Composition: 2025 IEPR Planning without Known Loads	Forecast Composition: 2025 IEPR Local Reliability without Known Loads	Forecast Composition: 2025 IEPR Local Reliability Forecast with Known Loads	Forecast Composition: 2024 IEPR Planning Forecast

- Monitor known loads throughout 2026 for 2027 reliability
- Run CEC’s summer reliability assessment with and without known loads

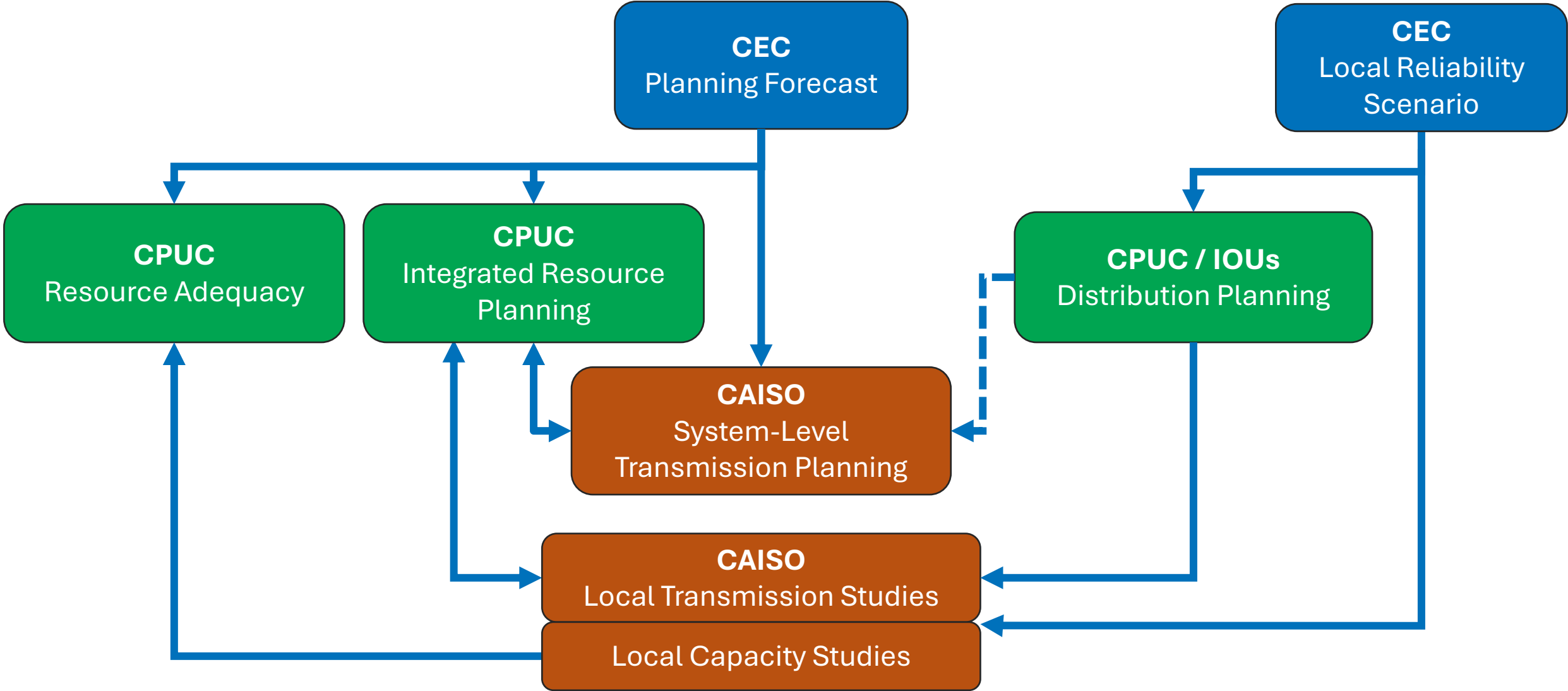
- CAISO to use separate scenarios for Local Capacity Studies and Transmission Local Studies

- Uncertainty with known loads, data centers
- Stability in resource and infrastructure planning



