

City of Santa Rosa



Legislation Details

File #: 22-0857 **Version:** 1 **Name:** Energy Audit and Microgrid Study
Type: CC- Report **Status:** Agenda Ready
File created: 11/1/2022 **In control:** City Council
On agenda: 11/29/2022 **Final action:** 11/29/2022
Title: REPORT - ENERGY AUDIT AND MICROGRID STUDY

BACKGROUND: The Transportation and Public Works Department has been delegated the responsibility of maintaining the City's buildings and public structures and to reduce greenhouse gas emissions. To improve the Department's ability to properly deploy staff resources, develop a long-term maintenance program, and assist City Council with Climate Action goals, staff is recommending that Council, by motion, direct the Transportation and Public Works Department to pursue an option for funding solar at Municipal Service Center North (MSCN) recommended by AECOM.

A Business Plan was developed that investigates different financing mechanisms for implementation of the decarbonization plan including Energy Savings Performance Contract (ESPC), Power Purchase Agreement (PPA) and Energy Service Agreement (ESA). For each of these mechanisms, the business plan studies life cycle cost analysis, return on investment, operations and maintenance forecasting, as well as risk analysis.

RECOMMENDATION: It is recommended by the Department of Transportation and Public Works that the Council, by motion, direct the Transportation and Public Works Department to pursue solar and Microgrid options for the Municipal Service Center North complex.

Sponsors: Public Works

Indexes: Not a Project

Code sections: 15378 - Not a Project

Attachments: 1. Staff Report, 2. Attachment 1 - Energy Audit and Microgrid feasibility study, 3. Attachment 2 - Business plan analysis, 4. Presentation

Date	Ver.	Action By	Action	Result
11/29/2022	1	City Council	directed staff to	Pass