



## **Our Approach**

- 1,000 homes
- Real-time, unique data
- Expanding into CA & NY: 100 homes in each state

#### Data Collection and Access







- The world's largest residential energy research database.
- Innovative data privacy & security processes
- All available to academic and corporate researchers

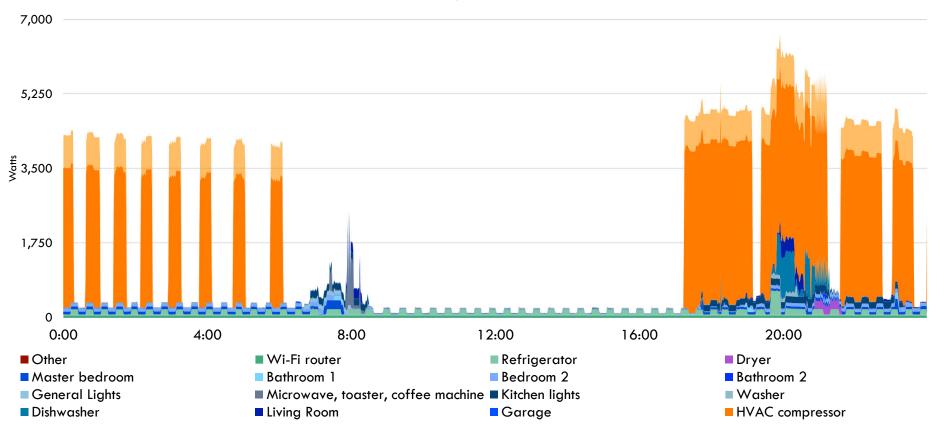


- Affordable concept and prototype testing center for smart residential energy solutions
- Allows for rapid product and market verification testings
- Texas's first grid-connected V2G testing center