Planning Challenge

Distribution and System Planning are Related



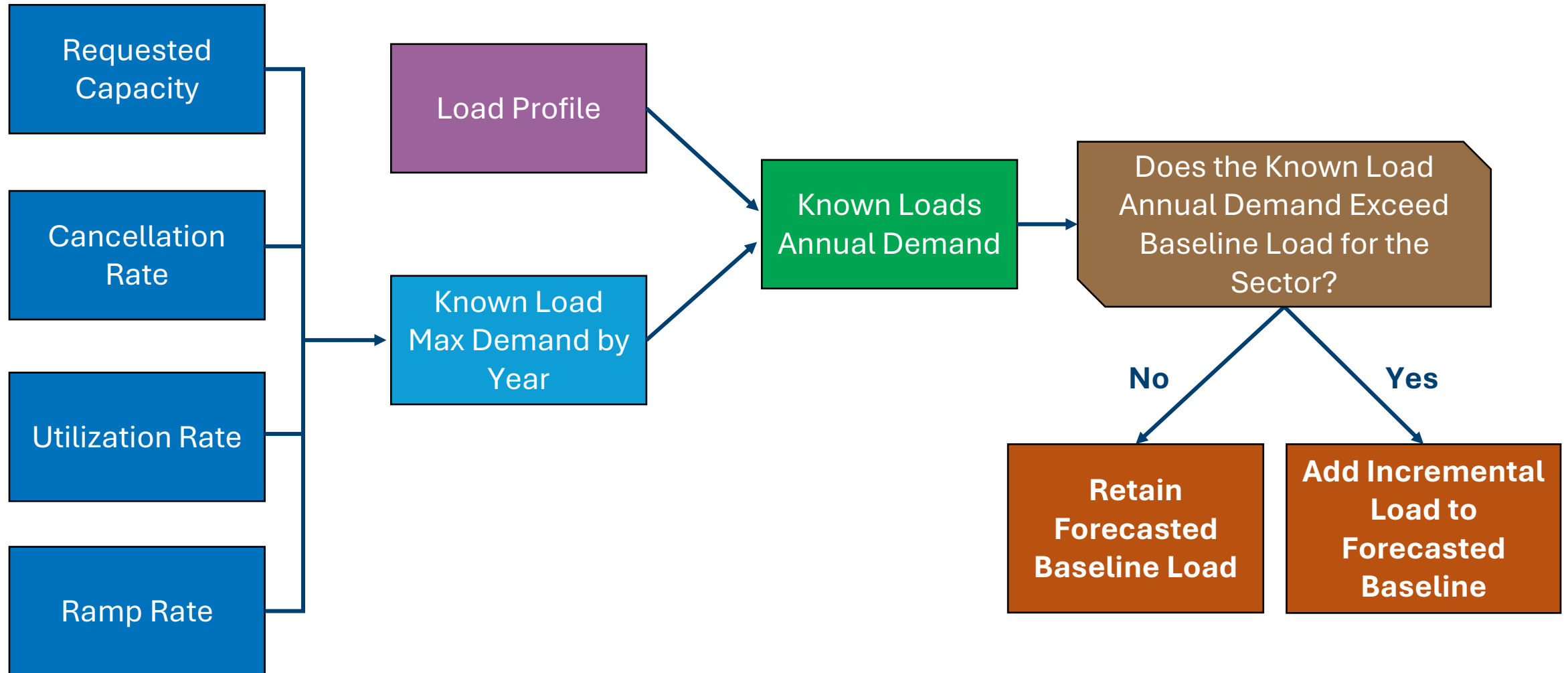


2025 Methodology Overview



2025: Estimating Known Load Impacts

Relied on Data and Assumptions from IOU distribution planning teams





2026 Priorities

- Continue discussions with IOUs, CPUC, and CAISO
- Assess AMI data for completed known loads and apply adjustments
- Estimate and remove double-counting from multiple sources
 - Behind-the-meter PV and storage
 - Energy efficiency
 - Building electrification
 - EV charging

