



CALIFORNIA ENERGY COMMISSION

# Pre-Application Workshop

**Reduce the Environmental and Public Health  
Impacts of Electricity Generation and Make the  
Electricity System Less Vulnerable to Climate  
Impacts: Phase I**

PON-14-309

California Energy Commission  
December 2, 2014



# Agenda

Time	Topic
10:00 am	Welcome and Introductions <ul style="list-style-type: none"><li>• Housekeeping</li><li>• Solicitation Purpose, Goals, Background, Policy Drivers</li><li>• Eligible Applicants</li><li>• Key Dates</li></ul>
10:10 am	Research Project Groups
10:30 am	Application Requirements <ul style="list-style-type: none"><li>• Formatting and Attachments</li><li>• Evaluation Process</li><li>• Grounds for Rejection</li></ul>
10:45 am	Questions and Answers



# Housekeeping

- In case of emergency
- Facilities
- Sign-In Sheet
- Updates on Solicitation Documents and today's presentation can be found at:

<http://www.energy.ca.gov/contracts/epic.html#PON-14-309>



## Purpose

- Fund applied research and development projects that reduce the environmental impacts of electricity generation and make the electricity system less vulnerable to climate impacts through the following funding initiatives:
  - 1) Research on Sensitive Species and Habitats to Inform Renewable Energy Planning and Deployment
  - 2) Develop Analytical Tools and Technologies to Reduce Energy-Related Stresses on Aquatic Resources and Improve Water-Energy Management
  - 3) Develop Analytical Tools and Technologies to Plan for and Minimize the Impacts of Climate Change on the Electricity System
- Funded projects must benefit California IOU electric ratepayers.



## Goals

- Support research that gathers **scientifically based information** and develops tools that are needed by decision makers to **balance environmental protection with energy development**, leads to **technological advancement** and breakthroughs to overcome barriers to **achieving the State's energy goals**, and **enhances the reliability** of the electric system.
- Address funding initiatives on **habitat and species protection**, **water resources** associated with the existing electricity generation systems, including fossil fuel and renewable energy sources, and **environmental issues** associated with emerging renewable energy technologies, the interaction of **climate change** with the electricity system, and the electricity system's future evolution.



# Background

- The Electric Program Investment Charge (EPIC) is funded by an electricity ratepayer surcharge established by the California Public Utilities Commission (CPUC) in 2011.
- The purpose of EPIC is to benefit the ratepayers of three electric investor-owned utilities.\*
- EPIC funds clean energy technology projects that promote greater electricity reliability, lower costs, and increased safety.
- Funded projects must lead to technological advancement and breakthroughs to overcome the barriers that prevent the achievement of the state's statutory energy goals.
- Annual program funds total \$162 million per year with 80% administered by the California Energy Commission.

\* Pacific Gas and Electric Co., San Diego Gas and Electric Co., and Southern California Edison



# Policy Drivers for Environmental-Energy RD&D

- Laws and Regulations:
  - AB 32 (Global Warming Solutions Act)
  - SB X1-2 (Renewable Portfolio Standard)
- Policies/Plans
  - Governor Brown's Clean Energy Jobs Plan
  - *Integrated Energy Policy Report*



## Eligible Applicants

- This is an open solicitation for public and private entities.
- Applicants must accept the EPIC terms and conditions.
- Business applicants are required to register with the California Secretary of State and be in good standing in order to enter into an agreement with the Energy Commission: <http://www.sos.ca.gov>.
- Applicants must propose a team that has demonstrated the ability to successfully complete similar research or demonstration projects.



# Key Dates

Activity	Action Date
✓ Solicitation Release	November 19, 2014
Pre-Application Workshop	December 2, 2014
<b><u>DEADLINE FOR WRITTEN QUESTIONS</u></b>	<b><u>December 4, 2014 by 5:00 p.m.</u></b>
Post Questions and Answers to Website	December 8, 2014
<b><u>DEADLINE TO SUBMIT APPLICATIONS</u></b>	<b><u>January 16, 2015 by 3:00 p.m.</u></b>
Post Notice of Proposed Award (NOPA)	March 6, 2015
Anticipated Energy Commission Business Meeting Date	May 13, 2015
Anticipated Agreement Start Date	July 1, 2015
Agreement Termination Date	March 31, 2019



