



Office of the City Manager

CONSENT CALENDAR

December 17, 2013

To: Honorable Mayor and Members of the City Council

From:  Christine Daniel, City Manager

Submitted by: Eric Angstadt, Director, Department of Planning & Development

Subject: California Energy Commission Energy Partnership Program Technical Assistance Grant

RECOMMENDATION

Adopt a Resolution authorizing the City Manager to apply for the California Energy Commission (CEC) Energy Partnership Program technical assistance grant to identify priority efficiency projects and financing to reduce energy use in municipal buildings.

FISCAL IMPACTS OF RECOMMENDATION

CEC's Technical Assistance Program is a grant program providing public agencies with up to \$60,000 in energy consulting services over a 3 year period. Other than staff coordination which is already in the workplan, there are no costs to participate in the program.

CURRENT SITUATION AND ITS EFFECTS

The City of Berkeley has an on-going commitment to implementing viable energy efficiency projects to maximize cost savings and minimize greenhouse gas emissions. Over the past 20 years, the City has invested over \$1.3 million for an estimated annual energy savings of approximately \$400,000. In order to meet climate action goals, significantly more building energy efficiency projects are needed. Most of the easily identifiable and cost effective projects have been completed.

The City is currently conducting Facility Condition Assessments which will provide critical information on replacement schedules for energy systems and help identify new priorities and opportunities to integrate energy efficiency into the capital renewal and develop an integrated Capital Improvement Plan with comprehensive energy improvements.

BACKGROUND

In 2009, the City Council adopted the Berkeley Climate Action Plan (CAP) which establishes a goal of reducing community greenhouse gas emissions by 33% by 2020 and 80% by 2050 from 2000 levels. Unfortunately, current municipal energy consumption levels are not in line with reductions targeted in the CAP. Total energy

consumption in municipal buildings increased 11% between 2000 and 2011 due to a 26% net increase in square footage. In order for the City to demonstrate success and show leadership in meeting climate action goals, a comprehensive assessment of energy efficiency opportunities is needed. The California Energy Commission's Energy Partnership Program provides technical assistance grants of up to \$20,000 per year for a maximum of 3 years to target energy efficiency improvements in public sector buildings. The grant supports the identification and assessment of energy efficiency projects for existing buildings, including:

- Identifying and prioritizing efficiency projects to integrate into the Capital Improvement Plan
- Developing a scope of services for City-wide energy reductions
- Assisting with the development of project solicitation
- Identifying potential funding opportunities

#### RATIONALE FOR RECOMMENDATION

Application for the Energy Partnership Program would provide the City with free technical assistance services, including a feasibility assessment of energy efficiency opportunities for municipal buildings to maximize energy cost savings and green house gas emissions reductions.

#### ALTERNATIVE ACTIONS CONSIDERED

The City could not apply for the CEC grant and forgo the technical assistance services.

#### CONTACT PERSON

Phil Harrington, Public Works, 981-6661

Billi Romain, Energy and Sustainable Development, 981-7432

Attachments:

1: Resolution

RESOLUTION NO. ##,###-N.S.

APPLICATION FOR THE CALIFORNIA ENERGY COMMISSION ENERGY  
PARTNERSHIP PROGRAM TECHNICAL ASSISTANCE GRANT

WHEREAS, the City Council adopted the Berkeley Climate Action Plan (CAP), which establishes a goal of reducing community greenhouse gas emissions by 33% by 2020 and 80% by 2050 from 2000 levels; and

WHEREAS, total energy consumption in municipal buildings increased 11% between 2000 and 2011 due to a 26% net increase in square footage and, as a result, current municipal energy consumption levels are not in line with reductions targeted in the CAP; and

WHEREAS, a comprehensive review of municipal energy efficiency opportunities is needed in order for the City to show leadership and demonstrate success in meeting climate action goals of achieving building energy use reductions; and

WHEREAS, the California Energy Commissions Energy Partnership Program provides technical assistance and can identify viable energy efficiency projects for municipal buildings; and

WHEREAS, the California Energy Commission has limited funds for technical assistance grants providing up to \$20,000 per year for a maximum of 3 years and primary consideration will be given to those cities that are committed to implementing the recommended projects identified through the Partnership Program.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the City Manager is hereby authorized to apply for the California Energy Commission (CEC) Energy Partnership Program technical assistance grants to identify priority efficiency projects and financing to reduce energy use in municipal buildings and to execute any resultant grant agreement and amendments.