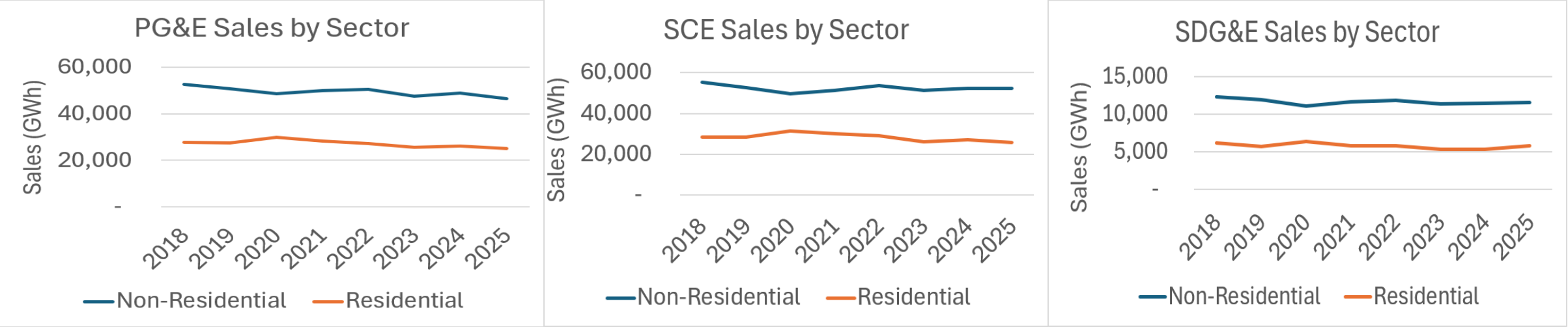


Known Load Data Availability

- CEC staff worked with CPUC staff to issue a data request to IOUs
- Data received in June with update expected in Fall
- Project-level information including Expected Energization Date, Capacity Requested, Sector Type, Project Location, Meter ID, and Load Profiles
- Additional data request on count of projects, floorspace, DER capacity, electrification status, and EV load embedded in capacity requested on hold
 - Current IOU processes would require manual compilation of data, data quality is uncertain, and data would likely not be available in time for 2026 IEPR
 - CEC staff will continue to work with IOUs to enhance known load data streams



