



**DAVID R. ATKINSON CENTER**  
for a Sustainable Future  
Cornell University



## Atkinson Center Topical Lunch

**Title:** Discussion and Updates from Pecan Street Inc. on Development of a Tompkins County Residential Energy Research Network and Testbed

**Hosts:** Suzanne Russo (CEO, Pecan Street) and Max Zhang (Associate Professor, Sibley School of Mechanical and Aerospace Engineering)

**Date:** Wednesday, May 22nd, 2019; 12:00 – 1:00pm, 300 Rice Hall

**Abstract:** Pecan Street will present an update on development of their NY residential energy research network, a 100-home testbed in Tompkins County funded in partnership by the Alfred P. Sloan Foundation and The Atkinson Center for a Sustainable Future. The presentation will include an overview of the 100 homes taking part in the NY study, the data flowing from these homes, instructions on how to access the data, a timeline for data availability, and an update on development of a parallel residential energy research network in California. Discussion will follow on researcher ideas for data use, additional datasets that researchers need, advances in sensor and measurement devices, and how the data from this research network can be optimized to benefit Cornell faculty and students. Pecan Street team can also provide updates on other research projects they are carrying out related to smart distributed energy, energy justice, electric vehicles and building electrification.