# Research Topic Areas

- Up to \$7.4 million available in the following areas (continued next slides):

Funding Initiative	Research Topic Area	Available Funding	Maximum Funding per Project
S5.2 Research on Sensitive Species and Habitats to Inform Renewable Energy Planning and Deployment	Emerging Technologies to Avoid Fatal Interactions of Birds and Bats with Energy Facilities	\$1,800,000	\$900,000
	Renewable Energy Impacts: Learning from Real-World Experience	\$1,000,000	\$1,000,000



# Research Topic Areas (continued)

Funding Initiative	Research Topic Area	Available Funding	Maximum Funding per Project
<p>S5.3 Develop Analytical Tools and Technologies to Reduce Energy Stresses on Aquatic Resources Water and Improve Water-Energy Management</p>	<p>Improved Hydrological Forecasting for Hydropower Generation:                      -Understanding Meteorological Processes                      -Snowpack Data Collection</p>	<p>\$1,500,000</p>	<p>\$400,000 (for understanding meteorological processes)                       \$1,100,000 (for snowpack data collection)</p>
	<p>Water Conserving Hybrid Power Plant Cooling: Phase I</p>	<p>\$1,500,000</p>	<p>\$750,000</p>



# Research Topic Areas (continued)

Funding Initiative	Research Topic Area	Available Funding	Maximum Funding per Project
S5.4 Develop Analytical Tools and Technologies to Plan for and Minimize the Impacts of Climate Change on the Electricity System	Long-Term Energy Scenarios for California and Their Environmental Consequences	\$700,000	\$700,000
	Probabilistic Seasonal and Decadal Forecasts for the Electricity System	\$400,000	\$200,000
	Real-World Characterization of the Urban Heat Island Effect: Scoping Study	\$500,000	\$500,000



## Research Topic Area

- Each research topic area within a funding initiative will be evaluated and scored separately.
- Each Application must address only one research topic area within a funding initiative.
- Applicants may submit more than one Application as long as each is for a distinct scope of work, with no duplication.



## **Funding Initiative S5.2: Research on Sensitive Species and Habitats to Inform Renewable Energy Planning and Deployment**

### **Research Topic Area: Emerging Technologies to Avoid Fatal Interactions of Birds and Bats with Energy Facilities**

- Develop and test pilot-stage systems designed to reduce fatalities of birds and bats at wind or solar energy facilities.
- Compare performance of the system to conventional practice in terms of costs and effectiveness at reducing fatalities.
- Mitigate impacts through deterrence and/or curtailment.
- May be able to apply funds as match for DOE federal funding opportunities.



## Funding Initiative S5.2: Research on Sensitive Species and Habitats to Inform Renewable Energy Planning and Deployment

### Research Topic Area: Renewable Energy Impacts – Learning from Real-World Experience

- Develop information or tools to support adaptive management in California where extensive renewable energy development is occurring or imminent.
- Analyze observed fatalities or habitat loss from construction and operation of renewable energy facilities.\*
- Compare predicted impacts in a large set of assessment reports with the actual impacts observed post-construction.
- Compare predicted benefits of mitigation actions with the actual observed benefits.

\* Applicant should demonstrate ability to acquire requisite data.



## **Funding Initiative S5.3: Develop Analytical Tools and Technologies to Reduce Energy Stresses on Aquatic Resources Water and Improve Water-Energy Management**

### **Research Topic Area: Improved Hydrological Forecasting for Hydropower Generation**

- Understand Meteorological Processes
  - Improvements to our understanding of meteorological processes e.g. aerosols' effect on clouds) influencing precipitation, especially snowfall in the Sierra Nevada of California, to improve forecasting for hydropower operations.



## **Funding Initiative S5.3: Develop Analytical Tools and Technologies to Reduce Energy Stresses on Aquatic Resources Water and Improve Water-Energy Management**

### **Research Topic Area: Improved Hydrological Forecasting for Hydropower Generation (cont'd)**

- Collect Snowpack Data
  - Improvements in data collection (remote sensing and high elevation data and data transmission) and assimilation for important variables (such as snowpack characteristics and soil moisture levels) in making short term to seasonal forecasts for hydropower operations.