Historical Utility Sales Data



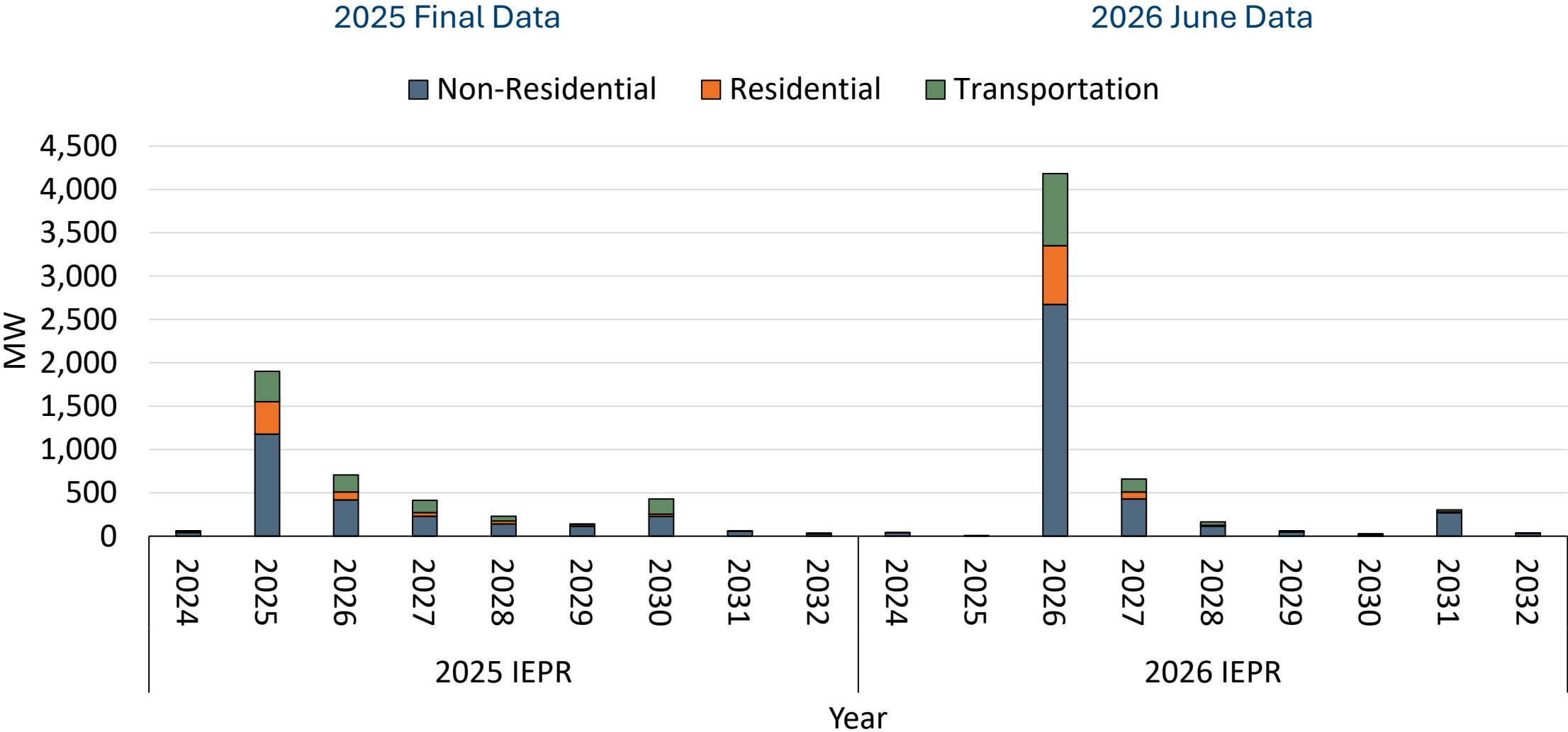


June 2026 Data



PG&E Known Loads Capacity Requests

