



# ***Atascadero City Council***

## ***Staff Report – Public Works Department***

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### **Resolution Authorizing Energy Efficiency and Conservation Block Grant Application**

#### **RECOMMENDATION:**

Council approve the Draft Resolution authorizing the City Manager to apply for Energy Efficiency and Conservation Block Grant Funds from the Small City and County Grant Program under the American Recovery and Reinvestment Act of 2009.

#### **DISCUSSION:**

Background: The federal Energy Independence and Security Act of 2007 (EISA) established the Energy Efficiency and Conservation Block Grant (EECBG) program to assist eligible entities in creating and implementing strategies to:

- 1) Reduce fossil fuel emissions in a manner that is environmentally sustainable and, to the maximum extent practicable, maximizes benefits for local and regional communities;
- 2) Reduce the total energy use of the eligible entities; and
- 3) Improve energy efficiency in the building sector, the transportation sector, and other appropriate sectors.

On February 17, 2009, President Obama signed into law the American Recovery and Reinvestment Act of 2009 which appropriated funds to the U.S. Department of Energy (DOE) for the EECBG program. Under the EECBG program, the U.S. Department of Energy (DOE) provides grant funds to states, of which, no less than 60% is to be passed through to eligible small cities and counties.

The California Legislature has provided the California State Energy Commission guidance on implementing California's EECBG program. Based on the formula established for distribution of funds to California cities and counties, the City of Atascadero will receive an allocation of \$152,644 to be used for qualifying energy efficiency improvements.

Analysis: On October 28, 2009, staff from the California Energy Commission conducted an energy audit at various City of Atascadero facilities to determine potential eligible energy efficiency projects that would qualify for reimbursement from Energy Efficiency and Conservation Block Grant Funds. The following City facilities were audited; Fire Station #1, Fire Station #2, Pavilion, Police Department, and the Wastewater Treatment Plant. This audit focused primarily on potential energy efficiency projects that could be funded by Direct Purchase provisions of the American Recovery and Reinvestment Act's (ARRA) Small Community Block Grant that is being administered by the Commission. This energy efficiency audit identified \$160,657 in eligible energy efficiency improvement expenses. In order to qualify for reimbursement of eligible expenses, local agencies must submit an application to the California Energy Commission, with an authorizing resolution from the agencies governing body.

Conclusion: Staff recommends that the City Council approve the Draft Resolution authorizing the City Manager to apply for the \$152,644.00 in Energy Efficiency and Conservation Block Grant Funds allocated to the City of Atascadero through Small City and County Grant Program of the American Recovery and Reinvestment Act of 2009.

#### **FISCAL IMPACT:**

Approval of this Resolution will allow the City of Atascadero to apply for \$152,644 in grant funds specifically allocated for energy efficiency improvements.

#### **ATTACHMENT:**

Draft Resolution -- Authorizing application for Energy Efficiency and Conservation Block Grant funds

**DRAFT RESOLUTION**

**A RESOLUTION OF THE CITY COUNCIL OF  
THE CITY OF ATASCADERO, CALIFORNIA  
AUTHORIZATION TO SUBMIT  
ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT APPLICATION**

WHEREAS, the City of Atascadero recognizes that it is in the interest of the regional, state, and national economy to stimulate the economy; create and retain jobs; reduce fossil fuel emissions; and reduce total energy usage and improve energy efficiency within our jurisdiction; and

WHEREAS, Energy Efficiency and Conservation Block Grant (EECBG) funds are available through the California Energy Commission's EECBG Program for grants to eligible local governments for cost-effective energy efficiency projects; and

WHEREAS, the City of Atascadero is eligible for EECBG funding under the California Energy Commission's EECBG Program; and

WHEREAS, the City of Atascadero is proposing to implement the energy efficiency project/s described in Exhibit A in order to qualify for EECBG funds from the California Energy Commission; and,

WHEREAS, the Atascadero City Council has considered the application of the California Environmental Quality Act (CEQA) to the approval of the energy efficiency project/s described in Exhibit A; and,

NOW, THEREFORE, BE IT RESOLVED, that in compliance with the CEQA, the Atascadero City Council finds that the approval of the energy efficiency project/s described in Exhibit A is administratively exempt as a maintenance project.

Be it also resolved that the City of Atascadero authorizes the submittal of the application to the California Energy Commission's EECBG Program for funds to execute the proposed project described in Exhibit A.

Be it also resolved, if recommended for funding by the California Energy Commission, the Atascadero City Council authorizes the City of Atascadero to accept a grant award up to the amount of this application for \$ 152,644.00, and, that the City Manager acting for the City of Atascadero is hereby authorized and empowered to execute in the name of City of Atascadero, all necessary contracts and agreements, and amendments hereto, to implement and carry out the purposes specified in the application.

PASSED AND ADOPTED at the regular meeting of the City Council of the City of Atascadero held on the 8<sup>th</sup> of December, 2009.

CITY OF ATASCADERO

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ATTEST:

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Marcia McClure Torgerson, C.M.C., City Clerk

APPROVED AS TO FORM:

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Brian A. Pierik, City Attorney

EXHIBIT A  
[Description of proposed project(s)]

Energy efficiency improvement projects are proposed at various City of Atascadero facilities. Below is a summary of the specific energy efficiency projects at the following City facilities; Fire Station #1, Fire Station #2, Pavilion, Police Department, and the Wastewater Treatment Plant.

**Fire Station #1**

- Replace T8 (first generation type) fluorescent lamps with T12 fluorescent lamps.
- Replace all incandescent lamps with screw-in compact fluorescent lamp (CFL) equivalents.
- Replace the station's heating, ventilating, and air conditioning (HVAC) system with new energy-efficient unit.

**Fire Station #2**

- Replace T8 (first generation type) fluorescent lamps with T12 fluorescent lamps.
- Replace all incandescent lamps with screw-in compact fluorescent lamp (CFL) equivalents.
- Replace the station's heating, ventilating, and air conditioning (HVAC) system with new energy-efficient unit.

**Pavilion**

- Replace T8 (first generation type) fluorescent lamps with T12 fluorescent lamps.
- Replace all incandescent lamps with screw-in compact fluorescent lamp (CFL) equivalents.
- Replace the buildings three heating, ventilating, and air conditioning (HVAC) systems with new energy-efficient unit.
- Replace exit signs with new energy-efficient LED exit signs.
- Replace exterior lighting high pressure sodium (HPS) wall packs and chandelier-type incandescent lamps on the building exterior and pole-mounted HPS fixtures in the parking lot with new energy-efficient induction light equivalents and the chandelier lights should be converted to CFL.
- Install An energy management system (EMS) with direct digital controls for the HVAC units enabling the units to be controlled remotely.

**Police Department**

- Replace T8 (first generation type) fluorescent lamps with T12 fluorescent lamps.
- Replace all incandescent lamps with screw-in compact fluorescent lamp (CFL) equivalents.
- Replace the stations four heating, ventilating, and air conditioning (HVAC) systems with new energy-efficient unit.
- Replace exit signs with new energy-efficient LED exit signs.

**Wastewater Treatment Plant (WWTP)**

- Replace T8 (first generation type) fluorescent lamps with T12 fluorescent lamps.
- Replace all incandescent lamps with screw-in compact fluorescent lamp (CFL) equivalents.
- Replace a small heating, ventilating, and air conditioning (HVAC) system with new energy-efficient unit.
- Replace all of these aerators and recirculation pumps with NEMA “Premium Efficient” variety.

**Summary of Estimated Energy and Cost Savings, Project Costs**

The estimated energy savings represents approximately 7% of the City’s total annual electric energy usage and cost.