

Real Customers, Real Data, Real Innovation

Pecan Street's One-of-a-Kind Energy & Water Data Give Researchers, Policy Makers and Technology Companies the Most Granular Insight into Customer Behavior

Pecan Street's research network includes 750 active volunteer participants, including more than 270 solar customers and 100 electric vehicle owners. More than a hundred of our research households contain both energy and water monitoring equipment. Water and energy data are collected at intervals ranging from one second to one minute — 24/7/365 — and can be viewed securely by participants via a phone app or browser. And it's available (securely, without participant identification) to university researchers and Pecan Street clients.

Growing by a billion records a day, our database is the largest real-world open energy database on the planet. Curated datasets of circuit-level energy use from hundreds of homes are available for analysis on Pecan Street's platform or for download for offline use.

Pecan Street offers multiple data licensing options, including direct access to the Dataport commercial database and individual datasets.

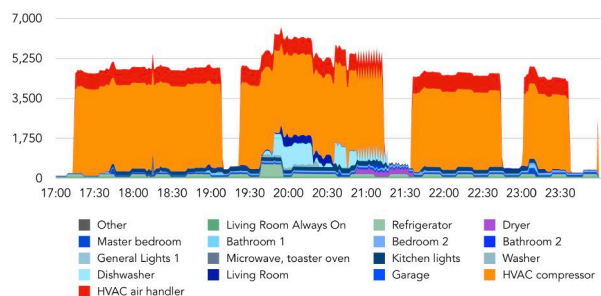
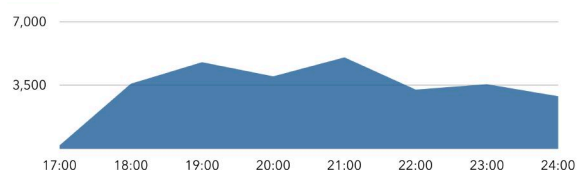


The Highest Resolution Energy Data on the Planet

The difference between common one hour, whole home energy data and Pecan Street's high frequency, disaggregated data is dramatic.

The top chart shows whole home, one-hour energy data between 5pm and midnight.

The bottom chart shows energy use in a home in Pecan Street's research network on the same day. For this home, data was collected every minute from multiple circuits in the home, giving an incredible minute-by-minute understanding of when — and how — electricity was used.



Datasets are available through the following options:

- **Dataport Unlimited** - access to all featured commercial datasets, 2012 to present
- **Dataport Standard** - access to select commercial datasets, 2012 to present
- **A la carte** stand-alone data exports via flat file (\$2,500 minimum order)

Multi-year licenses are available at discounted rates. All uses are subject to Pecan Street's terms and conditions.

Pecan Street Data Pricing Schedule

Feature / Data	Description	Dataport Unlimited 2012-present \$100,000	Dataport Standard 2012-present \$75,000	Price for Individual Datasets
Audit Data	Household audit data for homes, including detailed information about each home, such as appliances, duct leakage testing, and over 100 other house measurements.	✓	✗	\$300 per home
Program Data	Data about homes from specific pricing trials.	✓	✓	\$1,000
EV Meta Data	Data about electric vehicle makes & models	✓	✓	\$1,000
Electricity Data 15 Min Intervals	Home electricity use (real power) and generation data at ground-truth circuit level.	✓	✓	\$150 per home/month.
Electricity Data 1 Minute Intervals	Home electricity use (real power) and generation data at ground-truth circuit level.	✓	✓	\$200 per home/month.
Electricity Data 1 Second Intervals	Home electricity use (real power) and generation data at ground-truth circuit level.	✓	✗	\$1,000 per home/month.
Gas Data	Home gas use data.	✓	✓	\$5,000 for whole dataset or \$20 per home/month.
Indoor Temperature Data	Indoor temperature sensor readings.	✓	✗	\$5,000 for whole dataset or \$20 per home/month.
Sociodemographic Survey Data	Survey responses from 2011, 2012, 2013, 2014 and 2017, including demographics and home features.	✓	✗	\$5,000 for whole dataset or \$200 per home.
Water Data	Home water use data.	✓	✓	\$5,000 for whole dataset or \$20 per home/month.
Weather Data	Weather data for Boulder, Austin, and San Diego, including cloud cover, temperature, humidity and other data points.	✓	✓	\$500 for whole dataset.

Please contact Fisayo Fadelu (ffadelu@pecanstreet.org) for additional information about commercial licenses or to set up a time to discuss the available data in greater detail.