Cascade **Energy** ®

Cal TF Data Charrette
The Implementer's Perspective

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June 21, 2023

Cascade's Background in California

- **Non-Res Energy Efficiency for IOUs (focus on Industrial customers)**
  - PG&E
  - SDG&E
  - SCE
  - SoCalGas

- **Member of CalTF**

- **Extensive experience in Non-Res EE programs across North America**

Topics

Data Quality
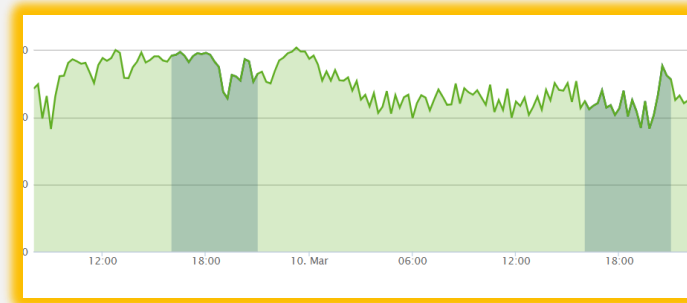
Consistency

Tools

Data Quality

VS

For the TSB Prize

Consistency

- **Searching for the Alexa of energy data**
  - Single interface
  - Common APIs
  - Consistent commands
- **BUT …**
- **Cybersecurity is different for the same outcomes**
- **CET input requirements are different for the same regulatory goals**
- **Data request procedures and formats are different**
- **Metadata (name, address, etc.) looks different**
  - Can have poor equity outcomes

Tools

- **Everything is compared to Google and Microsoft**
  - Easy Search
  - Full Customization

- **BUT …**

- **CET can be finicky and overly broad in load profiles**

- **CEDARS lacks comprehensive search**

- **eTRM is missing tools and downloads**