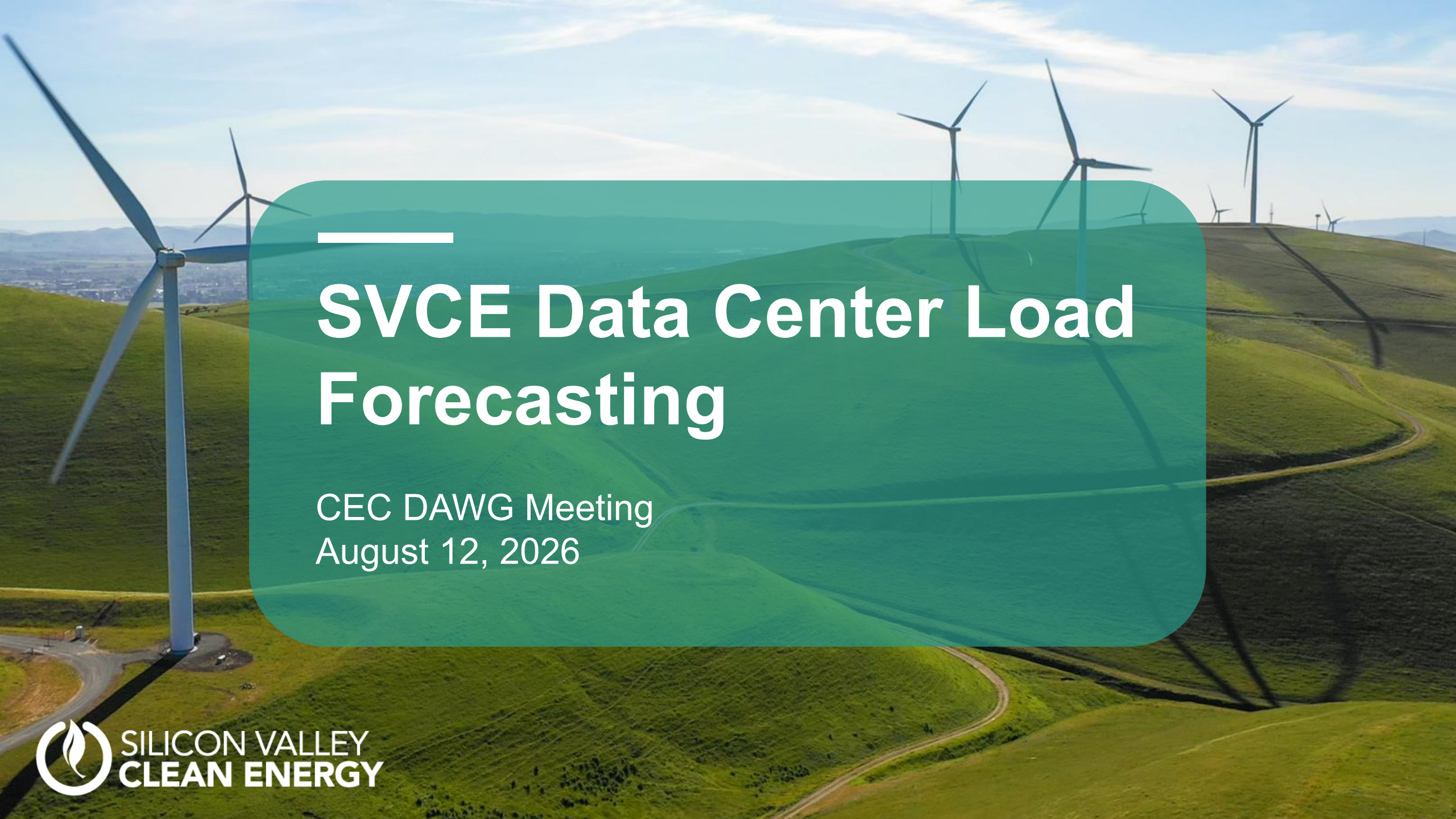


DOCKETED	
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Document Title:	SVCE Data Center Load Forecasting
Description:	N/A
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A photograph of several wind turbines on rolling green hills under a blue sky with light clouds. The turbines are white with three blades each. The hills are covered in green grass, and a dirt road winds through the landscape. In the background, a city is visible in a valley.

SVCE Data Center Load Forecasting

CEC DAWG Meeting
August 12, 2026



Data Center Load Forecast Overview

SVCE aims to develop a defensible and actionable load forecast, primarily intended to support internal budgeting and resource planning decisions. This forecast is consistent with its compliance filings to the CEC and other organizations.

- **Data Collection:**
 - PG&E Rule 30 applications
 - Customer outreach and communication
 - Outreach and continuous communication with cities
- **Screen and Validate information.** SVCE staff assess the project maturity based on customer commitment, permitting status, construction progress and expected online dates.
- **Continuous monitoring and forecast updates.** SVCE staff regularly compare forecast assumptions with actual project progress and load realization, and update the forecast based on new information.



Data Center Load Forecast Overview

Once a project is deemed “likely” to come online it is added to the load forecast. Projects are either “in” or “out”.

- To date, SVCE has received interconnection dates and ramping schedules from customers.
- If a customer can not provide a shape, SVCE assumes a blend of known existing data center historical shapes and a load shape developed by Energy + Environmental Economics (E3).
- The forecast relies on CEC methodology for converting capacity to energy value (load factors, PUE, etc.).

Key Issues:

- **Limited and inconsistent data sources.** Due to the limited value of Rule 30 application information, SVCE relies heavily on information from customers and cities. However, in many instances PG&E's timeline is often the binding constraint.
- **Limited sample size.** SVCE's known data center pipeline is small; developing standardized assumptions based on experience is virtually impossible.

Desired Improvements:

- Ability to cross collaborate with key parties (IOUs, CEC, etc.) on key milestones and inputs.
- Opportunity to revise forecasts and compliance obligations as new information arises.
- Clear data center allocation process.