## **Funding Initiative S5.3: Develop Analytical Tools and Technologies to Reduce Energy Stresses on Aquatic Resources Water and Improve Water-Energy Management**

### **Research Topic Area: Water Conserving Hybrid Power Plant Cooling – Phase I**

- Facilitate the greater use of water conserving power plant cooling technologies in the electricity generating sector in California.
- Develop and pilot test new tools, technologies and approaches to improve the efficiency and reduce the cost of water conserving hybrid power plant cooling systems.
- Proposals can include non-hybrid dry cooling technologies.



## **Funding Initiative S5.4: Develop Analytical Tools and Technologies to Plan for and Minimize the Impacts of Climate Change on the Electricity System**

### **Research Topic Area: Long-Term Energy Scenarios for California and Their Environmental Consequences**

- Develop long-term scenarios and modeling capabilities for the electricity sector as well as interactions and trade-offs with other components of the energy system in the WECC region.
- Explore the implications of particular policy choices on future costs and system build-out.



## Funding Initiative S5.4: Develop Analytical Tools and Technologies to Plan for and Minimize the Impacts of Climate Change on the Electricity System

### Research Topic Area: Long-Term Energy Scenarios for California and Their Environmental Consequences

- Additional references include:
  - *Scenarios for Meeting California's 2050 Climate Goals*. California Energy Commission. Publication number: CEC-500-2014-108.
    - <http://www.energy.ca.gov/2014publications/CEC-500-2014-108/CEC-500-2014-108.pdf>
  - *Scenarios for Deep Carbon Emission Reductions from Electricity by 2050 in Western North America Using the SWITCH Electric Power Sector Planning Model*. California Energy Commission. Publication number: CEC-500-2014-109.
    - <http://www.energy.ca.gov/2014publications/CEC-500-2014-109/CEC-500-2014-109.pdf>



## **Funding Initiative S5.4: Develop Analytical Tools and Technologies to Plan for and Minimize the Impacts of Climate Change on the Electricity System**

### **Research Topic Area: Probabilistic Seasonal and Decadal Forecasts for the Electricity System**

- Develop, enhance, and test new methods to produce probabilistic climate forecasts for the electricity system.
- Improve probabilistic forecasts to estimate effects on electricity demand and generating capacity.



## **Funding Initiative S5.4: Develop Analytical Tools and Technologies to Plan for and Minimize the Impacts of Climate Change on the Electricity System**

### **Research Topic Area: Real-World Characterization of the Urban Heat Island Effect – Scoping Study**

- Improve understanding of distribution of near-surface temperatures within urban heat islands in California.
- Identify and quantify the determinants of local temperatures.
- Enhance the foundation for location-specific assessments of possible mitigation strategies.
- List to ongoing work related to development of an urban heat island index, social vulnerability mapping.



# Application Requirements

- Submit Applications with all attachments in the order specified by the due date and time listed.
- Application documents should meet formatting requirements, page limits, and number of copies specified on page 23.
  - **Six** hard copies and **one** electronic copy
- Evaluation Consists of Two Parts
  - Part 1 – Application Screening (page 31)
  - Part 2 – Application Scoring (page 33)



# Application Requirements (continued)

Every Applicant must complete and include the following:

- |                      |                                |
|----------------------|--------------------------------|
| 1. Application Form  | 7. Budget                      |
| 2. Executive Summary | 8. CEQA Compliance Form        |
| 3. Fact Sheet        | 9. References and Work Product |
| 4. Project Narrative | 10. Contact List               |
| 5. Project Team      | 11. Commitment Letters         |
| 6. Scope of Work     |                                |



# Application Form (Attachment 1)

- Form provides the Energy Commission with basic information about the Applicant and project.
- Must include all information requested.
- Must be signed by an authorized representative of the Applicant's organization.
- Information provided should be consistent with project budget, narrative, and letters of commitment.



# Executive Summary Form (Attachment 2)

- Executive Summary should summarize the information included in the project narrative.
- Must include:
  - A project description
  - The project goals and objectives to be achieved
  - An explanation of how the goals and objectives will be achieved, quantified, and measured
  - A description of the project tasks and overall management of the agreement
- Limited to **two** pages.



