



City of Santa Rosa

Legislation Details

File #: 23-308BPU **Version:** 1 **Name:** Approval of Proposed Agreement for Removal of Microgrid Demonstration Project Battery, Transformer, and Inverter at the LTP

Type: BPU- Report **Status:** Agenda Ready

File created: 5/8/2023 **In control:** Board of Public Utilities

On agenda: 5/18/2023 **Final action:**

Title: REPORT - APPROVAL OF PROPOSED AGREEMENT FOR REMOVAL OF MICROGRID DEMONSTRATION PROJECT BATTERY, TRANSFORMER, AND INVERTER AT THE LAGUNA TREATMENT PLANT

BACKGROUND: In 2017, Santa Rosa Water entered into an agreement with Trane U.S. Incorporated (Trane) for the design, installation, and operation of a microgrid demonstration project (Project) to be sited at the Laguna Treatment Plant (LTP), which was funded by a \$5 million grant from the California Energy Commission to Trane. The Project was intended to demonstrate the use of microgrids paired with renewable energy and test the viability of delivering power to the day ahead energy market as a potential revenue source for Santa Rosa Water. Although the Project components were shown to be functional, Trane discovered that Pacific Gas & Electric Company (PG&E) would not approve the inverter installed by Trane as it did not meet PG&E's interconnection and certification requirements. Therefore, PG&E would not allow the Project to connect to PG&E's system. Also, after additional study, revenue opportunities related to the day ahead energy market were deemed to be very limited.

RECOMMENDATION: It is recommended by Santa Rosa Water staff that the Board of Public Utilities, by motion, approve the Right of Entry and Access Agreement for Removal of the Battery, Transformer, and Inverter at the Santa Rosa Laguna Treatment Plant between the City of Santa Rosa and Trane U.S. Inc.

Sponsors: Water

Indexes: Exempt Project

Code sections: 15301 - Existing Facilities, 15303 - New Construction or Conversion of Small Structures

Attachments: 1. Staff Report, 2. Attachment 1 - Right of Entry and Access Agreement for Removal of Battery, Transformer, and Inverter at the Santa Rosa Laguna Treatment Plant, 3. Presentation (Uploaded 5.16.2023)

Date	Ver.	Action By	Action	Result
5/18/2023	1	Board of Public Utilities	approved	Pass