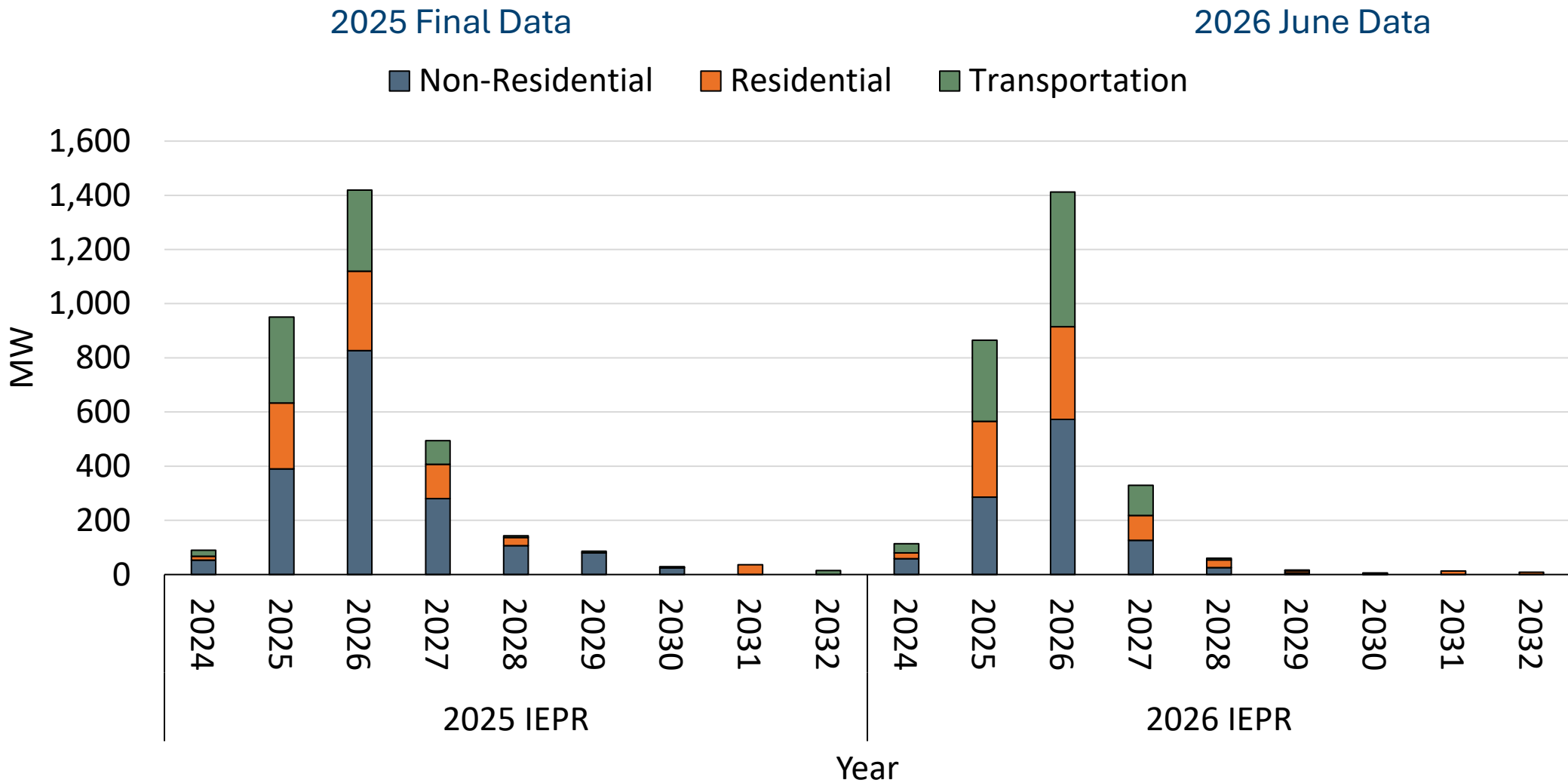
Preliminary Analysis





SCE Known Loads Capacity Requests

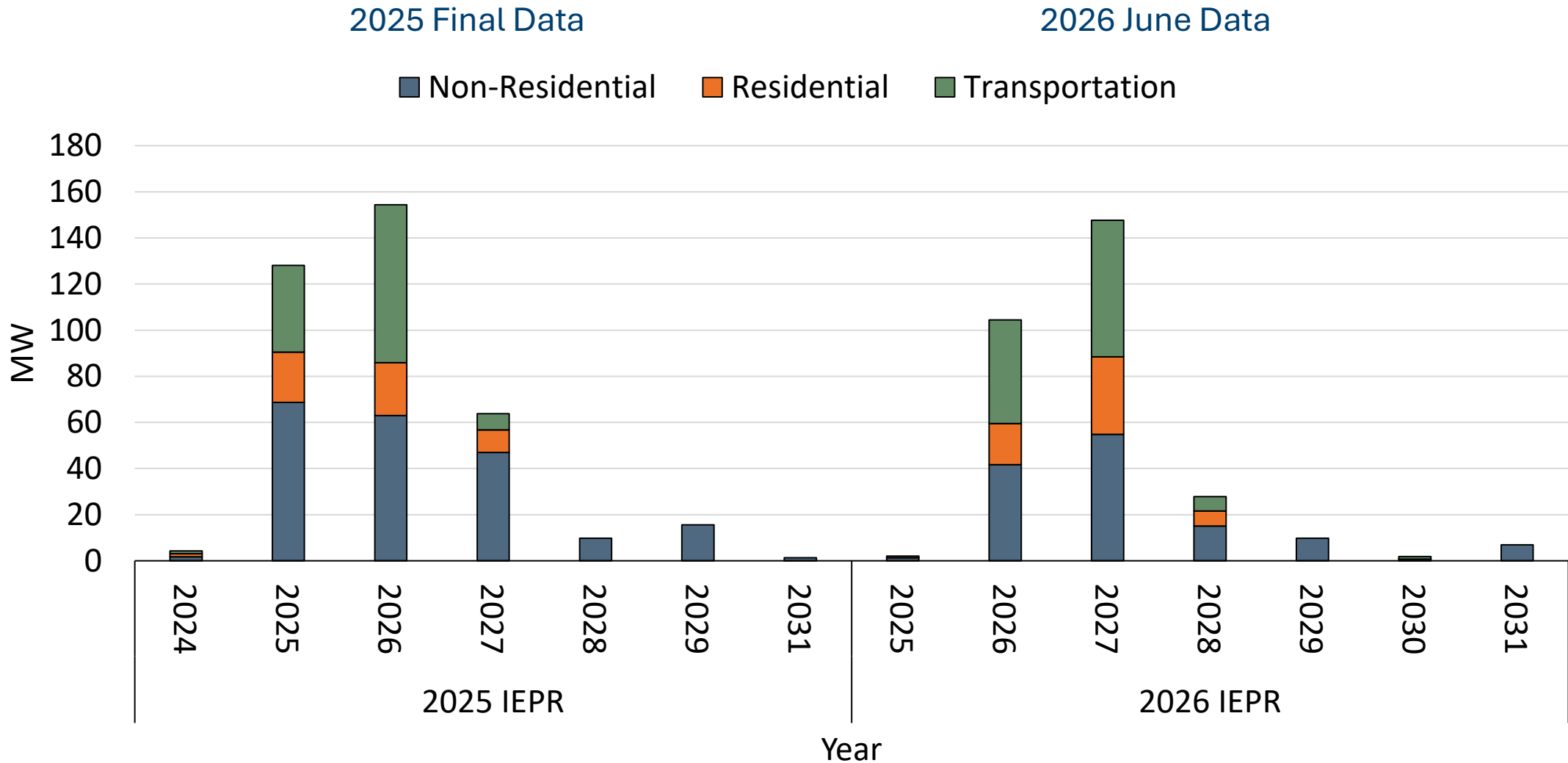
