MOSAIC

Is This Thing On?

Mosaic Solar Connectivity Challenge

SunCode 2019

Oakland, CA

Nav & David: *Hacked This, Built That*
Holger & Rodin: *Wrangled the Data, Did the Math*
John: *Eye Candy*

Challenge:

- "Find a way to determine with a level of confidence that a just installed residential PV system has been energized i.e., 'turned on'."

- This Is A Big Deal!
  - For the Customer
  - For the Installer
  - For Mosaic

Install → Connect → Notify

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Solution:

- Machine-learning analysis to facilitate smarter human decisions
- Compare historical interval metered load data with similar data after installation date
- More houses makes algorithm better over time

Install → Connect → Notify