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California Energy Commission



## Staff Draft **BLOCK GRANT GUIDELINES** (FORMULA-BASED GRANTS)

## **ENERGY EFFICIENCY CONSERVATION BLOCK GRANT PROGRAM**

JULY 31, 2009  
CEC-150-2009-002-DF

American Recovery and Reinvestment Act 2009

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# Energy Efficiency and Conservation Block Grant (EECBG) Program Guidelines

## 1. Background

The **California Energy Commission**<sup>1</sup> (Energy Commission) has developed these *Guidelines* to help implement and administer the **Energy Efficiency and Conservation Block Grant Program** (EECBG Program). The purpose of the EECBG Program is to help cities and counties implement projects and programs that will:

- Reduce fossil fuel emissions in a manner that is environmentally sustainable, and to the maximum extent practicable maximize benefits for local and regional communities.
- Reduce total energy use.
- Improve energy efficiency in the building sector, the transportation sector, and other appropriate sectors.

The EECBG Program was created by the **Energy Independence and Security Act of 2007 (EISA)**. It is funded by the **American Recovery and Reinvestment Act of 2009 (ARRA)**, which provides \$787 billion in economic investment nationally for the purpose of stimulating the economy. ARRA appropriates funding to the U.S. Department of Energy (DOE) for the issuance of formula-based block grants to states, U.S. territories, large cities and counties,<sup>2</sup> and Indian tribes.

In addition, the EECBG Program is subject to the requirements of Public Resources Code sections 25450 – 25450.5, as enacted by Assembly Bill 2176<sup>3</sup> and amended by Assembly Bill X4 11<sup>4</sup>. This state law requires the Energy Commission to use not less than 60 percent of the EECBG Program funds for **small cities and counties** and be prioritized based on cost-effective energy efficiency.

These *Guidelines* summarize the manner in which the Energy Commission plans to implement the EECBG Program. Specifically, the *Guidelines* perform the following functions:

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<sup>1</sup> Terms that appear in bold are defined in the Glossary at the end of this document.

<sup>2</sup> DOE allocates the majority of the funds available through the EECBG Program to cities with populations over 35,000 ~~and~~ counties with populations over 200,000 ~~and Indian tribes~~. These large cities and counties ~~and tribes~~ must apply directly to DOE for program funding.

<sup>3</sup> AB 2176, Stats. 2008, ch.229.

<sup>4</sup> ABX4 11, Stats. 2009, 4<sup>th</sup> Ex. Sess., ch.11, sec. 16-21.

- Provide direction to potential applicants on the types of proposals sought by the Energy Commission for the EECBG Program.
- Explain screening and evaluation criteria.
- Outline the award process.
- Describe reporting and documentation requirements.
- Describe payments to recipients.

## 2. Funding

DOE has allocated the Energy Commission \$49.6 million for the EECBG Program. The Energy Commission must distribute not less than 60 percent or approximately \$29.7 million of these funds to **small cities and counties** that are not eligible for direct grants from DOE. There are approximately 265 small cities and 44 small counties eligible for this funding. Attachment A provides a complete listing of the eligible small cities and counties and the funding award allocation. For purposes of these guidelines, “eligible” means eligible for an Energy Commission administered grants grant through a funding award agreement.

A formula-based allocation methodology distributes the funding to all eligible applicants. The minimum funding award allocation is \$25,000.

- Minimum Funding Awards: ~~Cities with a population less than 5,000 will receive a fixed \$25,000 funding award. Counties with a population less than 10,000 will receive a fixed \$50,000 funding award.~~ Cities that would receive less than \$25,000 under the formula qualify for an award of \$25,000. Counties that receive less than \$50,000 under the formula qualify for an award of \$50,000.
- Population-Based Formula: For all other eligible cities and counties, the formula funding allocation methodology is calculated by \$5.00 per total population, plus an unemployment calculation adder as follows<sup>5</sup>:

$$\text{Base Population Calculation} = \text{Population} * \$5.00^6$$

<sup>5</sup> If an eligible small city or county does not apply for its EECBG funding allocation or is unable to utilize its EECBG funding allocation, the Energy Commission may use the unsubscribed funds to increase the \$5.00 per capita allocation for participating cities and counties to the extent needed to satisfy the 60 percent funding requirement. The increased allocation will be made on a per capita basis relative to the total population of participating small cities and counties.

Unemployment Adder = Base population calculation \* Unemployment rate <sup>7</sup>

For example: If City X has a population of 10,000 with an unemployment rate of 11.2 percent, the formula is as follows:

|                             |                               |
|-----------------------------|-------------------------------|
| Base Population Calculation | (10,000 * \$5.00) = \$ 50,000 |
| Unemployment Adder          | (\$50,000 * 0.112) = \$ 5,600 |
| Total Funding Award         | <b>\$ 55,600</b>              |

Jurisdictions may pool their funding allocations and submit a joint grant application (See “Eligibility” section). Applicants may apply for funding up to the maximum amount specified in Attachment A for projects that meet the Eligibility Criteria specified in these *Guidelines*.

### **Competitive Grant Option**

The Energy Commission may allocate additional EECBG funds for competitive grants. ~~which would be used to fund innovative projects. Successful applicants would receive a competitive grant in addition to a formula-based grant. Receiving a formula-based grant will not affect eligibility to compete in a Competitive Grant Program Option. These program options are considered independent funding opportunities. The solicitation document will include further information regarding this option. The Energy Commission will provide information on additional grant opportunities with EECBG funding.~~

### **Energy Efficiency Loan Program Funding**

Eligible applicants may combine an EECBG funding award with an Energy Commission loan<sup>8</sup> for all or a portion of the balance of the project cost. The Energy Commission’s Energy Efficiency Loan Program provides low interest loans for the installation of energy efficiency projects.

### **ARRA State Energy Program Funding**

~~An award agreement through the~~ Eligible applicants may combine an EECBG ~~Program funding award may be combined~~ with ARRA State Energy Program (SEP) funding<sup>9</sup> for all or a portion of the balance of the project cost. ~~Jurisdictions may be eligible~~ Eligible

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<sup>6</sup> Federal Register, Volume 74, Number 71, April 15, 2009

<sup>7</sup> The unemployment rate is based on the Employment Development Department Labor Market Information Division, Report 400 for the Month of June 2009. See <http://www.labormarketinfo.edd.ca.gov>.

<sup>8</sup> For additional information on the Energy Commission’s Energy Efficiency Financing Program please see <http://www.energy.ca.gov/efficiency/financing/index.html>.

<sup>9</sup> For additional information on the ARRA State Energy Program please see <http://www.energy.ca.gov/recovery/sep.html>.

applicants may qualify for SEP funding and are encouraged to combine all funding resources when available.