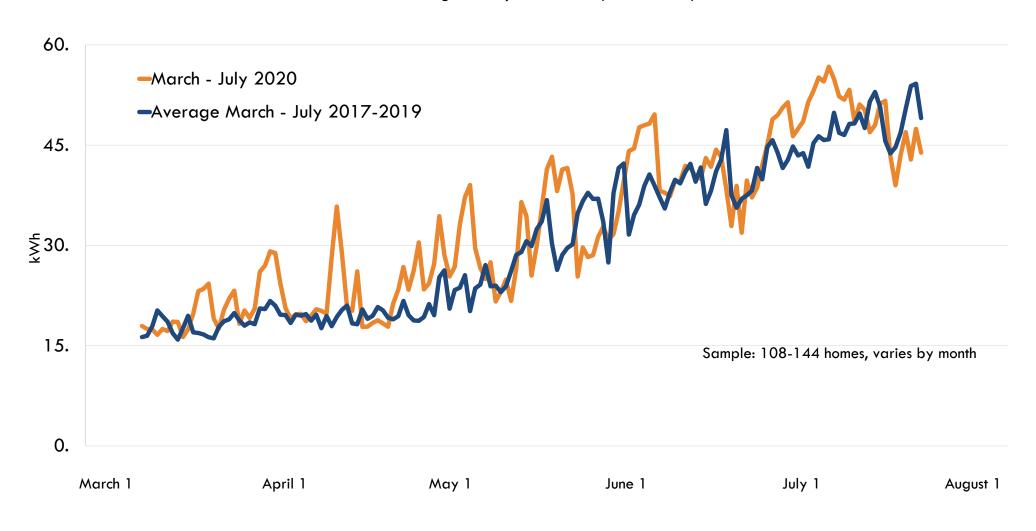


## High resolution, disaggregated data

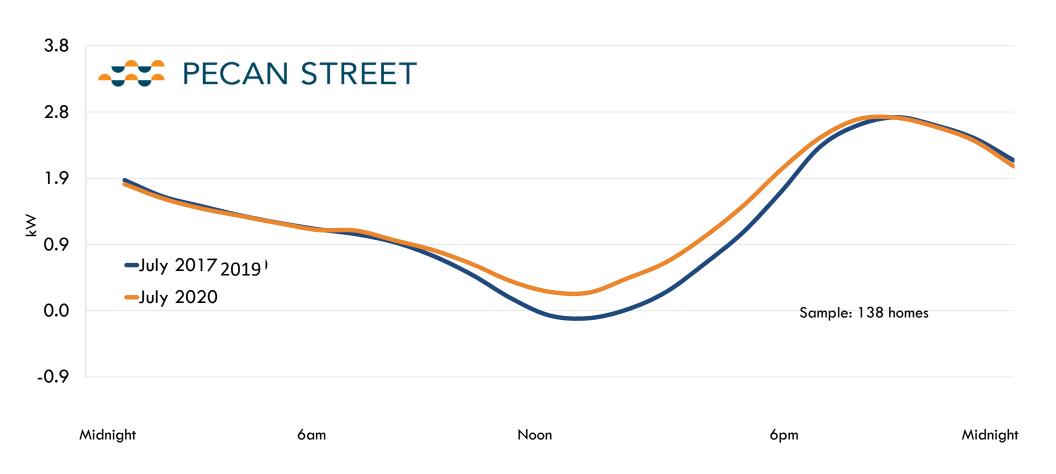
#### One-Minute, Circuit Level Data



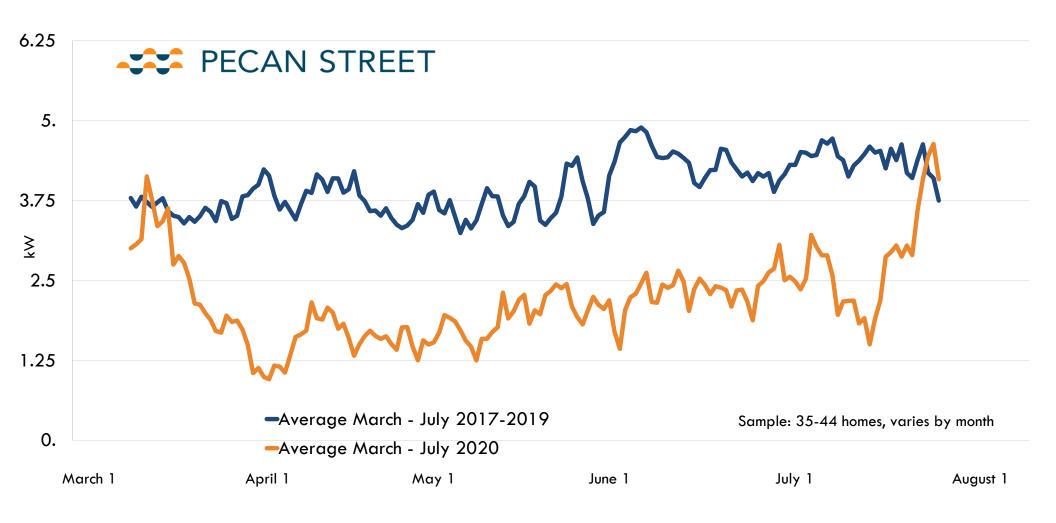
#### Average Daily Demand (Minus EVs)

