Pecan Street's Dataport

What is Pecan Street

- Non-Profit Energy, Gas, and Water R&D

- Based out of University of Texas

- Focus on innovative research
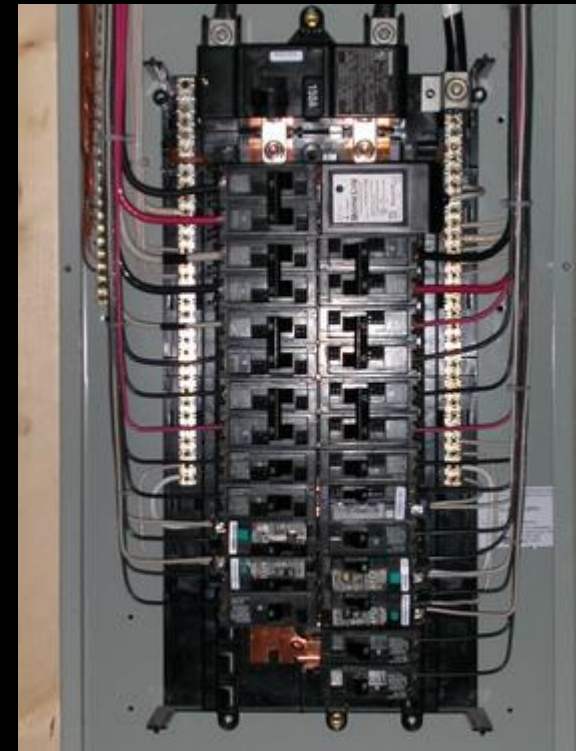
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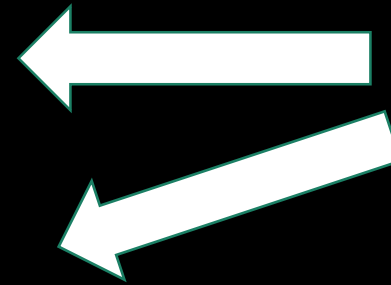
Who have we worked with?

AND MANY MORE

What Pecan Street Monitors

- Electricity Data
  - 1200+ Homes in Extreme Detail
  - 12 – 24 Circuit Breakers in each home
  - 1 second to 1 minute interval for each breaker
- Water Data
  - Water meters – 1s reads
- Gas Data
  - Gas meters – 15s reads
- Weather, Pricing, other data sources

How Do We Monitor?

- eGauge – CT Based Monitor

- BluCube – Smart Meters

- BluBand – Non-smart Water Meters

Look for more of this data in the coming months

Dataport

- Largest collection of free energy data in the world

- Free to academics

- 200B raw records

- 78B records in Dataport

Features

- Raw database access

- Canned visualizations

- Web queries and visualizations for energy, water, and gas

Why I am here today

- I want everybody to use Dataport

- I want to make Dataport better
  - What can we do?
  - Suggestions to me (Grant Fisher) or Kearney Taaffe (lead developer)

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