### **Leveraging ARRA Funding**

Jurisdictions Eligible applicants should pursue local utility rebates and incentives for energy and water efficiency projects to leverage the funds applied for through EECBG Program. Utility rebates and incentives can be researched at [www.flexyourpower.com](http://www.flexyourpower.com) or by calling the local electric, gas and water utilities.

## **State Law**

The California legislature passed **Assembly Bill 2176** (California Public Resources Code §§ 2450-25453) in 2008 to grant the Energy Commission authority to administer the EECBG Program. AB 2176 requires the Energy Commission to prioritize cost-effective energy efficiency projects, and places a 5 percent cap on administrative expenses. The cap applies to all funding recipients (See “Administrative Expenses” section).

### **3. Cost-Effectiveness**

As explained above, State law AB 2176 requires the Energy Commission to prioritize the use of program funds for cost-effective energy efficiency projects. The Energy Commission defines cost-effectiveness as achievement of minimum energy savings per dollar spent (10 million source **British Thermal Units (Btus)** per year for each \$1000 spent). Dollars spent/project costs include only EECBG funds. No utility rebates or incentives, loan funding, or other potential sources of matching funds may be considered in the dollars spent/project cost when calculating this cost-effectiveness ratio.

As a reference to the 10 million source Btu's per \$1000 spent criterion, Table 1 below illustrates energy sources and the equivalent energy unit per dollar spent. This represents another method of determining if a project is cost-effective using the Btu criteria criterion.

**Table 1**

| <b>Energy Source</b> | <b>Energy Saving Units</b> | <b>Award Dollars Spent</b> |
|----------------------|----------------------------|----------------------------|
| <b>Electricity</b>   | 1 kWh/year                 | \$1.00                     |
| <b>Natural Gas</b>   | 1 Therm/year               | \$10.00                    |
| <b>Propane</b>       | 1 Gallon/year              | \$9.50                     |
| <b>#2 Fuel Oil</b>   | 1 Gallon/year              | \$14.00                    |

*Engineering Assumptions: Source Btu calculations*

- 1) Electricity (10,239 Btu's per kWh)
- 2) Natural Gas (100,000 Btu's per therm)
- 3) Propane (95,000 Btu's per gallon)
- 4) #2 Fuel Oil (140,000 Btu's per gallon)

The Energy Commission will create an on-line calculator to assist with calculation of cost-effectiveness.

Typically, the most cost-effective projects include, but are not limited to:

- Lighting retrofits and controls.
- Street lighting and traffic signal retrofits.
- Heating, ventilation and air conditioning (HVAC) modifications and controls.
- Automated energy management systems, motors, variable speed drives and pumps.
- Water/wastewater system process and control retrofits.

Each applicant must provide a feasibility study with costs and energy savings estimates on the project(s) proposed for EECSBG funding awards, and certify that they are the most cost-effective energy efficiency project opportunities. A feasibility study must include the following:

- A description of the proposed energy efficiency projects and the buildings or facilities that will be affected by these projects.
- A discussion of baseline energy use for the affected facilities, including annual energy-related utility bills.
- All calculations and assumptions to support the technical feasibility and energy savings of the recommended projects.
- A proposed budget detailing all project cost.
- A proposed schedule for implementation of the projects.

#### **4. Period of Performance**

Pursuant to the federal EECSBG guidelines,<sup>10</sup> all projects must be completed and operational by September 30, 2012.

An applicant may not begin work on that portion of a project awarded funding under these Guidelines prior to the Energy Commission's approval and execution of the applicant's award agreement. Project expenses incurred prior to the approval and execution of a funding award agreement are not eligible for reimbursement under the funding award agreement.

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<sup>10</sup> See Financial Assistance Funding Opportunity Announcement for Energy Efficiency and Conservation Block Grants (DE-FOA-0000013) at: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=46340>.

## 5. Eligibility

### a) Eligible Applicants

Individual applicants

EECBG funding is available to: (1) incorporated cities within the State of California that did not receive direct EECBG funding from DOE; and (2) counties within the State of California that did not receive direct EECBG funding from DOE. Attachment A lists all eligible applicants.

Collaborative applicants

~~Pending DOE approval, applicants~~ Applicants may collaborate with each other to share and leverage their internal resources. The lead collaborator, with written authorization from the other collaborating applicants, may apply for and receive a funding award on behalf of all collaborating applicants. The lead collaborator ~~must~~ may be an eligible applicant, or other public or nonprofit agency.

All eligible applicants may apply. Only one application per eligible applicant is allowed. Therefore, an eligible applicant must choose to apply either as an individual applicant or as a partner under a collaborative application. A jurisdiction that applies individually may provide its award to a lead collaborator and participate in collaboration with other jurisdictions. If two applications are received from a single eligible applicant, both applications will be returned to the applicant(s).

### b) Eligible Projects Examples

Pursuant to ~~AB-2176~~ state law, all eligible projects must focus on energy efficiency, and must be cost-effective. Typically, the most cost-effective projects include but are not limited to:

#### **Lighting:**

- 1) T-12 lamps and magnetic ballasts to T-8 lamps and electronic ballasts conversion.
- 2) T-8 lamps (32 watt) to T-8 lamps (28 ~~or 25~~ watt) conversion.
- 3) HID and Incandescent street lighting to induction or LED Street Lighting conversion.
- 4) HID lighting for parking garages or lots to induction or LED Lighting conversion.
- 5) Incandescent or Fluorescent exit signs to LED exit signs.
- 6) Incandescent lamps to Fluorescent lamps retrofit.
- 7) Installation of lighting controls such as occupancy sensors, dimming, photocell, etc.



**Mechanical:**

- 1) Pneumatic controls to Direct Digital Control (DDC) conversion.
- 2) Constant Volume Air Handlers to Variable Air Volume Controls conversion.
- 3) Variable Frequency Drives installations on pumps and motors.
- 4) Upgrades on heat pumps and chiller systems.
- 5) Demand Control Ventilation.
- 6) Chilled Water and hot water loop outside air reset.
- 7) Premium efficiency motors retrofits.
- 8) Condensing boilers.

**Controls:**

- 1) Installation of Energy Management System.
- 2) Installation of SCADA system.
- 3) Vending machine controllers.
- 4) CO sensors for parking garages fans.

Projects that do not meet the cost-effectiveness criterion alone may be coupled with one or more strategies to ensure that the overall project is cost-effective. Accordingly, an eligible project may be a package of energy efficiency technologies and/or practices. Table 2 illustrates this approach. Projects 1 and 2 are cost effective as stand-alone projects, while Project 3 is not. When these three projects are averaged together, Project 3 becomes a cost-effective project.