Preliminary Analysis





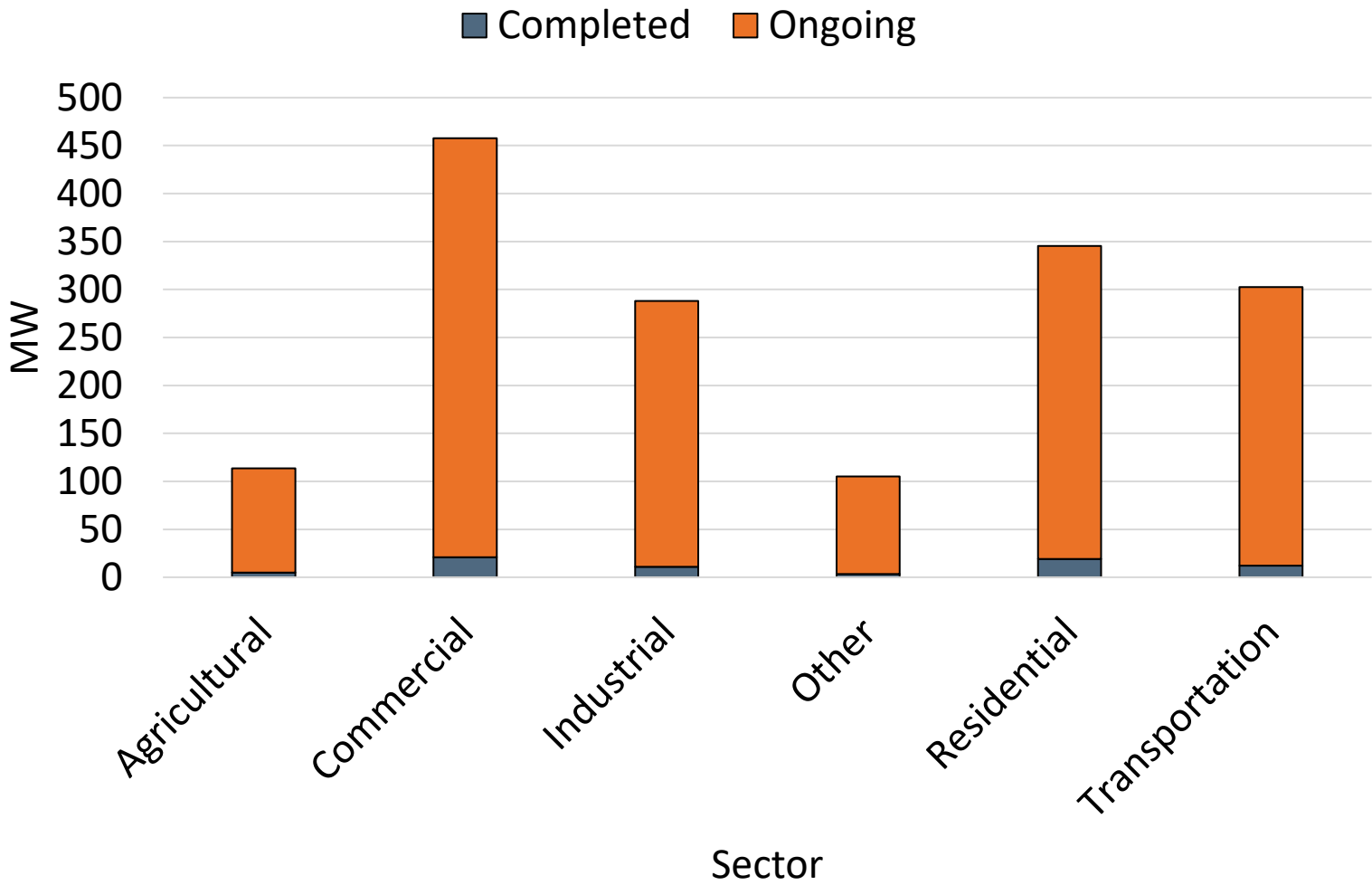
SDG&E Known Loads Capacity Requests

Preliminary Analysis





