



CALIFORNIA ENERGY COMMISSION

Pre-Application Workshop

**Electric Program Investment Charge (EPIC)
Applied Research and Development
Grant Solicitation**

**Advancing Cleaner, Less Costly, More Reliable Distributed
Generation to Enable Customer Solutions and Zero-Net Energy
Communities**

PON-14-303

Energy Generation Research Office
Energy Research and Development Division
California Energy Commission
August 21 and August 26, 2014



Agenda

Sacramento – August 21, 2014

Diamond Bar – August 26, 2014

| Time | Topic |
|----------|---|
| 10:00 am | Welcome <ul style="list-style-type: none">• Housekeeping• Background, Policy Drivers, Solicitation Purpose, Goals• Eligible Applicants• Key Dates, Funding |
| 10:30 am | Research Project Groups |
| 10:45 am | Application Requirements: <ul style="list-style-type: none">• Formatting and Attachments• Evaluation Process• Grounds for Rejection |
| 11:30 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-14-303>



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 Energy Generation RD&D

- Laws and Regulations:
 - Assembly Bill 32 (Global Warming Solutions Act)
 - Senate Bill X1-2 (Renewable Portfolio Standard)
 - Senate Bill 96
- Policies/Plans
 - Governor Brown's Clean Energy Jobs Plan
 - Bioenergy Action Plans
 - Integrated Energy Policy Report
 - California Solar Initiative



Solicitation Purpose

- Fund applied research and development projects to increase the technical performance and value of distributed biopower and photovoltaic technologies.
- Awards will support development of lab-scale research and pilot-scale demonstrations of pre-commercial technologies and strategies that are designed to solve specific problems in the electricity sector.
- This solicitation focuses on biopower and biogas electricity generation demonstration and deployment activities that address the RD&D priority issues identified by stakeholders.
- Funded projects must benefit California IOU electric ratepayers and be located in California electric IOU service territories.



Project Group Goals

- **Group 1 - Develop Modular Bioenergy Systems for Forest/Urban Interface Areas:** Develop advanced and modular low-emission technologies and systems for woody biomass management and conversion to reduce the risk and severity of catastrophic wildfires.
- **Group 2 - Develop Waste-to-Energy Bioenergy Systems:** Develop technologies and strategies to utilize organic fraction of municipal wastes, agricultural residues, and food processing wastes to provide clean, reliable electricity generation while providing additional benefits.



Project Group Goals - Continued

- **Group 3- Evaluate Advanced Inverter Functionality and Interoperability to Enable High-Penetration Distributed Photovoltaics:** Demonstrate and evaluate smart inverter technologies to provide a range of autonomous grid functions, reduce PV integration costs, and enable higher penetrations of PV at the distribution level.
- **Group 4 – Develop Advanced Distributed PV Systems:** Development and demonstration of advanced, efficient, and cost effective solar PV technologies to enable additional value for distributed photovoltaic systems, increase ease of system installation and operation, and increase interoperability with other localized energy resources and the grid.



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 are expected to propose a team that has demonstrated the ability to successfully complete similar research or demonstration projects.



Key Dates

| Activity | Action Date |
|---|---|
| ✓ Solicitation Release | August 8, 2014 |
| Pre-Application Workshop #1 - Sacramento | August 21, 2014 |
| Pre-Application Workshop #2 – Diamond Bar | August 26, 2014 |
| <u>DEADLINE FOR WRITTEN QUESTIONS</u> | <u>August 27, 2014 by 5:00 p.m.</u> |
| Post Questions and Answers to Website | September 17, 2014 |
| <u>DEADLINE TO SUBMIT APPLICATIONS</u> | <u>October 20, 2014 by 3:00 p.m.</u> |
| Anticipated Notice of Proposed Award (NOPA) Date | December 15, 2014 |
| Anticipated Energy Commission Business Meeting Date | February, 2015 |
| Anticipated Agreement Start Date | March 2015 |
| Agreement Termination Date | March 2019 |



Project Group Funding

- Up to \$19.5 million available in the following groups
- Funding amounts may be modified or moved among the groups

| Project Group | Available Funding | Minimum project award amount | Maximum project award amount |
|--|--------------------------|-------------------------------------|-------------------------------------|
| Group 1: Develop Modular Bioenergy Facilities in Forest/Urban Interface Areas | \$6,000,000 | \$500,000 | \$2,000,000 |
| Group 2: Develop Waste-to-Energy Bioenergy Systems | \$4,500,000 | \$500,000 | \$1,500,000 |
| Group 3: Evaluate Advanced Inverter Functionality and Interoperability to Enable High-Penetration Distributed PV | \$4,000,000 | \$500,000 | \$2,000,000 |
| Group 4: Develop Advanced Distributed Photovoltaic Systems | \$5,000,000 | \$500,000 | \$1,000,000 |