**Table 2**

| <b>Project</b>       | <b>Energy Savings (kWh)</b> | <b>Source Btu Savings</b> | <b>Project Cost Award Dollars Spent</b> |
|----------------------|-----------------------------|---------------------------|---|
| <b>Project 1</b>     | 19,461                      | 199,261,179               | \$17,826                                |
| <b>Project 2</b>     | 32,089                      | 328,559,271               | \$22,058                                |
| <b>Project 3</b>     | 30,512                      | 312,412,368               | \$38,283                                |
| <b>Total Project</b> | <b>82,062</b>               | <b>840,232,818</b>        | <b>\$78,167</b>                         |

**Direct Equipment Purchase Project Option**

Some eligible applicants may not have the resources and/or expertise to develop complex energy efficiency projects. In these cases, eligible applicants may choose to use their funding awards to make a direct purchase of ~~pre-selected~~ energy efficiency ~~measures~~ equipment, preselected by the Energy Commission. This direct purchase option ~~may~~ can take advantage of bulk purchase discounts through the State of

California or other local jurisdiction-approved vendor(s), if available, or be a direct purchase from a local distributor/vendor. ~~The solicitation document will include additional criteria. Attachment B and provides a list of preselected energy efficiency measures equipment. The Energy Commission may consider adding additional equipment to the approved list, as a substantive change to the guidelines.~~

### **c) Eligibility Criteria**

In order to be eligible for funding under the EECBG Program, projects must meet the minimum criteria listed below. The solicitation document may include additional criteria. The minimum criteria for funding eligibility include:

- Applicants must be eligible to apply as previously defined.
- Projects must focus on energy efficiency.
- Projects must be cost-effective.
- Projects must include a feasibility study that provides estimates of costs and energy savings.
- Applicants must demonstrate that projects will be completed by September 30, 2012.
- ~~• Project administration cost must be below 2 ½ percent of the funding award received from the Energy Commission.<sup>11</sup>~~
- Applicants must demonstrate ability to comply with state and federal reporting obligations, including documentation of jobs created and greenhouse gas impacts.
- No grant funds may be used for energy efficiency projects related to swimming pools, gambling establishments, aquariums, zoos, or golf courses.

For jurisdictions using the Direct Equipment Purchase Project Option, the application must certify that: equipment will be used in specific locations and applications, ~~less than 2 ½ percent of funds will be used for administrative expenses~~, the jurisdiction will comply with state and federal reporting obligations, and the jurisdiction will not use funds for the purposes prohibited in the last bullet above.

### **Administrative Expenses**

~~AB 2176 places a 5 percent cap on the administrative expenses of all public and private entities associated with the disbursement and expenditure of EECBG funds. As the cap applies cumulatively and the Energy Commission must use some funding for program administration, applicants must limit project administrative costs to below 2 ½ percent of~~

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<sup>11</sup> This requirement derives from AB 2176, which places a 5% limit on administrative costs for the state and all recipients of EECBG funding.

~~the funding received from the Energy Commission. AB 2176 defines administrative expenses as follows:~~

- ~~• Administrative program costs~~
- ~~• Indirect costs~~
- ~~• Overhead~~

~~The solicitation document will include additional information regarding administrative expenses.~~

## **6. Application Process**

### **a) Solicitation Document**

The Energy Commission will issue a solicitation document to initiate the application process. Eligible applicants who want to receive funding for projects pursuant to these Guidelines must apply to the Energy Commission as specified in the solicitation document. The document will identify the following:

- The program or program element for which the solicitation is issued.
- Eligibility requirements.
- Maximum amount of funds available under the solicitation, including any maximum or minimum amounts for individual funding awards.
- Schedule or timetable for conducting the solicitation.
- Administrative requirements for submitting applications, including forms and instructions.
- Criteria used to screen and evaluate funding applications.
- A sample funding award agreement that the recipient will be expected to execute. The agreement will identify the terms and conditions applicable to an award and will include provisions that address matters such as funding award payments and invoicing, project management, progress reports, dispute resolution, award termination, and any provisions required by law.

Unless otherwise specified in a solicitation document, the Energy Commission or Committee may cancel a solicitation at any time prior to the final date applications are due under the solicitation.

### **b) Request for Funding**

Eligible applicants who want to receive program funding must apply for funding pursuant to the solicitation document described above. Applications must be received by ~~in the~~ Energy Commission ~~Commission's Grants and Loans Office~~ by the date and time specified in the solicitation document.

Unless indicated otherwise in the solicitation document, applications for funding must include the following, at a minimum:

- Name, address, and business contact information of applicant.
- Name, address, and business contact information of the project contact.
- Description of project(s) for which funding is sought and supporting engineering analysis.
- An itemized budget for the project that identifies all related costs and expenses.
- A certification by an authorized representative of the applicant that the information included in the application is true and correct to the best of the individual's knowledge.
- Evidence that the applicant has complied with requirements of the Single Audit Act.

Applications may require additional information as required by law or the Energy Commission, and as specified in the solicitation document.

#### c) Governing Board Documentation

All county and city ~~applicants~~ ~~recipients~~ must provide an original signed resolution (or copy with original signed certification), order, motion, or ordinance of the local governing body which by law has authority to enter into the funding award agreement. This document must authorize the ~~applicant~~ ~~recipient~~ to enter into the funding award agreement and designate an authorized representative to execute all necessary agreements to implement and carry out the purposes of the award. If an eligible applicant is applying under a collaborative partnership, the governing board resolution must state the applicant is allowing the collaborative lead to apply and receive funding on its behalf. The recipient cannot be reimbursed for expenditures from the Energy Commission until the resolution, order, motion, or ordinance has been fully executed and submitted to the Energy Commission. In addition, reimbursable expenditures cannot be incurred until after the Energy Commission has approved the funding award agreement. A sample governing board resolution will be provided in the solicitation document.

## 7. Selection Method

Projects will be screened for completeness and then evaluated for eligibility and technical accuracy only. No other criteria or scoring will be used to evaluate applications. The selection process is as follows:

- Energy Commission staff will review the application for completeness. All applications must contain an analysis of project cost and estimated annual energy savings. The analysis must clearly state all assumptions used and the

basis for the assumptions. If the application is not complete, staff will request additional information in writing. The Energy Commission will return the application unprocessed if additional information is not received within the time frame specified in the written request, or if the application contains confidential information. When the application is complete, it will be recorded as “received,” and will continue in the review process.

