

# Memorandum

To: Melissa Jones  
Executive Director

Date: June 12, 2011

Telephone: 916-657-4854

From: California Energy Commission

PAT PEREZ, Deputy Director  
Fuels and Transportation Division

1516 Ninth Street MS-23  
Sacramento CA 95814-5512

Subject: STAFF RECOMMENDATION TO APPROVE AMENDMENT 1 TO THE \$129,704 ARRA EECBG GRANT CBG-09-110 TO THE CITY OF BLYTHE TO REPLACE INEFFICIENT LIGHTINGS AT NINE CITY BUILDINGS TO BE CONSIDERED AT THE JULY 13, 2011, BUSINESS MEETING.

## Summary of Item

The City of Blythe (City) has requested Amendment 1 to the grant, revising the Scope of Work to replace inefficient lightings and associated fixtures, and to install occupancy sensors and LED exit signs. Specifically, instead of City buying the lightings and a subcontractor install those as originally proposed; the subcontractor will buy and install the lightings now. As a result, the City saves \$3,762; and would like to use the savings to administer the project.

It is estimated that about 117,000 kWh/yr will be saved corresponding with \$16,400 annual cost savings. In addition, approximately 40.5 tons of carbon dioxide equivalent (CO<sub>2e</sub>) will be reduced every year.

Recreation Department	127 S. Main St	Blythe, CA	92225
City Hall	235 N. Broadway	Blythe, CA	92225
Police Department	240 N. Spring St	Blythe, CA	92225
Wastewater Treatment Facility	15901 S. Broadway	Blythe, CA	92225
Central Garage	440 S. Main St	Blythe, CA	92225
Public Works Office	440 S. Main St	Blythe, CA	92225
Community Center	445 N. Broadway	Blythe, CA	92225
Fire Department	201 N. Commercial	Blythe, CA	92225
Murphy Street Reservoir	495 W. Murphy	Blythe, CA	92225

***Justification for Action Requested:***

The City is committed to reducing its energy consumption as well as greenhouse gas emissions. Lighting retrofitting project, when completed, will reduce approximately 117,000 kWh and 40.5 tons of CO<sub>2e</sub> emissions annually.

Energy Commission staff has determined that the amendment request for the City of Blythe is technically justified and meets all requirements for the ARRA Funds. The program requires no repayment. The requirement to meet 10 mmBtu/\$1000 of grant funding has been met. Staff recommends approval of the grant amendment to the City of Blythe.

Project Manager

Shahid Chaudhry, Associate Mechanical Engineer  
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  
Shahid Chaudhry, Associate Mechanical Engineer, Fuels and Transportation Division

Commission Action Requested

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

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PAT PEREZ, Deputy Director,  
Fuels and Transportation Division

**City of Blythe  
Lighting Project  
Grant Amount: \$129,704**

**Pros and Cons**

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

**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 installing energy efficiency lighting that it may otherwise not be able to fund.

**Cons:**

- None