Project Groups

- Each group will be evaluated and scored separately
- Each Application must address only one project group
- Applicants may submit more than one Application as long as each application is for a distinct scope of work, with no duplication



Group 1: Develop Modular Bioenergy Facilities in Forest/Urban Interface Areas (\$500,000 - \$2,000,000 per award)

This project group is focused on developing technologies and strategies for the sustainable collection, transportation and treatment of, and power generation from, forest residue and thinnings, and reduce catastrophic forest fire risk.

Funding in this Group will:

- Develop and improve technical, economic and environmental performance of forest biopower systems by utilizing forestry waste to generate electricity.
- Develop advanced and modular low-emission technologies and systems for woody biomass conversion systems that can be economically transported and/or replicated at different forest locations throughout California.
- Pilot-scale demonstration of biopower technologies that meet future emission standards and regulations, such as ARB Distributed generation standards.



Group 2: Develop Waste-to-Energy Bioenergy Systems (\$500,000-\$1,500,000 per award)

This project group is focused on developing technologies and strategies to utilize municipal wastes, agricultural residues, and food processing wastes to provide clean, reliable electricity generation while providing additional benefits. Projects in this project group will:

- Expand efficient and sustainable use of California's various organic waste streams to generate electricity and useful thermal energy.
- Increase efficiency, reduce costs, and improve environmental performance for biopower systems utilizing California's organic waste streams to generate electricity (and useful thermal energy) to achieve cost parity with fossil-fuel power by 2020.
- Facilitate storage and energy conversion to reduce handling and transportation costs.
- Improve the economics of waste-to-energy systems in California, while helping to achieve California's energy policy goals and providing additional benefits to electricity IOU ratepayers.



Group 3: Evaluate Advanced Inverter Functionality and Interoperability to Enable High-Penetration Distributed PV (\$500,000 - \$2,000,000 per award)

This project group will develop, demonstrate and evaluate smart inverter technologies at the lab and pilot scales to reduce PV integration costs and enable higher penetrations of PV at the distribution level. This project group will fund RD&D to support the Phase I Automated Functions recommendations of the Smart Inverter Working Group assembled by the CPUC. Projects in this group will be funded for:

- PV inverter technologies that can autonomously monitor local grid conditions and respond accordingly to enable higher penetrations of PV at the distribution level.
- Advanced inverter technologies and smart grid components to increase interoperability with other co-located DER including energy storage, electric vehicle chargers, and other smart grid resources.
- Support PV systems to communicate with Local Area Networks and grid to provide real-time system performance information to customers and utilities.



Group 3: Evaluate Advanced Inverter Functionality and Interoperability to Enable High-Penetration Distributed PV (\$500,000 - \$2,000,000 per award) - Continued

Proposals in this project group will include two stages of research and development.

- Lab-scale analysis of multiple “smart inverter” technologies to evaluate performance for required function and compatibility with California’s IOU distribution feeder architectures.
- Demonstrate multiple most promising smart inverters on a California IOU distribution circuit.



Group 4: Develop Advanced Distributed Photovoltaic Systems (\$500,000 - \$1,000,000 per award)

This project group will develop and demonstrate, at the pilot scale, advanced, efficient, and cost effective solar PV technologies and strategies to reduce the cost of distributed PV, enable higher penetrations of PV at the distribution level, and provide additional value to PV customers and increase plug-and-play capabilities. Evaluation will include expected increase in system performance and affordability of the proposed design.

- Reducing the levelized cost of energy for distributed PV applications relative to existing technologies.
- Increasing the plug-and-play capabilities of PV systems for installation and deployment.
- Integration of PV systems into new residential and commercial buildings to advance California's Zero Net Energy goals and standardization .