## Fact Sheet Template (Attachment 3)

- Must present project information in a manner suitable for publication (if funded).
- The fact sheet must follow the template provided, including:
  - A summary of project specifics
  - A description of the issue addressed by the project
  - A project description
  - Anticipated benefits for the State of California
- Limited to **two** pages.



## Project Narrative (Attachment 4)

- Project Narrative form follows the Application Scoring Criteria (page 33)
- Include a detailed description of the proposed project(s) and respond to the information requested in each of the following areas:
  1. Technical Merit and Need
  2. Technical Approach
  3. Impacts and Benefits for California IOU Ratepayers
  4. Team Qualifications, Capabilities and Resources
  5. Budget and Cost Effectiveness
  6. Funds Spent in California
  7. Ratio of Unloaded Labor Rates to Loaded Labor Rates
  8. Match Funding (optional)
- Provide sufficient detail so that reviewers will be able to evaluate the proposal against each of the scoring criteria.
- Limited to **20** pages.



# Project Team Form (Attachment 5)

- Must identify all key personnel assigned to the project.
  - “Key personnel” are individuals that are critical to the project due to experience, knowledge, and/or capabilities.
- Clearly describe their individual areas of responsibility.
- Include a resume for each individual.
  - Limited to **two** pages for each resume.



## Scope of Work (Attachment 6)

- Ensure that the problem/Solution Statement and Goals and Objectives are consistent with the Project Narrative.
- All tasks in black are mandatory and cannot be revised:
  - Task 1: General Project Tasks
  - Task [TBD-1]: Evaluation of Project Benefits
  - Task [TBD-2]: Technology/Knowledge Transfer Activities
  - Task [TBD-3]: Production Readiness Plan (only applicable to agreements that fund the development of products that may be commercialized)
- Task 2 are the technical tasks:
  - Indicate specific tasks in the “Recipient Shall” section (these should be major items).
  - “Products” are documents, plans and reports (tangible items that can be submitted to the CAM).
  - “Products” are not equipment and other items that cannot be delivered and stored at the Energy Commission.



## Budget (Attachment 7)

**Every Applicant must complete and include the budget forms for its team:**

- ✓ Task Summary – Att B-1
- ✓ Category Summary – Att B-2
- ✓ Prime Labor Rates – Att B-3
- ✓ Labor Rates for each Subcontractor – Att B-3a-z
- ✓ Prime Non-Labor Rates – Att B-4
- ✓ Non-Labor Rates for each Subcontractor – Att B-4 a-z
- ✓ Direct Operating Expenses – Att B-5
- ✓ Match Funding – Att B-6
- ✓ Rates Summary – Att B-7 (for evaluation purposes)

Don't delete sheets or rows; use the hide/expand function.

The Applicant must submit information on **all** of the attached budget forms, and in the format required.



# California Environmental Quality Act (CEQA) Compliance Form (Attachment 8)

- The information provided will help facilitate Energy Commission's environmental evaluation of the proposed project under CEQA.
- All sections of the form must be completed.
- Failure to complete CEQA process in a timely manner may result in cancellation of the award.



# Reference and Work Product Form (Attachment 9)

- This form contains two sections:
- Section 1: References
  - Provide applicant and subcontractor references as instructed.
  - Include three reference for Applicant and two for each subcontractor.
- Section 2: Work Products
  - Provide a list of up to three past projects detailing technical and business experience of the applicant or team member (two pages maximum per project).
  - Include copies of up to three recent relevant technical publications.



# Contact List Template (Attachment 10)

- Identifies the names and contact information of the project manager, administrator, and accounting officer.
- Applicant should complete the information in the “Recipient” column shown in blue text.
- Energy Commission staff will complete the information in the “California Energy Commission” column.



# Commitment and Support Letter Form (Attachment 11)

- This form provides guidelines for the submission of letters of support or commitment that are submitted with the application.
  - Commitment letter commits an entity to providing the service or funding described.
  - Support letter details an entity or individual's support for the project.
- All Applicants are required to submit at least one support letter from a project stakeholder for the research topic area "Real-world Characterization of the Urban Heat Island Effect: Scoping Study"
- If the project involves a pilot test, a commitment letter must be included from the host site.
- Any project partners that will make other contributions to the project must submit a commitment letter.
- Any match funding provided must be supported by a match fund commitment letter.
- Limited to **two pages** per letter, excluding the cover page.



