



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: March 26, 2013

TO: Mayor and Councilmembers

FROM: Facilities Division, Public Works Department

SUBJECT: Acceptance Of Southern California Gas Company Funds

RECOMMENDATION: That Council:

- A. Authorize the receipt of Southern California Gas Company funds totaling \$26,850 through the South Coast Energy Efficiency Partnership; and
- B. Increase appropriations and estimated revenues in the Facilities Management Fund by \$26,850.

DISCUSSION:

The Southern California Gas Company (SoCal Gas) is offering the City \$26,850 in strategic planning funds for the integration of four gas meters into the City's Enterprise Energy Management System (EEMIS), currently under construction. The City is eligible for said funds under its involvement in the South Coast Energy Efficiency Partnership, which provides funding for energy efficiency and conservation projects.

The funds will be used to integrate the City's four largest gas meters into the EEMIS. These gas meters are located at the Los Banos Del Mar pool, the Police Department, and two at the El Estero Wastewater Treatment Plant.

The many benefits of an EEMIS include bill analysis, energy use analysis, electricity rate analysis, demand point management, greenhouse gas reporting, and energy efficiency and conservation opportunity identification. By creating a database of facility and energy data, the City will be able to identify the best and worst performing sites and prioritize energy management activities. The collection of real-time interval data from large electricity accounts will allow the City to better manage daily energy demand and usage. It will also enable the City to identify cost savings measures to shift power usage to non-peak hours.

BUDGET/FINANCIAL INFORMATION:

The table below outlines the budget for this project:

| | |
|---|-----------------|
| Site survey, meter/device installation (4 meters) | \$20,000 |
| Administration/Project Management (by City Staff) | \$6,850 |
| TOTAL PROJECT COST | \$26,850 |

SoCal Gas will reimburse the City after the City pays the vendor invoices.

SUSTAINABILITY IMPACT:

The EEMIS will enable the City to forecast energy usage on a day-ahead basis and execute load control commands to help the City reach its demand-reduction goals in response to California grid conditions, as indicated by the California Independent System Operator. The City may achieve additional permanent load reductions using the analytic capabilities of EEMIS to identify inefficient end uses and prioritize energy conservation measures related to plug load, mechanical and lighting systems.

By reducing peak demand of electricity, the City will reduce the burden on California's peak power plants and will help negate the need to build additional power plants in the future. An EEMIS is the first step toward achieving this goal because it will help end users to manage and reduce their energy use.

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SUBMITTED BY: Christine Andersen, Public Works Director

APPROVED BY: City Administrator's Office