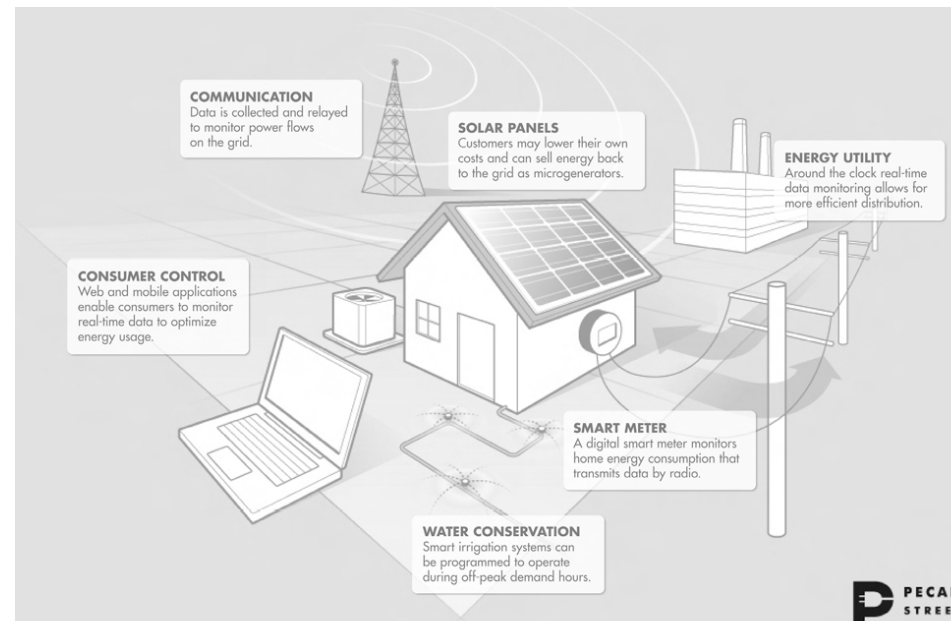


# Demand Response & Forecasting: Keys to a Smarter Grid

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## Research Interests

- Investigating the effects of new residential energy phenomena such as community energy storage (CES), plug-in hybrid electric vehicles (PHEV), and solar photovoltaic (solar PV) devices on the Austin electricity grid and residential peak load. We collaborate closely with the Pecan Street Inc. smart grid research consortium for our smart-grid research work.
- Developing empirical forecasting models and other tools that can help formulate demand response strategies at the residential and community level and enable battery storage optimization.



*For more information please visit [www.pecanstreet.org](http://www.pecanstreet.org)*