

## **A. Residential Load Management Software Platform**

### **1. Overview**

Home Energy Management system provides the functions and capabilities for residential customers to manage their energy use by behavior changes and/or automation through different energy end uses. The Study will assess residential customers' receptiveness and ability to perform load management with the support of a load management app, which serves as a home energy management system.

1. What is the effectiveness of emissions reductions messaging in:
  - Reducing household emissions
  - Shifting energy usage to off-peak periods
  - Engaging customers in load management awareness and education
2. What are the incremental load impacts of emissions reductions messaging to existing DR participants.
3. Can new communication protocol (e.g., Matter) be leveraged to automate load management measures.

### **2. Results/Status**

The DRET team have contracted with a 3<sup>rd</sup> party software company to develop an advanced API to enable the residential load management software platform and app.

### **3. Next Steps**

The DRET team will continue to develop the advanced API with the software company and scopes of work/contract with the residential load management software platform company.