- Complete applications will be reviewed to determine if they meet the minimum project eligibility criteria.
- Applications meeting the minimum project eligibility criteria will be screened for technical accuracy. All supporting engineering analysis will be reviewed to ensure accuracy of cost and savings estimates and reasonableness of assumptions used in calculations.
- The application will be recommended for funding only if it passes the completeness screening, minimum eligibility criteria, and technical accuracy screening.

## **8. Approval of Awards**

The ~~ARRA Ad Hoc~~ Committee will make recommendations for all funding awards. The Energy Commission may approve the awards at an Energy Commission Business Meeting. Upon approval by the Energy Commission, a funding award agreement will be generated. The agreement will include the project description, work statement tasks, ~~and milestones~~ and corresponding due dates, budget, and schedule. Failure to meet any work statement tasks and milestones within the schedule or budget specified in the agreement may result in cancellation of the agreement by the Energy Commission.

## **9. Confidentiality**

Unless the program solicitation permits submission of confidential information, applications that contain confidential material will be disregarded and returned to the applicant. All applications submitted to the Energy Commission will be available for public inspection once the project selections are made, with the exception of confidential materials that may be permitted under a solicitation.

## **10. Cancellation of Awards**

An applicant may withdraw its application for funding at any time prior to the Energy Commission’s approval of a funding award agreement. After the funding award

agreement has been executed, the Energy Commission may terminate the agreement it under those circumstances and terms and conditions specified in the funding award agreement.

## **11. Funding Award Packages**

Unless indicated otherwise in the solicitation document, the award package will include at a minimum the following:

- A grant award agreement that includes the terms and conditions applicable to the award, and signature blocks for the recipient and Energy Commission;
- A detailed description of project activities and milestones with corresponding due dates;
- A schedule of project activities and corresponding due dates; and
- An itemized budget for the project that identifies all related costs and expenses.

## **12. Award Payments and Invoicing**

Unless indicated otherwise in the solicitation document or the award agreement, award payments shall be subject to the following conditions:

- a) Payments will be made on a reimbursement basis, after the recipient submits the appropriate invoice(s) to the Energy Commission. (If an applicant is receiving funds from other funding sources(s), total funds requested by all sources shall not exceed the total cost of the project.) Advance Payments may be considered as authorized by Federal Law. The solicitation document will specify the requirements and conditions under which advance payments will be considered.
- b) Ten percent (10%) of the award agreement amount will be withheld as retention until the final report is received from the applicant and the Commission's Project Manager determines the Project has been satisfactorily completed.
- c) All invoices must be submitted with a completed payment request form, as specified by the Energy Commission, and accompanied by all backup documentation. The backup documentation must include copies of paid invoices and receipts detailing the specific equipment and purchases, the services produced, and personnel time records where appropriate.
- d) Prior to final payment, the Energy Commission reserves the right to verify that the amount of the funding award agreement, when combined with all other sources of funding for the project, including any utility rebates or incentives, does not exceed 100 percent of the total project cost.

- e) Energy Commission staff must approve all invoices. Such approval is subject to the recipient's acceptable submittal of the required progress reports, other specified products, and the appropriateness of the invoiced expenses under the funding award agreement.

### **13. Tracking and Reporting**

Though recipients may use EECBG funding in conjunction with other funding, **tracking and reporting of EECBG funding must be separate** to meet federal and state reporting requirements. The terms and conditions of the funding award agreement will specify the format, tools and information required for reporting programmatic and energy metrics as identified by the DOE and the federal government.

### **14. Reports and Documentation**

All recipients will be required to submit regular progress reports and a final report to Energy Commission staff as specified in the applicable solicitation document and/or funding award agreement.

### **15. Project Changes**

Changes to the project's work statement, to specific line items in the project budget, or both may be made under the following conditions:

- Such changes must not alter the original scope or purpose of the project as proposed in the application and as approved by the Committee and/or full Commission; and
- Such changes must not appreciably affect the value of the project. Unless indicated otherwise in the award agreement, all changes are subject to necessary approval by the Committee. The recipient shall notify Energy Commission staff in writing and in advance of implementing any such changes.

### **16. Reallocation of Funds**

The Energy Commission is required to award no less than 60% of California's EECBG funds to California cities and counties not receiving direct EECBG allocations from the U.S. Department of Energy. Therefore, funding may be reallocated as necessary to best achieve this ARRA mandatory condition.

The Energy Commission may increase the \$5.00 base per capita allocation amount to participating EECBG eligible applicants if an eligible applicant is unwilling or unable to utilize their EECBG funding allocation.

## **17. Project Extensions**

Project extensions are not permitted. Projects funded pursuant to these *Guidelines* must be completed and operational by the date specified in the funding award agreement. If a project cannot be completed by this date, the funding award agreement will be terminated and if time allows, the funds will be reallocated.

## **18. Program Evaluation, Project Monitoring, and Verification**

The Energy Commission or the Department of Energy may audit a sample of funding recipients to verify compliance with these *Guidelines* and the solicitation document, and to measure and verify electricity and fuel reductions. In addition, the Energy Commission will monitor the progress of award agreements and evaluate the effectiveness of the particular program or program element.

## **19. Random Audits, Record Retention, and Access to Facilities**

Upon written request from the Energy Commission, the recipient shall provide detailed documentation of all expenses, allow the Energy Commission or its agent access to facilities and records, and allow the Energy Commission or its agent to collect data needed to measure and verify electricity and fuel reductions (this may include but is not limited to utility bills, metering data, facility equipment surveys, information on operational practices and site occupancy levels). Further, if requested, the recipient must provide the Energy Commission or its agent associated data from a period prior to the start of the project as necessary to establish baseline energy and/or fuel use.

In addition, the recipient must allow any representative of the Energy Commission, or any other agency of the state, or the federal government, upon written request, to have reasonable access to and the right of inspection of all records and transactions that pertain to the project and to the recipients' energy use and to interview any officer or employee of the recipient regarding such transactions during the term of the agreement and for a period of three years after the ending term of the Energy Commission's federal grant agreement which funds the project. Further, the recipient must agree to incorporate an audit of this project within any scheduled audits, when specifically requested by the state.

~~The recipient must agree to include a similar right to audit in any subcontract or subgrant.~~ The recipient shall retain all project records (including financial records, progress reports, payment requests, and electricity and fuel reduction documentation) for a minimum of three years after the ending term of the Energy Commission's federal grant agreement that funds the project. ~~project has been formally concluded, or final payment received, whichever is later, unless otherwise specified in the award agreement.~~



The recipient must agree to include these audit rights in any subcontract or subgrant.

