



Agenda Date: 8/3/2016  
Agenda Placement: 7G

## Napa Sanitation District Board Agenda Letter

---

**TO:** Honorable Board of Directors  
**FROM:** Timothy Healy - General Manager  
NS-Technical Services/Engineer  
**REPORT BY:** Kyle Broughton, Associate Engineer - 258-6000 x530  
**SUBJECT:** Approve PG&E Energy Audit Project - LED Pole/Arm Mounted Fixtures (CIP 17718)

---

### **RECOMMENDATION**

Approve Project and Concur with Staff's CEQA Determination for the PG&E Energy Audit Project - LED Pole/Arm Mounted Fixtures (CIP 17718).

### **EXECUTIVE SUMMARY**

This project replaces approximately 260 existing exterior high intensity discharge lighting fixtures with LED equivalent lighting at the District's Wastewater Treatment Plant and Water Recycling Facility, resulting in annual energy savings and receipt of an energy incentive offered by PG&E.

### **FISCAL IMPACT**

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	There is \$78,100 budgeted for this project in the FY 16/17 Capital Improvement Plan.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	The project will result in an estimated annual energy savings of \$10,411. The 2012 PG&E energy audit identified a 5.5 year payback for implementation of this energy efficiency measure.

---

Is the general fund affected?	No
Future fiscal impact:	The 2012 PG&E energy audit report estimated annual electricity savings of \$10,411 for implementing this energy efficiency measure.
Consequences if not approved:	If not approved, the District will not replace existing exterior high intensity discharge lights with equivalent LED fixtures. Annual energy savings associated with this replacement will not occur and the District will not receive the \$13,700 incentive proposed by PG&E.
Additional Information:	PG&E has identified a \$13,700 incentive payment to the District for implementing this project.

### **ENVIRONMENTAL IMPACT**

Staff performed a preliminary CEQA review of this project and determined the project is Categorically Exempt. The project consists of replacing existing lighting fixtures involving negligible or no expansion of capacity, which corresponds to Categorical Exemption 15302(c) of the California Environmental Quality Act (CEQA) guidelines. If the Board concurs with this determination, staff will file the attached Notice of Exemption.

### **BACKGROUND AND DISCUSSION**

In 2012 PG&E sponsored an Energy Audit Report for the District. The report identified and prioritized potential energy and demand savings opportunities (energy conservation, energy efficiency, time-of-use management, self-generation). The report also estimated costs to implement energy savings projects, resulting annual energy savings, and potential incentives from PG&E for implementing the projects. This project is one of the high priority energy efficiency projects listed in the report.

### **SUPPORTING DOCUMENTS**

A . CIP 17718 Notice of Exemption

Napa Sanitation District: Approve

Reviewed By: Timothy Healy