

# City of Santa Rosa



## Legislation Details

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**File #:** 17-006BPU    **Version:** 1    **Name:** Microgrid Demo System  
**Type:** BPU- Minutes    **Status:** Agenda Ready  
**File created:** 4/28/2017    **In control:** Board of Public Utilities  
**On agenda:** 5/4/2017    **Final action:**  
**Title:** REPORT - AGREEMENT FOR DESIGN, INSTALLATION, OPERATION, AND OWNERSHIP OF A MICROGRID DEMONSTRATION SYSTEM AT THE SANTA ROSA LAGUNA TREATMENT PLANT

**BACKGROUND:** On October 21, 2014, the Council authorized Rockwood Consulting, on behalf of Trane, to list the Laguna Treatment Plant as a proposed Microgrid Demonstration Project in response to the California Energy Commission's (CEC's) Grant Solicitation PON-14-310, Demonstrating Secure, Reliable Microgrids and Grid-Linked Electric Vehicles to Build Resilient, Low-Carbon Facilities and Communities. Trane's application was accepted and the CEC subsequently awarded Trane a grant in the amount of \$4,999,804. On February 23, 2016, the Council authorized the City to sign a Nondisclosure Agreement with Trane that allowed staff to negotiate a detailed, project implementation Agreement. The Agreement will allow for Trane to complete the design and construction of the Project. The Project consists of the installation of (1) a new 2-Mwh energy storage battery and microgrid controller, (2) post-combustion emissions control units on two of the existing Cummins engines, and (3) a 125-kw photovoltaic parking canopy system.

**RECOMMENDATION:** It is recommended by the Water and Transportation and Public Works (TPW) Departments that the Board of Public Utilities, by resolution, approve the Agreement for the Design, Installation, Operation and Ownership of a Microgrid Demonstration System at the Santa Rosa Laguna Treatment Plant between Trane U.S. Inc. and the City of Santa Rosa (Agreement) and delegate signature authority to the Director of Santa Rosa Water to approve subsequent agreements necessary to implement the Agreement.

**Sponsors:** Board of Public Utilities

**Indexes:** Exempt Project

**Code sections:**

**Attachments:** 1. Staff Report, 2. Resolution, 3. Exhibit A, 4. PowerPoint Presentation (Added 5/31/17)

Date	Ver.	Action By	Action	Result
6/1/2017	1	Board of Public Utilities	to waive reading of the text and adopt	Pass