# How will my Proposal be Evaluated?

## → Application Screening

### Application Screening Process (page 31)

1. Energy Commission staff screens applications per criteria in the solicitation (page 31).
2. Criteria is evaluated on a pass/fail basis.
  - ✓ Applicants must pass all screening criteria or the applicant will be disqualified.
  - ✓ Applicants must review the Evaluation and Award Process section of the solicitation and ensure that the Project Narrative provides a clear and complete response to each screening criteria.

### Some Reasons for Failing Screening

- ✓ Application not submitted by the specified due date and time.
- ✓ Applicant did not address one of the eligible research topic areas.
- ✓ Requested funding is outside of the specified minimum/maximum range.
- ✓ Project completion date beyond the specified agreement end date.
- ✓ Application contains confidential material.
- ✓ Application does not include one or more support letters, as described in Attachment 11.



# What is the technical scoring scale?

% of Possible Points	Interpretation	Explanation for Percentage Points
0%	Not Responsive	<ul style="list-style-type: none"> <li>The response does not include or fails to address the criteria.</li> <li>The omission(s), flaw(s), or defect(s) are significant and unacceptable.</li> </ul>
10-30%	Minimally Responsive	<ul style="list-style-type: none"> <li>The response minimally addresses the criteria.</li> <li>The omission(s), flaw(s), or defect(s) are significant and unacceptable.</li> </ul>
40-60%	Inadequate	<ul style="list-style-type: none"> <li>The response addresses the criteria.</li> <li>There are one or more omissions, flaws, or defects or the criteria are addressed in a limited way that results in a low degree of confidence in the proposed solution.</li> </ul>
70%	Adequate	<ul style="list-style-type: none"> <li>The response adequately addresses the criteria.</li> <li>Any omission(s), flaw(s), or defect(s) are inconsequential and acceptable.</li> </ul>
80%	Good	<ul style="list-style-type: none"> <li>The response fully addresses the requirements being scored with a good degree of confidence in the applicant's response or proposed solution.</li> <li>There are no identified omission(s), flaw(s), or defect(s). Any identified weaknesses are minimal, inconsequential, and acceptable.</li> </ul>
90%	Excellent	<ul style="list-style-type: none"> <li>The response fully addresses the criteria with a high degree of confidence in the applicant's response or proposed solution.</li> <li>The applicant offers one or more enhancing features, methods, or approaches that exceed basic expectations.</li> </ul>
100%	Exceptional	<ul style="list-style-type: none"> <li>All requirements are addressed with the highest degree of confidence in the applicant's response or proposed solution.</li> <li>The response exceeds the requirements in providing multiple enhancing features, a creative approach, or an exceptional solution.</li> </ul>



# How will my application be evaluated?

- Evaluation Committee applies the scoring scale to the scoring criteria.
- A minimum passing score of 70% is required for criteria 1 to 4 – equivalent to a score of 49 in order for an Application to be considered for funding, and
- A total minimum passing score of 70 out of 100 points is needed for all criteria (1 to 7).
- Applicants must review the Evaluation and Award Process section of the solicitation and ensure that their application provides a clear and complete response to each scoring criteria in the project narrative.

Scoring Criteria (page 27-30)	Maximum Points
1. Technical Merit and Need	20
2. Technical Approach	20
3. Impacts and Benefits to California IOU Ratepayers	20
4. Team Qualifications, Capabilities, and Resources	10
5. Budget and Cost- Effectiveness	10
6. EPIC Funds Spent in California	15
7. Ratio of Direct Labor and Fringe Benefit Rates to Loaded Labor Rates	5
Total	100
<b>Minimum points to pass</b>	<b>70</b>



# Technical Merit and Need (Criterion 1)

- Provides a clear and concise description of the goals, objectives, technological or scientific knowledge advancement, and innovation in the proposed project.
- Explains how the proposed project will lead to technological advancement and breakthroughs that overcome barriers to achieving the state's statutory energy goals.
- Summarizes the current status of the relevant technology and/or scientific knowledge, and explains how the proposed project will advance, supplement, and/or replace current technology and/or scientific knowledge.
- Justifies the need for EPIC funding, including an explanation of why the proposed work is not adequately supported by competitive or regulated markets.
- Discusses the degree to which the proposed work is technically feasible and achievable.
- Provides a clear and plausible measurement and verification plan that describes how energy savings and other benefits specified in the application will be determined and measured.



