

PG&E DRET PROJECT: BTM BATTERY FOR LOAD MANAGEMENT STUDY

Status: In Progress

Overview

This study evaluates how BTM residential battery system can be used to provide value to the customers and the grid when the battery is optimizing under different dynamic rates (e.g. TOU and RTP2) and DR events. The study will focus on two groups of customers, customer with existing battery and customer purchasing new battery.

This study will collect data such as customer load performance and effectiveness of different algorithm during 2021 and 2022 to inform optimal program design for aggregators and customers with a BTM battery, which would help the DR team to file the 2023-2027 DR funding application in November 2021.

Collaboration

The DRET team will collaborate with the internal Distributed Generation (DG) team to implement this study. PG&E is planning to hire one consultant to manage the implementation and M&V for this DRET study.

Results/Status

The DRET team is still developing the scopes of this study in the first and second quarter of 2021, and PG&E will start the contracting process with the manufacturers and study implementer in the second quarter of 2021.

Next Steps

This assessment is scheduled to start on the third quarter of 2021 and will last twelve months. PG&E will provide updates on the bi-annual DRET report in the future.