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Customer Energization Requests (Known Loads)

November 12, 2026

Customer Energization Request (Known Load) Data

What are known loads?

- Energization requests at the distribution system level
- Project level data from each Investor-Owned Utility
  - Capacity
  - Customer sector
  - Energization date
  - Load profiles

Examples

- Apartment buildings
- Single family housing developments
- Warehouses
- Retail stores
- Medical facilities
- Schools and colleges
- Industrial facilities
- EV charging stations



2025 IEPR: Assessing Known Loads

- 2025 IEPR 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
2025 IEPR Planning without Known Loads	2025 IEPR Local Reliability without Known Loads	2025 IEPR Local Reliability Forecast with Known Loads	2024 IEPR Planning Forecast

Potential Reliability Risks

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

Uncertainties

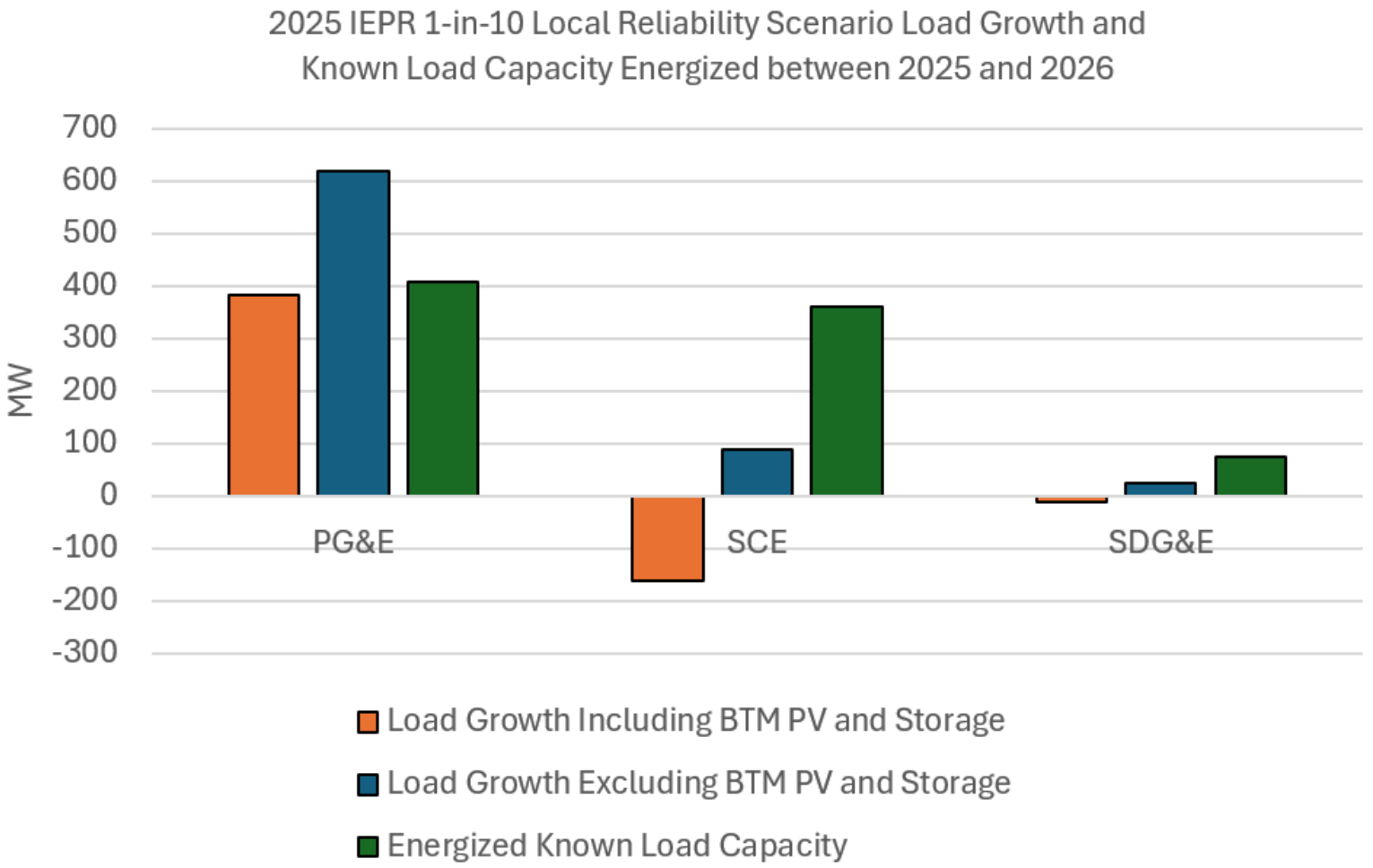
- 2025 was the first year that CEC has used the known load data
- Lack of historical record
- Interactions with CEC modeling

2026 IEPR: Treatment of Known Loads

- Staff proposes to not include customer energization requests (known loads) as a distinct component of the 2026 IEPR forecast
- Continued uncertainties with known load data and concerns about its direct use in the IEPR forecast:
  - Accuracy of energization timelines in the known load data
  - Project completion and cancellation rates
  - Risk of double counting demand impacts if the IEPR forecast already accounts for the load growth that known loads represent
  - Lack of information to effectively translate distribution-connected loads into the system-level IEPR forecast

Load growth in the IEPR forecast

- The 1-in-10 Local Reliability Scenario is used in local transmission and utility distribution planning
- The IEPR forecast accounts for growth that known load energizations represent
- Energized known load capacity would translate to a lower total load impact in the IEPR forecast after accounting for load profiles, utilization factors, coincidence, and BTM PV and storage impacts



Source: CEC staff