## Technical Approach (Criterion 2)

- Describes the technique, approach, and methods to be used in performing the work described in the Scope of Work. Highlights any outstanding features.
- Describes how tasks will be executed and coordinated with various participants and team members.
- Identifies and discusses factors critical for success, in addition to risks, barriers, and limitations. Provides a plan to address them.
- Describes how the knowledge gained, experimental results, and lessons learned will be made available to the public and key decision-makers.



## Impacts and Benefits for California IOU Ratepayers (Criterion 3)

- Explains how the proposed project will benefit California Investor-Owned Utility (IOU) ratepayers with respect to the EPIC goals of greater reliability, lower costs, and/or increased safety).
- Provides clear, plausible, and justifiable **quantitative** estimates of potential benefits for California IOU electricity ratepayers, including the following (*as applicable*): annual electricity and thermal savings (kilowatt-hour and therms), peak load reduction and/or shifting, energy cost reductions, greenhouse gas emission reductions, air emission reductions (e.g., NO<sub>x</sub>), and water use and/or cost reductions.
- States the timeframe, assumptions, and calculations for the estimated benefits, and explains their reasonableness.
- Discusses any **qualitative** or intangible benefits to California IOU electricity ratepayers, including timeframe and assumptions.



## Team Qualifications, Capabilities, and Resources (Criterion 4)

- Describes the organizational structure of the applicant and the project team. Includes an organizational chart that illustrates the structure.
- Identifies key team members, including the project manager and principal investigator (*include this information in Attachment 5, Project Team Form and Attachment 10, Contact List*).
- Summarizes the qualifications, experience, capabilities, and credentials of the key team members (*include this information in Attachment 5, Project Team Form*).
- Explains how the various tasks will be managed and coordinated, and how the project manager's technical expertise will support the effective management and coordination of all projects in the application.
- Describes the facilities, infrastructure, and resources available to the team.
- Describes the team's history of successfully completing projects (e.g., RD&D projects) and commercializing and/or deploying results/products.
- Identifies past projects that resulted in a market-ready technology (*include this information in Attachment 9, Reference and Work Product Form*).
- References are current, meaning within the past three years (*include this information in Attachment 9, Reference and Work Product Form*).



## Team Qualifications, Capabilities, and Resources (Criterion 4) (cont'd)

- Identifies any collaborations with utilities, industries, or others. Explains the nature of the collaboration and what each collaborator will contribute.
- Demonstrates that the applicant has the financial ability to complete the project, as indicated by the responses to the following questions:
  - Has your organization been involved in a lawsuit or government investigation within the past ten years?
  - Does your organization have overdue taxes?
  - Has your organization ever filed for or does it plan to file for bankruptcy?
  - Has any party that entered into an agreement with your organization terminated it, and if so for what reason?
  - For Energy Commission agreements listed in the application that were executed (i.e., approved at a Commission business meeting and signed by both parties) within the past five years, has your organization ever failed to provide a final report by the date indicated in the agreement?
- Support or commitment letters (for match funding, test sites, or project partners) indicate a strong level of support or commitment for the project.



## Budget and Cost-Effectiveness (Criterion 5)

- Justifies the reasonableness of the requested funds relative to the project goals, objectives, and tasks.
- Justifies the reasonableness of costs for direct labor, non-labor (e.g., indirect overhead, general and administrative costs, and subcontractor profit), and operating expenses by task.
- Explains why the hours proposed for personnel and subcontractors are reasonable to accomplish the activities in the Scope of Work (Attachment 6).
- Explains how the applicant will maximize funds for technical tasks and minimize expenditure of funds for program administration and overhead.