## **20. Use and Disclosure of Information and Reports**

The Energy Commission, other state agencies, the federal government, or its-~~their~~ authorized agents may use any information or records submitted to the Energy Commission or obtained as part of any audit pursuant to these *Guidelines* to determine eligibility and compliance with these *Guidelines*, applicable law, or a particular award agreement, to evaluate the pertinent program or program elements, and to prepare necessary reports as required by law. The information and records include, but are not limited to, applications for funding, invoices for funding award payments, and any documentation submitted in support of said applications or invoices.

Information and records submitted pursuant to these *Guidelines* will be disclosed to other governmental entities and policing authorities for civil and criminal investigation and enforcement purposes. This information and records may also be disclosed to the public pursuant to the California Public Records Act (Government Code Section 6250, et seq.). Personal information, such as taxpayer identification or social security numbers, will not be disclosed to the public.

Information concerning the identity of recipients and the amount or payment of funding awards is public information. This information, along with other public information describing funding recipients, may be disclosed to members of the public to educate them and encourage further program participation. The information may be disclosed through the Energy Commission's website, another State of California agency website, a federal government website, or through other means, ~~as the Energy Commission deems appropriate.~~

If, as part of any audit, the Energy Commission requires a recipient to provide copies of records that the recipient believes contain proprietary information entitled to protection under the California Public Records Act or other law, the recipient may request that such records be designated confidential pursuant to the Energy Commission's regulations for confidential designation, Title 20, California Code of Regulations, Section 2505.

## **21. Reconsideration and Appeal**

Applicants may appeal the denial of a funding award pursuant to this section upon a showing that factors other than those described in these *Guidelines* were applied by the Energy Commission in denying a funding award.

### **a) Committee Reconsideration**

Any applicant who applied for but did not receive a funding award may petition the Committee for reconsideration. The petition for reconsideration shall be in writing and shall be submitted, together with any supporting documentation, to the Committee at the following address within 15 days of the date of the notice of funding denial:

California Energy Commission  
ARRA Ad Hoc Committee  
1516 Ninth Street, MS-31  
Sacramento, CA 95814-5512

The petition shall specify the basis for the appeal, state why the applicant believes the funding denial is improper given the eligibility criteria for the funding as specified in these Guidelines and the applicable solicitation, explain any supporting documentation filed with the petition, identify the legal authority or other basis supporting the petitioning party's position, and identify the remedy sought. Within 45 days of receipt of a complete petition, the Committee, in its discretion, shall either issue a decision based on its consideration of the petition and a response by Energy Commission staff, or schedule a hearing to consider the petition. If a hearing is scheduled, the applicant shall be notified of the hearing date and any additional information the petitioner is directed to submit. This notice shall be given at least 15 days before the Committee hearing date. The Committee may direct the applicant and Energy Commission staff to attend the Committee hearing.

The Committee shall provide the applicant with a written decision on the petition within 45 days of holding the hearing. If the applicant disagrees with the Committee's decision, the applicant may appeal the decision to the Energy Commission as specified in subsection b) of this section. ~~The solicitation document will specify the procedure for appeal.~~

b) Commission Appeal

The applicant may appeal the Committee's decision by filing a letter of appeal with the Energy Commission within 15 days of the date of the Committee's decision. The letter of appeal shall state the basis of the applicant's appeal, explain why the Committee's decision is unacceptable, and provide any supporting documentation. The letter of appeal, supporting documentation, and a copy of the Committee's decision shall be sent to the Energy Commission's Public Adviser at the address below:

California Energy Commission  
Public Adviser's Office  
1516 9th Street, MS-12  
Sacramento, CA 95814-5512

Within 30 days of receipt of the letter of appeal, the Public Adviser shall coordinate with Energy Commission staff and arrange for the appeal to be presented to the Energy Commission at a regularly scheduled Business Meeting. The Public Adviser shall inform the applicant in writing of the Business Meeting date and the procedures for participating in the Business Meeting. The applicant shall be responsible for presenting the appeal to the Energy Commission during the Business Meeting. Unless the Energy Commission determines otherwise during the course of the Business Meeting, a determination on the appeal shall be rendered during the Business Meeting.

## **22. Enforcement Action**

### **a) Recovery of Overpayment**

The Committee, with the concurrence of the Commission, may direct the Commission's Office of Chief Counsel to commence formal legal action against any recipient or former recipient to recover any portion of a funding award the Committee determines the recipient or former recipient was not otherwise entitled to receive.

### **b) Fraud and Misrepresentation**

The Committee may initiate an investigation of any recipient which the Committee has reason to believe may have misstated, falsified, or misrepresented information in applying for a funding award, invoicing for a funding award payment, or in reporting any information as required by the Guidelines. Based on the results of the investigation, the Committee may take any action it deems appropriate, including, but not limited to, cancellation of the funding award, recovery of any overpayment, and with the concurrence of the Commission, recommending the initiation of an Attorney General investigation and prosecution pursuant to Government Code sections 12650, et seq., or other provisions of law.

### **c) Federal Action**

The Federal government, through various departments, including, but not limited to, the U.S. DOE and the U.S. Department of Justice, may independently investigate any recipient and bring actions for fraud or misrepresentation as appropriate.

## **23. Guideline Authority**

These *Guidelines* are adopted pursuant to Public Resources Code Section 25450.5, subdivision (a), which authorizes the Commission to adopt guidelines governing the award, eligibility, and administration of funding for the EECBG Program pursuant to ARRA. The guidelines adopted pursuant to this authority are exempt from the rulemaking requirements of the Administrative Procedures Act, as specified in Chapter

3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code. These *Guidelines* may be revised pursuant to Public Resources Code Section 25450.5, subdivision (a).

## **24. Guideline Interpretation**

Nothing in these *Guidelines* shall be construed to abridge the powers or authority of the Energy Commission or any Energy Commission-designated Committee as specified in Division 15 of the Public Resources Code, commencing with Section 25000, or Division 2 of Title 20 of the California Code of Regulations, commencing with Section 1001.

## **25. Effective Date of Guidelines**

These *Guidelines* shall not be effective until adopted by the Energy Commission at a publicly-noticed meeting. The Energy Commission will post the adopted *Guidelines* on its website:

<http://www.energy.ca.gov/recovery/blockgrant.html>

Applicants may also obtain the *Guidelines* by contacting:

California Energy Commission  
EECBG Program  
1516 Ninth Street, MS-39  
Sacramento, CA 95814  
*E-mail: EECBG@energy.state.ca.us*

## **26. Substantive Changes in Guidelines**

Substantive changes to these *Guidelines* may be made upon the recommendation of the Committee with the approval of the Energy Commission. Substantive changes shall take effect once adopted by the Energy Commission at a publicly noticed meeting with no less than 15-days public notice. Substantive changes include but are not limited to the following:

- Changes in screening for eligibility.
- Changes in minimum or maximum dollar amount or energy use reduction required for individual grants, applicants or projects.
- Changes in funding criteria or incentive levels for determining award amount.
- Addition of new EECBG Program elements.

