

Memorandum

To: Robert Oglesby
Executive Director

Date: June 22, 2011

Telephone: 916-654-4719

From: California Energy Commission
1516 Ninth Street MS-23
Sacramento CA 95814-5512

Subject: STAFF RECOMMENDATION TO APPROVE AMENDMENT 1 FOR SHIFTING \$136,878 PROJECT FUNDS OF THE CITY OF SOUTH PASADENA ARRA EECBG GRANT CBG-09-183 TO BE CONSIDERED AT THE AUGUST 10, 2011 BUSINESS MEETING.

Summary of Item

The City of South Pasadena (City) has requested Amendment 1 to shift project funds of \$136,878 from LED traffic signal lights to a City Hall HVAC Project (from Design to Build), City Hall wall Insulation (interior solar reflectant rating of 70.79), and conversion of pedestrian signals to LED signals (new signals will be 9-watt, replacing 12 150-watt signals and 75 80-watt signals).

Energy Performance Impact:

The new HVAC project for the City will produce more energy savings than the original project. By including the proposed changes to the air handler, heater and insulation, the cost effectiveness of these projects would be 15.2 mmBtu/\$1000, increased from 14.8 mmBtu/\$1000.

Justification for Action Requested:

The City is committed to reducing energy consumption and reduction of greenhouse gas emissions. This central system HVAC retrofit, wall insulation retrofit, and LED signal replacement will produce additional energy savings at City Hall.

Energy Commission staff has determined that the amended project is technically justified and meets all requirements for the use of ARRA Funds. The program requirement to produce a minimum annual energy savings of 10 mmBtu/\$1000 of grant funding has been met. Staff recommends approval of the grant amendment to the City.

Project Manager

Chris Scott, Associate Energy Specialist
Special Projects Office, Fuels and Transportation Division

Oral Presentation

Staff will be prepared to discuss this recommendation and to respond to questions regarding the grant amendment.

Business Meeting Participants

Pat Perez, Deputy Director, Fuels and Transportation Division
Chris Scott, Associate Energy Specialist, Special Projects Office

Commission Action Requested

Approve the grant amendment and authorize the Executive Director to execute the grant amendment documents.



PAT PEREZ, Deputy Director
Fuels and Transportation Division

**City of South Pasadena
HVAC Project
Grant Amount: \$136,878**

Pros and Cons

The following are the Pros and Cons to the Energy Commission of providing a grant to City of South Pasadena:

Pros:

- To reduce energy use, electrical demand, and greenhouse gas emissions through energy efficiency is consistent with the Energy Commission's *2010 Integrated Energy Policy Report*.
- Provides a grant to help the City install energy efficiency projects that it may otherwise not be able to fund.

Cons:

- None