

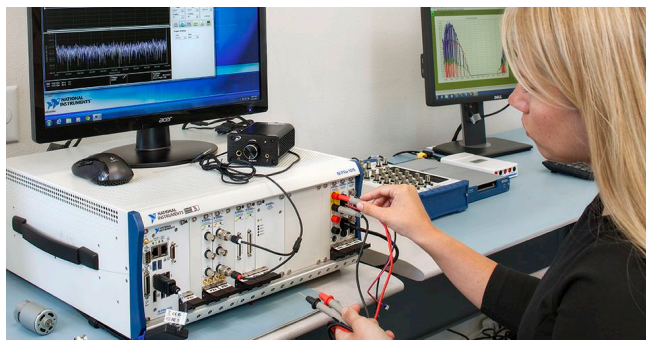
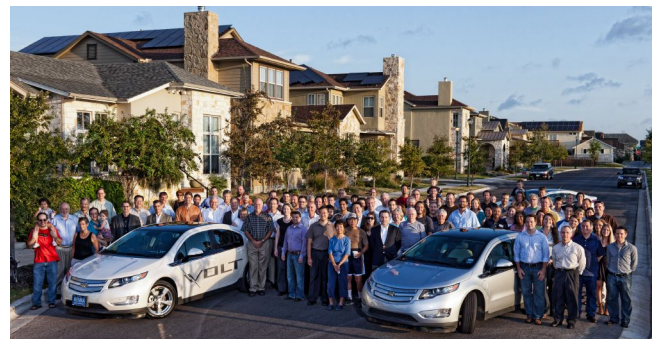
Accelerating Climate Solutions Through Data and Innovation



Pecan Street conducts original research that accelerates innovation in energy, water, transportation, and natural climate solutions. We are deeply committed to equity and collaboration across all aspects of our work. Our nationwide network of volunteer research participants is the first of its kind. Our commercialization lab is an affordable, world-class proving ground for major corporations and startups alike. And our database, the largest readily available source of disaggregated energy and water data, is used by university researchers, entrepreneurs, and advocacy groups around the world.

Innovation in the Field — An Army of Citizen Scientists

Every day, hundreds of homes upload data on energy use, solar generation, and electric vehicle charging to Pecan Street. Since our launch in 2009, we have instrumented over a thousand homes, allowing citizens in Texas, California, Colorado, Michigan, Puerto Rico and New York to be part of this unprecedented volunteer research network. With intervals of one second to one minute, measured down to the circuit level, this data produces powerful insights that transcend geographic, political, and socioeconomic bounds.

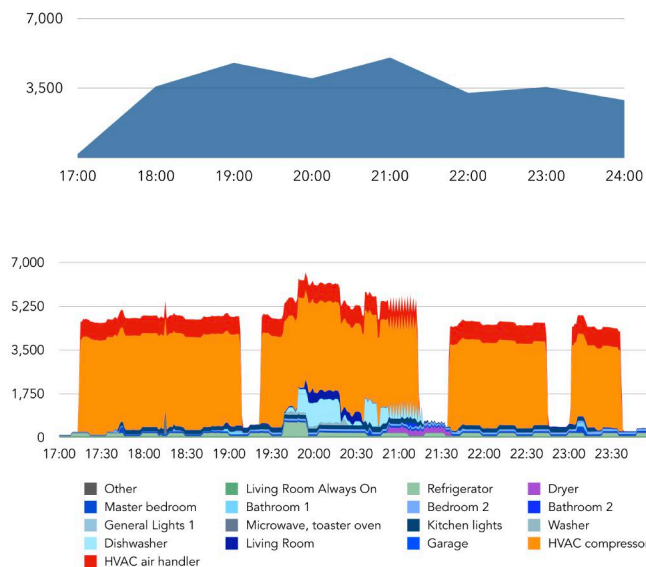


Innovation in the Lab — Invent, Test, Verify

Led by engineers and filled with sophisticated equipment, Pecan Street's lab offers specialized capabilities for developing, testing, and validating consumer electronics and applications that incorporate metrology, building controls, solar PV, natural gas fuel cell, machine-to-machine, vehicle charging, and disaggregation technologies. From start-ups to the Fortune 500, we help visionary companies achieve real-world impact.

Innovation in the Cloud — A World of Energy Data

Pecan Street's Dataport grows by more than 7 billion data points a day. It has been used by more than 3,000 university-sponsored researchers and corporate innovators in 65 countries and has been cited in over 400 scientific papers. With unparalleled resolution, our data supports research and inventions that decarbonize our economy, improve the stability of our electric grid, enhance e-mobility, enable water conservation, and challenge the status quo around climate justice. It yields cutting-edge analysis and policy recommendations for a better world.



7 BILLION
Records Added Daily



3,000
Researchers



65+
Countries

Better Data, Better Decisions

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.

Research — Solving the World's Most Pressing Problems

Pecan Street's **Center for Race, Energy & Climate Justice** addresses critical information gaps that prevent the development and adoption of equitable policies and programs. We build capacity to enable a just transition to a clean energy future and climate solutions that benefit all.

Our **energy research** with leading universities and national labs has a proven track record of producing leapfrog solutions that accelerate the transition to clean energy. We specialize in smart home technology, electricity pricing, electric vehicle infrastructure, solar, and energy storage.

Our **water research** transformed analog water meters into internet-connected devices that identify how water is used

and detect minuscule water leaks. Twenty-five water utilities and universities joined us to harness advanced technologies, cloud computing, and data-intensive field research to accelerate water conservation solutions.

Our **transportation research** sparks novel public-private partnerships to drive EV adoption, vehicle-to-grid integration, and electrification of public transit.

Pecan Street's **natural climate solutions research** explores methods to accelerate markets for carbon farming. We unlock measurement and verification solutions and illuminate information pathways that help farmers choose regenerative practices.