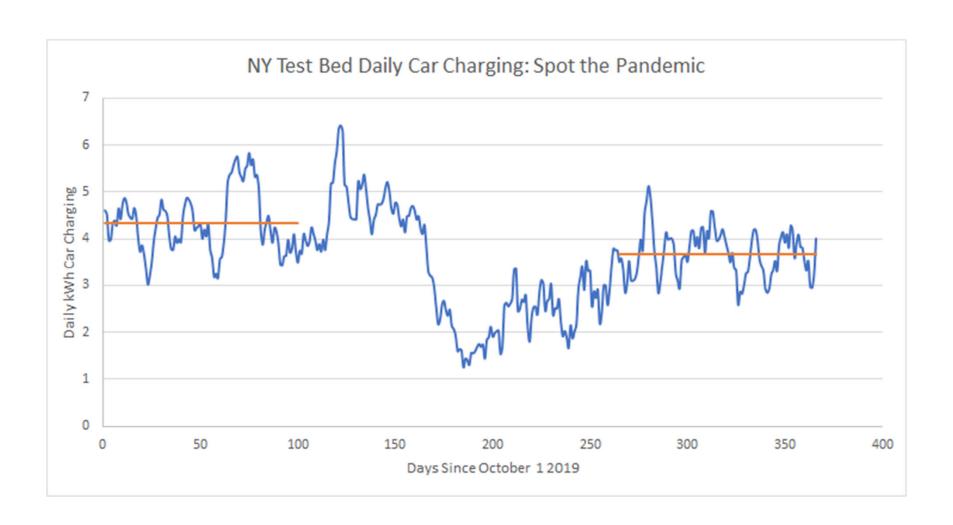


#### Sheltering in Place - A New Duck Curve

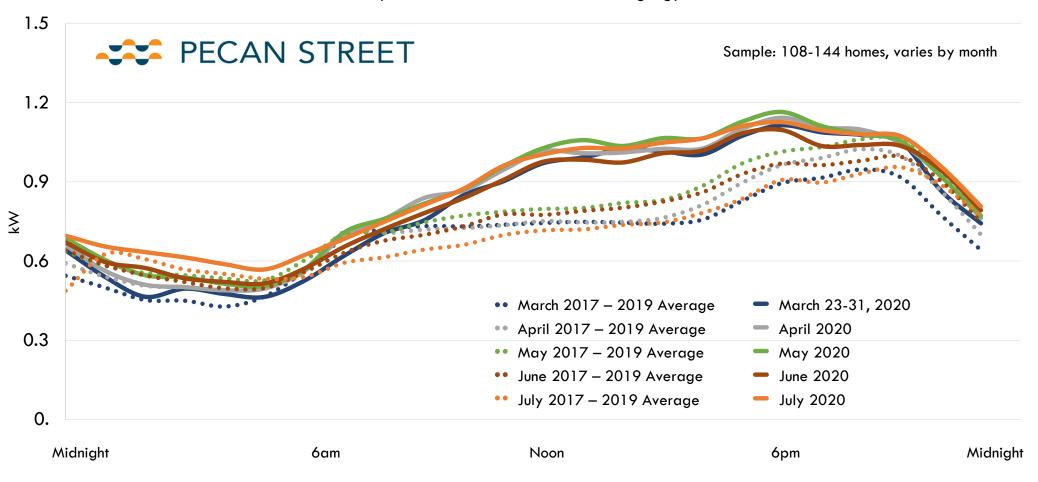


#### EV Charging – 5 Day Rolling Average

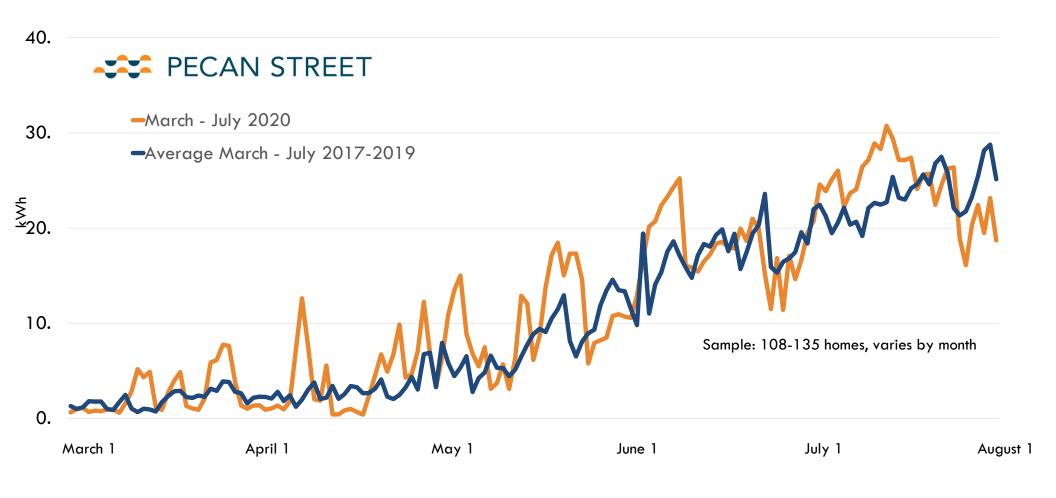




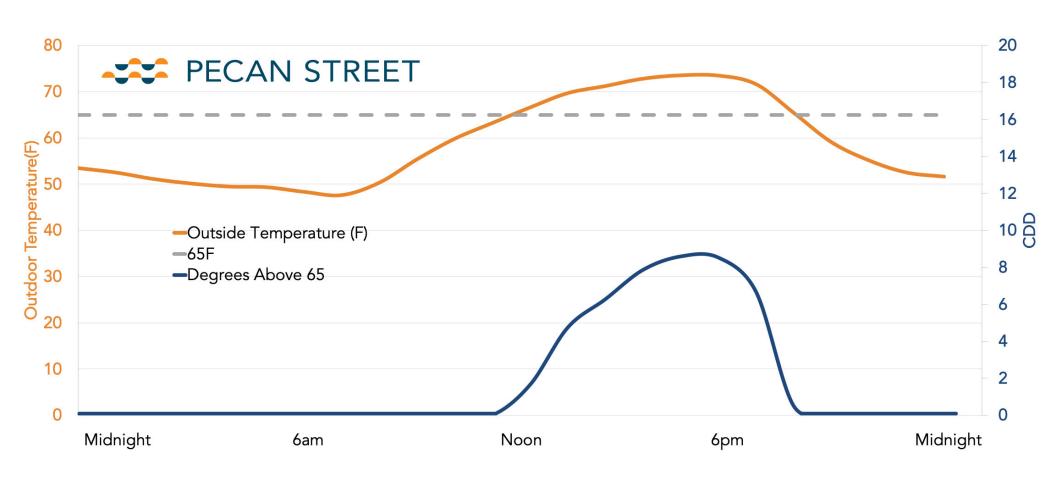
# Daily Average Load – Accessories, Lighting and Appliances (Excludes HVAC and EV Charging)



HVAC - Average Daily Demand, March - July



### Cooling Degree Day – March 2020



#### HVAC Demand Per Cooling Degree Day (CDD)