## **27. Non-Substantive Changes in Guidelines**

Non-substantive changes to these *Guidelines* may be made upon the recommendation and approval of the Committee. Non-substantive changes shall take effect 15 days after the Committee has approved and publicly noticed the non-substantive changes. Non-substantive changes include, but are not limited to the following:

- Changes to the formatting of any application, invoicing, reporting, or other form.
- Changes in the information required in any application, invoicing, reporting, or other form.

## **GLOSSARY**

### **AB 2176**

~~Assembly Bill 2167 is a law passed by the California legislature in 2008 that grants the Energy Commission authority to administer the EECBG Program.~~

### **American Recovery and Reinvestment Act of 2009 (ARRA)**

A Federal law signed by President Barack Obama in February 2009 that appropriates funds for job preservation and creation, promotion of economic recovery, investment in environmental protection and science, and stabilization of State and local government budgets.

### **Applicant**

A city or county that has applied for a funding award pursuant to these Guidelines.

### **British Thermal Unit (Btu)**

A measurement of energy. The amount of heat required to raise the temperature of one pound of water from 60 degrees Fahrenheit to 61 degrees Fahrenheit at a constant pressure of one atmosphere.

### **California Energy Commission (Energy Commission)**

The State of California's primary energy policy and planning agency. The Energy Commission is responsible for administration of the State's EECBG Program.

### **Committee**

The Energy Commission's American Recovery and Reinvestment Act of 2009, Ad Hoc Committee, or other Energy Commission committee subsequently charged with implementing the American Recovery and Reinvestment Act of 2009.

### **Cost-effectiveness**

Achievement of minimum energy savings per dollars spent (10 million source Btu's per each \$1000 of award spent). AB 2176 requires that the Energy Commission to prioritize cost-effective projects.

### **Energy Efficiency and Conservation Block Grant Program (EECBG Program)**

A federally-funded program that provides states, U.S. territories, cities, counties, and Indian tribes funding to reduce fossil fuel emissions and total energy use, and to improve energy efficiency in the building sector, the transportation sector, and other appropriate sectors. The EECBG Program was created by the Energy Independence and Security Act of 2007. It is funded by the American Recovery and Reinvestment Act of 2009.

### **Energy Independence and Security Act of 2007 (EISA)**

A federal law that established the EECBG Program.

**Recipient**

An individual or entity awarded funding pursuant to these Guidelines.

**Small City**

An incorporated city within the State of California with a population of 35,000 or less, as determined by the U.S. Department of Energy. Attachment A includes a list of cities meeting this definition.

**Small County**

A county within the State of California with a population of 200,000 or less in the unincorporated area of the county, as determined by the U.S. Department of Energy. Attachment A includes a list of counties meeting this definition.

# ATTACHMENT A

| CITY              | Allocation    |
|-------------------|---------------|
| Adalanto          | \$ 157,296.24 |
| Agoura Hills      | \$ 124,740.15 |
| Albany            | \$ 88,975.18  |
| Alturas           | \$ 25,000.00  |
| Amador            | \$ 25,000.00  |
| American Canyon   | \$ 88,497.92  |
| Anderson          | \$ 60,745.81  |
| Angels Camp/City  | \$ 25,000.00  |
| Arcata            | \$ 94,636.76  |
| Arroyo Grande     | \$ 92,235.80  |
| Artesia           | \$ 91,097.35  |
| Arvin             | \$ 85,761.19  |
| Atascadero        | \$ 152,643.60 |
| Atherton          | \$ 39,939.08  |
| Atwater           | \$ 158,436.60 |
| Auburn            | \$ 72,482.41  |
| Avalon            | \$ 25,000.00  |
| Avenal            | \$ 99,970.87  |
| Banning           | \$ 165,508.09 |
| Barstow           | \$ 140,165.36 |
| Beaumont          | \$ 172,102.90 |
| Belmont           | \$ 134,181.14 |
| Belvedere         | \$ 25,000.00  |
| Benicia           | \$ 146,537.58 |
| Beverly Hills     | \$ 192,705.29 |
| Big Bear Lake     | \$ 34,835.44  |
| Biggs             | \$ 25,000.00  |
| Bishop            | \$ 25,000.00  |
| Blue Lake         | \$ 25,000.00  |
| Blythe            | \$ 129,703.63 |
| Bradbury          | \$ 25,000.00  |
| Brawley           | \$ 143,692.50 |
| Brisbane          | \$ 25,000.00  |
| Buellton          | \$ 25,000.00  |
| Burlingame        | \$ 150,009.75 |
| Calabasas         | \$ 124,211.00 |
| California City   | \$ 78,896.40  |
| Calimesa          | \$ 42,245.51  |
| Calipatria        | \$ 48,692.25  |
| Calistoga         | \$ 28,113.92  |
| Canyon Lake       | \$ 64,068.75  |
| Capitola          | \$ 52,651.13  |
| Carmel-by-the-Sea | \$ 25,000.00  |
| Carpinteria       | \$ 74,117.00  |
| Chowchilla        | \$ 106,234.53 |
| Clayton           | \$ 61,825.95  |
| Clearlake         | \$ 86,138.65  |
| Cloverdale        | \$ 44,972.62  |
| Coalinga          | \$ 105,972.48 |
| Colfax            | \$ 25,000.00  |
| Colma             | \$ 25,000.00  |
| Colusa            | \$ 34,004.04  |
| Commerce          | \$ 74,955.49  |
| Corcoran          | \$ 143,502.38 |
| Corning           | \$ 40,603.84  |

