



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: December 11, 2012

TO: Mayor and Councilmembers

FROM: Facilities Division, Public Works Department

SUBJECT: Extension Of Agreement For Southern California Edison Energy Management Grant

RECOMMENDATION:

That Council authorize the Public Works Director to execute an amendment to the Flight 5.6 Agreement with Southern California Edison to extend the date of the agreement from December 31, 2012, to December 31, 2014.

DISCUSSION:

In 2010 Southern California Edison (SCE) conducted a solicitation for proposals from public agencies under its Flight 5.6 Grant program to provide funds for projects supporting California's Long Term Energy Efficiency Strategic Plan. In response to this solicitation, the City submitted a proposal requesting funds to purchase and install an Enterprise Energy Management System (EEMIS). SCE accepted the City's proposal, and on March 6, 2012, Council authorized the receipt of \$360,000 in Flight 5.6 grant funding to purchase, design, and install an EEMIS. The terms of the grant originally stipulated that all work to design and install the EEMIS must be completed by December 31, 2012. However, due to the nature and scope of the public agency projects funded under Flight 5.6 Grant, SCE has agreed to amend the original grant to extend the project completion deadline to December 31, 2014. Under this new deadline, the City will be able to successfully design and install the EEMIS system in compliance with the terms of the grant.

SUSTAINABILITY IMPACT:

Installation of 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 Corporation. The City will also potentially achieve additional permanent load reduction 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 our peak demand of electricity, we 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 successful energy management and reduction depends on the collection of energy data.

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SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office