

**SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

950



**FROM:** Economic Development Agency

**SUBMITTAL DATE:**  
November 5, 2009

**SUBJECT:** Approval of the Project List for Energy Efficiency & Conservation Block Grant

**RECOMMENDED MOTION:** That the Board of Supervisors:

1. Approve the attached final project list for the Energy Efficiency & Conservation Block Grant, in the amount of \$6,591,600; and
2. Authorize the undersigned Assistant County Executive Officer/EDA, or his designee, to administer all actions to complete the application for funding of the projects through the Department of Energy.

**BACKGROUND:** (Commences on Page 2)

*Robert Field*

Robert Field  
Assistant County Executive Officer/EDA  
by Dan Martinez, Managing Director

<b>FINANCIAL DATA</b>	<b>Current F.Y. Total Cost:</b>	\$-0-	<b>In Current Year Budget:</b>	N/A
	<b>Current F.Y. Net County Cost:</b>	\$-0-	<b>Budget Adjustment:</b>	N/A
	<b>Annual Net County Cost:</b>	\$-0-	<b>For Fiscal Years:</b>	09/10 to 11/12

<b>SOURCE OF FUNDS: Energy Efficiency &amp; Conservation Block Grant Funds (100%)</b>	<b>Positions To Be Deleted Per A-30</b>	<input type="checkbox"/>
	<b>Requires 4/5 Vote</b>	<input type="checkbox"/>

**C.E.O. RECOMMENDATION:**

APPROVE

BY: *Jennifer L. Sargent*  
Jennifer L. Sargent

**County Executive Office Signature**

Dept't Recomm.:  Consent  Policy  
 Per Exec. Ofc.:  Consent  Policy

Departmental Concurrence

Reviewed by  
*Christopher Hans*  
Christopher Hans

Prev. Agn. Ref.: 3.36, 6/2/09

District: All

Agenda Number:

**3.62**

**BACKGROUND:**

On June 2, 2009, the Board of Supervisors authorized the Economic Development Agency (EDA) to apply for, receive and distribute funding from the Energy Efficiency & Conservation Block Grant Program (EECBC) to eligible parties for eligible activities. On June 18, 2009, EDA submitted its initial application for EECBG funding to the Department of Energy (DOE).

The initial funding request was for \$50,000 to complete the Energy Efficiency and Conservation Strategy document (EECS) that is a program prerequisite for receiving funding for energy efficiency projects. On August 4, 2009, the DOE approved the initial application and awarded the county \$50,000 for this purpose.

According to the grant requirements, the county has 120 days from August 4, 2009 to complete the strategy document and submit it to DOE, along with a proposed project list, proposal justifications and budget estimates. The final project list and accompanying documents are due to DOE by **December 2, 2009**. EDA seeks Board of Supervisors approval to submit the attached project list to DOE for funding in accordance with grant requirements. Once approved, the county will have until August 31, 2012, to complete all projects on the list.

Many projects of all types within the county were considered in developing the EECBG project list. All projects conform to the eligibility requirements set forth by DOE. County departments were consulted for suggestions and audits were conducted in many facilities. Projects were selected based on their ability to achieve significant energy savings, address deferred maintenance issues, and decrease the county's ongoing energy and maintenance costs. The county will also realize significant reductions in greenhouse gas emissions, while creating local "green" jobs.

**Project Highlights:**

- EECBG funding will allow the county to install its first solar panel systems on existing County buildings.
- The estimated annual savings in kilowatt hours is 3.2 million, in addition to a demand reduction of over 250 kW. Resulting annual cost savings are projected to be \$400,000.
- One-time rebates from utility companies for performing these projects are estimated to exceed \$525,000. Per DOE guidelines, rebates will be used towards project costs. This means that over \$7 million in projects will be completed.
- Using DOE's job calculation formula, performance of these projects will create an estimated 71 jobs, mainly for vendors who are awarded contracts for these projects.

Economic Development Agency  
Project List for the Energy Efficiency & Conservation Block Grant  
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**FINANCIAL DATA:**

There is no cost associated with submitting the project list for funding through the Energy Efficiency & Conservation Block Grant from the Department of Energy. Thus, there is no impact to the General Fund and no additional net county cost will be incurred as a result of this transaction.

## Energy Efficiency Conservation Block Grant (EECBG) Proposed Project List

Project Location	Address	City	Proposed Project	Total Project Cost
Twin Pines Ranch	49500 Twin Pines Rd.	Banning	Lighting retrofit	\$39,371
Edward Dean Museum	9401 Oak Glen Rd.	Cherry Valley	HVAC Retrofit--Admin Bldg	\$12,650
County-wide	Multiple locations	County-wide	Traffic signal LED retrofit (amber)	\$125,830
County-wide	Multiple locations	County-wide	Illuminated street sign LED retrofit	\$481,280
County-wide	County-wide	County-wide	RPU/County Partnership--GreenQuest	\$32,000
County-wide	County-wide	County-wide	Energy Strategy Consultant	\$50,000
County-wide	County-wide	County-wide	AB 32--General Plan Compliance	\$750,000
County-wide	County-wide	County-wide	SB 375--General Plan Compliance	\$450,000
Fire Station #23	24919 Marion Ridge Rd.	Idyllwild	Insulated Bay Doors	\$15,400
Indio Juvenile Hall	47665 Oasis St.	Indio	Chiller replacement	\$157,500
County Fairgrounds	46-350 Arabia St.	Indio	HVAC Upgrade	\$98,226
Indio Hills Community Ctr	80-400 Dillon Rd.	Indio	Shade Structure Solar System (8 kW)	\$52,856
Ben Clark Training Center	16958 Bundy Ave.	Moreno Valley	Chiller replacement	\$141,206
SWJC Detention Center	30755 Auld Rd.	Murietta	Lighting retrofit	\$233,304
Roy's Desert Resource Ctr	19531 McLane	Palm Springs	Rooftop Wind Turbines	\$171,291
County Farm Central Plant	4090 County Circle Dr.	Riverside	Chiller replacements/Building Controls/VFDs	\$1,158,445
Riverside District Attorney	4075 Main St.	Riverside	Glaze exterior windows	\$70,266
CAC Parking Structure	4090 Lemon St.	Riverside	Carpport Solar System (110 kW) & LED Lighting Retrofit	\$750,577

**Energy Efficiency Conservation Block Grant (EECBG) Proposed Project List**

<b>Project Location</b>	<b>Address</b>	<b>City</b>	<b>Proposed Project</b>	<b>Total Project Cost</b>
March JPA	23555 Meyer Dr.	Riverside	Greenhouse Gas Emissions Inventory (subgrant)	\$15,000
Eddie Dee Smith Senior Ctr	5888 Mission Blvd.	Rubidoux	HVAC Retrofit	\$115,500
Fleet Services Fuel	5293 Mission Blvd.	Rubidoux	Carport/Roof Solar System (140 kW)	\$1,435,608
Temecula CAC	41002 County Ctr Dr.	Temecula	Building Controls/VFDs	\$235,290
<b>SUBTOTAL--PROJECTS</b>				<b>\$6,591,600</b>
<b>TOTAL EECBG GRANT</b>				<b>\$6,591,600</b>
<b>BALANCE</b>				<b>\$0</b>