| CITY               | Allocation    |
|--------------------|---------------|
| Coronado           | \$ 125,761.73 |
| Corte Madera       | \$ 49,971.60  |
| Cotati             | \$ 39,545.27  |
| Crescent City      | \$ 44,555.36  |
| Cudahy             | \$ 136,554.12 |
| Del Mar            | \$ 25,000.00  |
| Del Rey Oaks       | \$ 25,000.00  |
| Desert Hot Springs | \$ 138,285.99 |
| Dinuba             | \$ 114,826.17 |
| Dixon              | \$ 97,560.02  |
| Dorris             | \$ 25,000.00  |
| Dos Palos          | \$ 28,935.48  |
| Duarte             | \$ 122,116.68 |
| Dunsmuir           | \$ 25,000.00  |
| East Palo Alto     | \$ 180,213.17 |
| El Cerrito         | \$ 123,065.19 |
| El Paso De Robles  | \$ 156,082.55 |
| El Segundo         | \$ 90,690.74  |
| Emeryville         | \$ 52,096.21  |
| Escalon            | \$ 42,076.65  |
| Etna               | \$ 25,000.00  |
| Eureka             | \$ 141,201.76 |
| Exeter             | \$ 57,355.74  |
| Fairfax            | \$ 38,178.00  |
| Farmersville       | \$ 57,350.00  |
| Ferndale           | \$ 25,000.00  |
| Filmore            | \$ 82,793.26  |
| Firebaugh          | \$ 39,709.44  |
| Fort Bragg         | \$ 36,459.62  |
| Fort Jones         | \$ 25,000.00  |
| Fortuna            | \$ 62,755.72  |
| Foster City        | \$ 157,425.84 |
| Fowler             | \$ 30,424.32  |
| Galt               | \$ 133,735.16 |
| Goleta             | \$ 159,421.88 |
| Gonzales           | \$ 47,224.95  |
| Grand Terrace      | \$ 69,648.16  |
| Grass Valley       | \$ 68,472.01  |
| Greenfield         | \$ 82,019.08  |
| Gridley            | \$ 35,406.25  |
| Grover Beach       | \$ 71,057.10  |
| Guadalupe          | \$ 35,776.33  |
| Gustine            | \$ 29,858.64  |
| Half Moon Bay      | \$ 67,169.52  |
| Hawaiian Gardens   | \$ 85,104.03  |
| Healdsburg         | \$ 60,185.73  |
| Hercules           | \$ 135,629.64 |
| Hermosa Beach      | \$ 108,135.98 |
| Hidden Hills       | \$ 25,000.00  |
| Hillsborough       | \$ 58,462.97  |
| Hollister          | \$ 199,673.76 |
| Holtville          | \$ 34,425.00  |
| Hughson            | \$ 36,711.51  |
| Huron              | \$ 41,322.24  |
| Imperial           | \$ 81,644.63  |



| CITY                 | Allocation    |
|----------------------|---------------|
| Imperial Beach       | \$ 145,392.56 |
| Indian Wells         | \$ 29,129.93  |
| Industry             | \$ 25,000.00  |
| Ione                 | \$ 43,786.40  |
| Irwindale            | \$ 25,000.00  |
| Isleton              | \$ 25,000.00  |
| Jackson              | \$ 25,000.00  |
| Kerman               | \$ 72,074.88  |
| King City            | \$ 63,543.83  |
| Kingsburg            | \$ 63,889.92  |
| La Canada Flintridge | \$ 115,666.62 |
| La Habra Heights     | \$ 32,963.26  |
| La Palma             | \$ 85,345.26  |
| La Verne             | \$ 184,472.83 |
| Lafayette            | \$ 137,074.28 |
| Laguna Beach         | \$ 131,078.22 |
| Laguna Hills         | \$ 174,070.26 |
| Laguna Woods         | \$ 99,415.68  |
| Lakeport             | \$ 29,705.98  |
| Larkspur             | \$ 63,131.40  |
| Lathrop              | \$ 93,809.10  |
| Lawndale             | \$ 175,817.05 |
| Lemon Grove          | \$ 132,373.23 |
| Lemoore              | \$ 136,469.08 |
| Lindsay              | \$ 61,089.22  |
| Live Oak             | \$ 47,483.20  |
| Livingston           | \$ 77,463.12  |
| Loma Linda           | \$ 123,250.32 |
| Lomita               | \$ 112,820.35 |
| Loomis               | \$ 37,402.55  |
| Los Alamitos         | \$ 63,723.66  |
| Los Altos            | \$ 156,514.41 |
| Los Altos Hills      | \$ 46,732.40  |
| Los Banos            | \$ 204,918.00 |
| Los Gatos            | \$ 163,082.66 |
| Loyalton             | \$ 25,000.00  |
| Malibu               | \$ 72,638.37  |
| Mammoth Lakes        | \$ 41,645.15  |
| Maricopa             | \$ 25,000.00  |
| Marina               | \$ 99,159.70  |
| Marysville           | \$ 69,803.01  |
| Maywood              | \$ 158,082.17 |
| Mcfarland            | \$ 67,202.73  |
| Mendota              | \$ 57,553.92  |
| Menifee              | \$ 367,327.50 |
| Menlo Park           | \$ 163,153.98 |
| Mill Valley          | \$ 71,550.00  |
| Millbrae             | \$ 112,629.83 |
| Montague             | \$ 25,000.00  |
| Monte Sereno         | \$ 25,000.00  |
| Monterey             | \$ 157,056.17 |
| Moraga               | \$ 93,464.01  |
| Morro Bay            | \$ 55,982.40  |
| Mount Shasta         | \$ 25,000.00  |
| Needles              | \$ 30,047.20  |

| CITY                  | Allocation    |
|-----------------------|---------------|
| Nevada City           | \$ 25,000.00  |
| Newman                | \$ 58,212.55  |
| Norco                 | \$ 153,258.15 |
| Oakdale               | \$ 116,500.89 |
| Oakley                | \$ 168,313.82 |
| Ojai                  | \$ 42,928.41  |
| Orange Cove           | \$ 60,082.56  |
| Orinda                | \$ 101,129.99 |
| Orland                | \$ 41,061.12  |
| Oroville              | \$ 25,000.00  |
| Pacific Grove         | \$ 80,910.57  |
| Palos Verdes Estates  | \$ 75,930.24  |
| Paradise              | \$ 149,924.23 |
| Parlier               | \$ 76,026.24  |
| Patterson             | \$ 111,562.88 |
| Piedmont              | \$ 58,368.03  |
| Pinole                | \$ 103,454.69 |
| Pismo Beach           | \$ 46,401.30  |
| Placerville           | \$ 55,225.95  |
| Pleasant Hill         | \$ 180,933.62 |
| Plymouth              | \$ 25,000.00  |
| Point Arena           | \$ 25,000.00  |
| Port Hueneme          | \$ 118,652.34 |
| Portola               | \$ 25,000.00  |
| Portola Valley        | \$ 25,000.00  |
| Rancho Mirage         | \$ 95,334.30  |
| Red Bluff             | \$ 79,358.43  |
| Reedley               | \$ 132,456.96 |
| Ridgecrest            | \$ 146,070.45 |
| Rio Dell              | \$ 25,000.00  |
| Rio Vista             | \$ 41,876.63  |
| Ripon                 | \$ 81,860.63  |
| Riverbank             | \$ 119,095.24 |
| Rolling Hills         | \$ 25,000.00  |
| Rolling Hills Estates | \$ 43,579.68  |
| Ross                  | \$ 25,000.00  |
| San Anselmo           | \$ 64,621.80  |
| San Carlos            | \$ 147,058.56 |
| San Fernando          | \$ 132,666.26 |
| San Joaquin           | \$ 25,000.00  |
| San Juan Bautista     | \$ 25,000.00  |
| San Juan Capistrano   | \$ 189,030.66 |
| San Marino            | \$ 71,903.13  |
| San Pablo             | \$ 169,885.76 |
| Sand City             | \$ 25,000.00  |
| Sanger                | \$ 145,895.04 |
| Santa Fe Springs      | \$ 95,063.19  |
| Santa Paula           | \$ 157,767.83 |
| Saratoga              | \$ 169,477.62 |
| Sausalito             | \$ 38,669.40  |
| Scotts Valley         | \$ 61,709.27  |
| Seal Beach            | \$ 131,826.24 |
| Seaside               | \$ 185,292.97 |
| Sebastapol            | \$ 41,236.84  |
| Selma                 | \$ 131,333.76 |