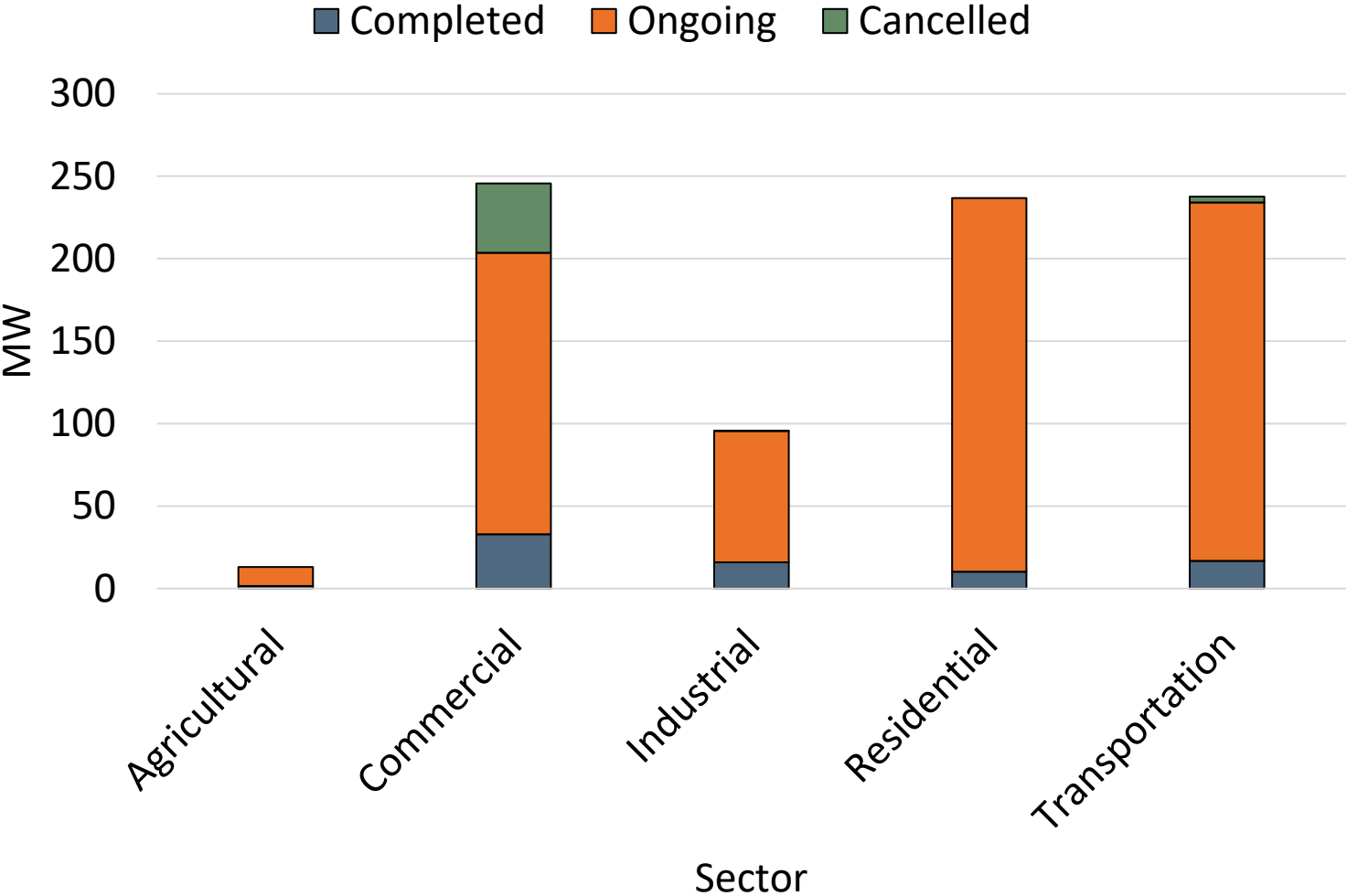
PG&E: Status of 2025 IEPR Known Loads Projects with an Expected Energization Date in 2025