## EPIC Funds Spent in California (Criterion 6)

- Projects that spend EPIC funds in California will receive points as indicated in the table below. “Spent in California” means that: (1) Funds under the “Direct Labor” category and all categories calculated based on direct labor in the B-4 budget attachments (Prime and Subcontractor Labor Rates) are paid to individuals who pay California state income taxes on wages received for work performed under the agreement; and (2) Business transactions (e.g., material and equipment purchases, leases, rentals, and contractual work) are entered into with a business located in California.

Percentage of EPIC funds spent in CA (derived from budget attachment B-2)	Percentage of Possible Points
>60%	20%
>70%	40%
>80%	60%
>90%	80%
>100%	100%

- Airline ticket purchases and payments made to out-of-state workers are not considered funds “spent in California.” However, funds spent by out-of-state workers in California (e.g., hotel and food) are considered funds “spent in California.”



## Ratio of Direct Labor and Fringe Benefit Rates to Loaded Labor Rates (Criterion 7)

- The score for this criterion will derive from the Rates Summary worksheet (Tab B-7) in the budget forms, which compares the weighted direct labor and fringe benefits rate to the weighted loaded rate. This ratio, as a percentage, is multiplied by the possible points for this criterion.



## Project Match Funds (Criterion 8)

- Match funding is not required.
- Applications with match funds will receive additional points during the scoring phase (up to 5 points).
- Points applied only for those that achieve a minimum score of 70.
- Match funding includes cash in hand, equipment, materials, information technology services, travel, subcontractor costs, contractor in-kind labor, advanced practice costs.
  - Refer to Section 1, item D-2 of the Application manual, pages 5-6.
  - Advanced practice costs means the incremental cost difference between standard and advanced practices.
- Match funding sources may include those from the prime Applicant, subcontractors, and pilot test sites (e.g., test site staff services).
- Commitment letters are required from all match fund contributors (see requirements in Attachment 11).



## Grounds for Rejection

- An application may be rejected by the Energy Commission for the following reasons:
  - ✓ Application contains false or misleading statements.
  - ✓ Application is intended to mislead the State in its evaluation.
  - ✓ The application does not comply with the solicitation requirements.
  - ✓ The application contains confidential information.
  - ✓ Applicant is not in compliance with royalty provisions from previous Energy Commission awards.
  - ✓ Applicant has received unsatisfactory evaluations from the Energy Commission or another California state agency.
  - ✓ Applicant has not demonstrated financial capability to complete the project.
  - ✓ Applicant is a business that is not in good standing with the California Secretary of State.
  - ✓ The application is not submitted in the format specified.



# Key Dates

Activity	Action Date
✓ Solicitation Release	November 19, 2014
Pre-Application Workshop	December 2, 2014
<b><u>DEADLINE FOR WRITTEN QUESTIONS</u></b>	<b><u>December 4, 2014 by 5:00 p.m.</u></b>
Post Questions and Answers to Website	December 8, 2014
<b><u>DEADLINE TO SUBMIT APPLICATIONS</u></b>	<b><u>January 16, 2015 by 3:00 p.m.</u></b>
Post Notice of Proposed Award (NOPA)	March 6, 2015
Anticipated Energy Commission Business Meeting Date	May 13, 2015
Anticipated Agreement Start Date	July 1, 2015
Agreement Termination Date	March 31, 2019



## Other Information

- **Updates on Solicitation Documents and today's presentation:**  
[www.energy.ca.gov/contracts/epic.html#PON-13-309](http://www.energy.ca.gov/contracts/epic.html#PON-13-309)
- **Sign up for the Listserver by selecting "Opportunity:"**  
[www.energy.ca.gov/listservers/](http://www.energy.ca.gov/listservers/)
- **Information on EPIC:**  
[www.energy.ca.gov/research/epic/index.html](http://www.energy.ca.gov/research/epic/index.html)
- **Information on other EPIC solicitations:**  
[www.energy.ca.gov/contracts/epic.html](http://www.energy.ca.gov/contracts/epic.html)



# Questions and Answers

- Please send all PON related questions in written form to:

Janna Franks  
Commission Agreement Officer  
[janna.franks@energy.ca.gov](mailto:janna.franks@energy.ca.gov)

**Deadline to submit questions is  
5:00 PM PDT, December 4, 2014!**