| <b>CITY</b>      | <b>Allocation</b> |
|------------------|-------------------|
| Shafter          | \$ 88,972.79      |
| Shasta Lake      | \$ 58,635.82      |
| Sierra Madre     | \$ 60,568.18      |
| Signal Hill      | \$ 60,852.25      |
| SLTahoe          | \$ 130,310.05     |
| Solana Beach     | \$ 70,364.91      |
| Soledad          | \$ 154,425.52     |
| Solvang          | \$ 27,893.96      |
| Sonoma           | \$ 54,345.13      |
| Sonora           | \$ 25,794.78      |
| South El Monte   | \$ 120,000.08     |
| South Pasadena   | \$ 136,877.18     |
| St Helena        | \$ 31,682.56      |
| Suisun City      | \$ 150,249.44     |
| Susanville       | \$ 99,684.09      |
| Sutter Creek     | \$ 25,000.00      |
| Taft             | \$ 52,045.13      |
| Tehachapi        | \$ 69,261.60      |
| Tehama           | \$ 25,000.00      |
| Tiburon          | \$ 46,882.80      |
| Trinidad         | \$ 25,000.00      |
| Truckee          | \$ 89,353.94      |
| Tulelake         | \$ 25,000.00      |
| Twentynine Palms | \$ 176,364.00     |
| Ukiah            | \$ 82,740.15      |
| Vernon           | \$ 25,000.00      |
| Villa Park       | \$ 32,585.28      |
| Walnut           | \$ 172,263.39     |
| Wasco            | \$ 138,781.27     |
| Waterford        | \$ 51,933.64      |
| Weed             | \$ 25,000.00      |
| Westlake Village | \$ 47,350.57      |
| Westmorland      | \$ 25,000.00      |
| Wheatland        | \$ 25,000.00      |
| Wildomar         | \$ 105,357.50     |
| Williams         | \$ 28,329.84      |
| Willits          | \$ 27,156.17      |
| Willows          | \$ 36,350.42      |
| Windsor          | \$ 139,414.02     |
| Winters          | \$ 38,829.45      |
| Woodlake         | \$ 41,532.87      |
| Woodside         | \$ 30,072.74      |
| Yountville       | \$ 25,000.00      |
| Yreka            | \$ 41,883.60      |
| Yucca Valley     | \$ 115,548.24     |

| <b>COUNTIES</b> | <b>Allocation</b> |
|-----------------|-------------------|
| Alameda         | \$ 784,395.25     |
| Alpine          | \$ 50,000.00      |
| Amador          | \$ 123,564.00     |
| Butte           | \$ 478,244.97     |
| Calaveras       | \$ 241,805.79     |
| Colusa          | \$ 63,933.24      |
| Del Norte       | \$ 122,156.32     |
| El Dorado       | \$ 812,422.45     |
| Glenn           | \$ 88,665.20      |
| Humboldt        | \$ 397,762.40     |
| Imperial        | \$ 243,505.88     |
| Inyo            | \$ 79,940.48      |
| Kings           | \$ 203,567.92     |
| Lake            | \$ 258,977.10     |
| Lassen          | \$ 102,029.07     |
| Madera          | \$ 429,385.92     |
| Marin           | \$ 376,952.40     |
| Mariposa        | \$ 102,061.27     |
| Mendocino       | \$ 341,254.95     |
| Merced          | \$ 511,565.88     |
| Modoc           | \$ 50,000.00      |
| Mono            | \$ 50,000.00      |
| Napa            | \$ 156,759.04     |
| Nevada          | \$ 373,290.26     |
| Placer          | \$ 606,539.58     |
| Plumas          | \$ 108,573.83     |
| San Benito      | \$ 107,873.48     |
| San Joaquin     | \$ 836,780.18     |
| Santa Barbara   | \$ 772,634.56     |
| Santa Clara     | \$ 554,091.98     |
| Santa Cruz      | \$ 746,433.87     |
| Shasta          | \$ 408,663.56     |
| Sierra          | \$ 50,000.00      |
| Siskiyou        | \$ 144,375.30     |
| Solano          | \$ 112,318.40     |
| Stanislaus      | \$ 671,248.71     |
| Sutter          | \$ 141,605.90     |
| Tehama          | \$ 232,925.84     |
| Trinity         | \$ 81,910.59      |
| Tulare          | \$ 826,270.13     |
| Tuolumne        | \$ 292,286.61     |
| Ventura         | \$ 530,662.59     |
| Yolo            | \$ 129,237.08     |
| Yuba            | \$ 328,908.50     |

## **Attachment B**

### **Direct Energy Efficiency Equipment List**

#### Lighting:

1. Fluorescent Lamps: All T8 linear lamps except for 25-watt lamps, and all T8 u-shape fluorescent lamp. Minimum operation of 2,000 hours/ year.
2. Instant Start Electronic Ballast: 0.9 Power Factor or higher and 0.77 ballast factor minimum.
3. LED traffic signal and LED pedestrian signal modules.
4. LED or Induction lamps for street lighting application, parking lot/ garage application and exterior applications.
5. LED exit signs
6. Lighting occupancy sensors for intermittently occupied spaces.
7. Exterior lighting controls such as time clock and/ or photocell.
8. Probe Start HID ballasts with Pulse Start HID ballasts.

#### Electrical:

1. NEMA approved Premium efficiency motors (Minimum of 4,380 hours of operations annually or 12 hours /day).

#### Mechanical:

1. High Efficiency HVAC system replacement for 24 hour operation facilities such as police department or jails. High Efficiency is SEER 14 Minimum.
2. Condensing boiler or furnace for 24 hour operation facilities.

#### Miscellaneous Controls:

1. Vending Machines controllers
2. Programmable thermostats
3. Variable Frequency Drives (VFD) for aeration motor.