Status	MW
Completed	70
Ongoing	1540
No Match	290
Cancelled	N/A
Total	1900



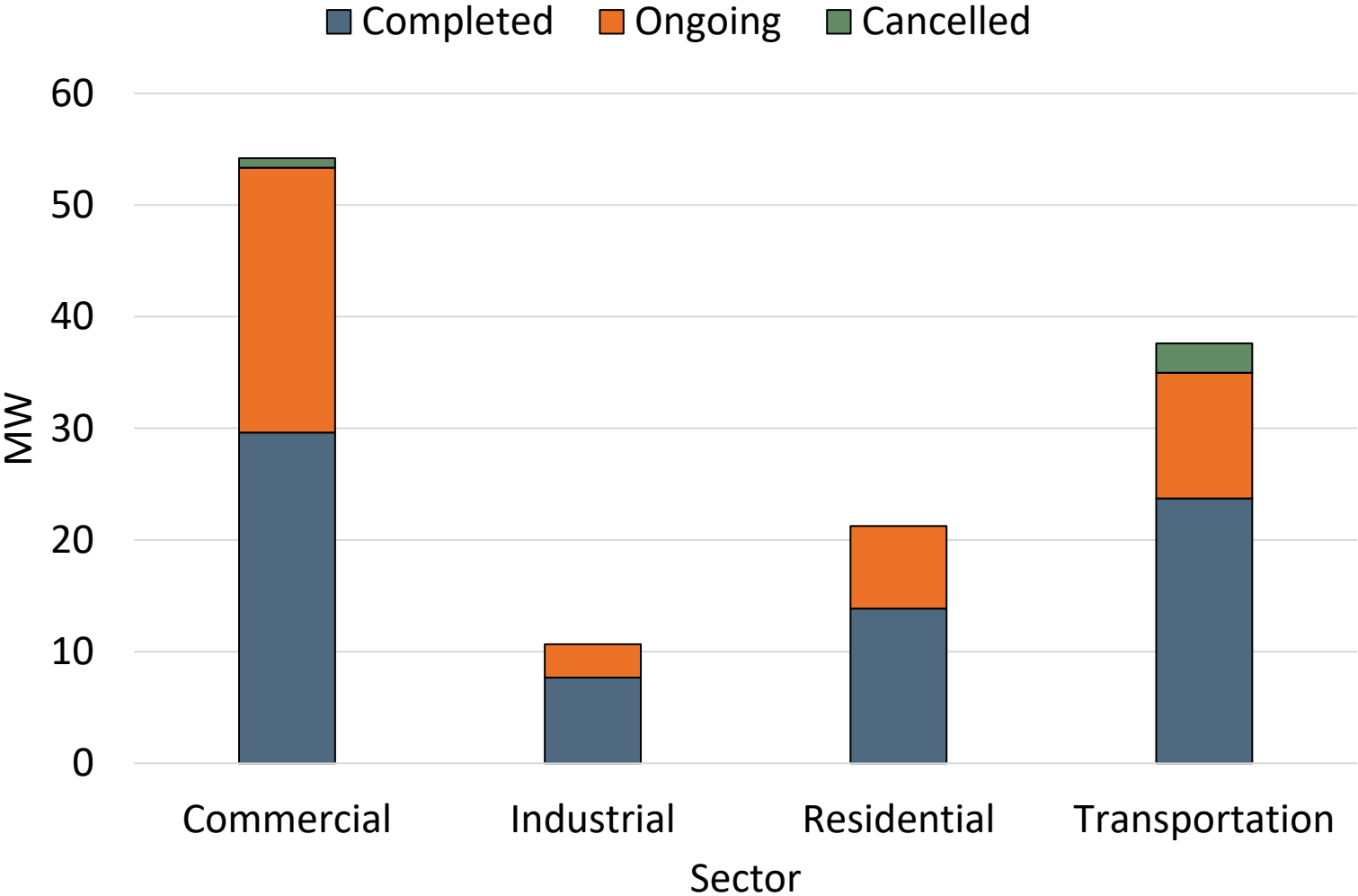
SCE: Status of 2025 IEPR Known Loads Projects with an Expected Energization Date in 2025



Status	MW
Completed	77
Ongoing	706
No Match	121
Cancelled	46
Total	950



SDG&E: Status of 2025 IEPR Known Loads Projects with an Expected Energization Date in 2025



Status	MW
Completed	75
Ongoing	45
No Match	6
Cancelled	4
Total	130

Thank You!

Questions?



Cristy Sanada, Asish Gautam, and Bobby Wilson
Energy Assessments Division



Known Loads Panel Discussion