Application Requirements

- Submit Applications with all attachments in the order specified by the due date and the listed time.
- Application documents should meet formatting requirements, page limits, and number of copies specified on page 16.
 - **Eight** hard copies and **one** electronic copy
- Evaluation Consists of Two Parts
 - Part 1 – Proposal Screening (Section E, page 25)
 - Part 2 – Proposal Scoring (Section F, pages 27)



Application Requirements (continued)

Every Applicant must complete and include the following:

| | |
|---|-------------------------------------|
| 1. Application Form | 7. Budget Forms |
| 2. Executive Summary | 8. CEQA Compliance Form |
| 3. Fact Sheet Template | 9. References and Work Product Form |
| 4. Project Narrative Form | 10. Contact List Template |
| 5. Project Team Form | 11. Commitment and Support Letters |
| 6. Scope of Work/Project Schedule Templates | 12. Cost-Benefit Calculations |



Application Form (Attachment 1)

- Form provides the Energy Commission with basic information about the Applicant and project.
- Must include all requested information
- 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:
 - Project description
 - Project goals and objectives
 - Explanation of how the goals and objectives will be achieved, quantified, and measured
 - Description of the project tasks
 - Overall management of the agreement.
- Limited to **two** pages



Fact Sheet Template (Attachment 3)

- Must present project information in a manner suitable for publication.
- The fact sheet must follow the template provided, including:
 - Issue addressed by the project
 - Project description
 - Anticipated benefits for California
 - Project specific information
- Limited to **two** pages



Project Narrative (Attachment 4)

- Project Narrative form follows the Application Scoring Criteria (page 22)
- 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 Direct Labor and Benefit 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 **twenty** 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
 - Limited to **one** page per individual
- Include a resume for each individual
 - Limited to **two** pages for each resume



Scope of Work (Attachment 6)

- Instructions for completing the Scope of Work and Examples are shown in blue.
- Ensure that the problem/Solution Statement and Goals and Objectives are consistent with the Project Narrative (Attachment 4)
- All tasks in black are mandatory; do not revise the titles
- Task 1: General Project Tasks
 - Meetings, reports, subcontracts, technical advisory committee
- Task 2 are the technical task
 - 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)
- The following tasks are mandatory and must be part of the proposal:
 - 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 – Not required for this PON



Project Schedule (Attachment 6a)

- Provide meeting and product titles and the due dates
- All of the products must match as shown in the Scope of Work (Attachment 6)



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 Major Subcontractor - Att B-3a-z
- ✓ Prime Non-Labor Rates - Att B-4
- ✓ Non-Labor Rates for Major Subcontractor - Att B-4 a-z
- ✓ Direct Operating Expenses – Att B-5
- ✓ Match Funding – Att B-6 (Optional)
- ✓ Rates Summary - Att B-7 (for evaluation purposes – info automatically transferred from Attachment B-2))

•Don't delete sheets or rows; use the hide/expand function
•The colored cells are automatically filled with information from other pages in the workbook

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
 - Include three references for the 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)
 - 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.
- 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



Cost-Benefit Calculations (Attachment 12)

- This attachment provides guidelines for calculating costs and benefits, which will be scored under scoring criterion 3 (Impacts and Benefits for California IOU Ratepayers), located in Part IV of the solicitation manual. While the guidelines are not mandatory, applicants should review them to understand expectations for the type of information to be provided regarding the costs and benefits of their proposed projects. Applicants must document all input assumptions and calculations in their proposals.
- Where uncertainties exist with respect to factors that affect performance goals (e.g., cost or productivity uncertainties), applicants may use hypothetical estimates and compare them to available data on the technology's past performance or the performance of competing technologies.



How will my Proposal be Evaluated? → Application Screening

Application Screening Process (page 21)

1. Energy Commission staff screens applications per criteria in the solicitation (page 25).
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 scoring criteria.

Some Reasons for Failing Screening

- ✓ Application not submitted by the specified due date and time
- ✓ Applicant addresses more than one of the eligible project groups
- ✓ Requested funding is outside of the specified minimum/maximum range
- ✓ Project completion date is 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"> The response does not include or fails to address the criteria. The omission(s), flaw(s), or defects() are significant and unacceptable. |
| 10-30% | Minimally Responsive | <ul style="list-style-type: none"> The response minimally addresses the criteria. The omission(s), flaw(s), or defect(s) are significant and unacceptable. |
| 40-60% | Inadequate | <ul style="list-style-type: none"> The response addresses the criteria. 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. |
| 70% | Adequate | <ul style="list-style-type: none"> The response adequately addresses the criteria. Any omission(s), flaw(s), or defect(s) are inconsequential and acceptable. |
| 80% | Good | <ul style="list-style-type: none"> The response fully addresses the requirements being scored with a good degree of confidence in the applicant's response or proposed solution. There are no identified omission(s), flaw(s), or defect(s). Any identified weaknesses are minimal, inconsequential, and acceptable. |
| 90% | Excellent | <ul style="list-style-type: none"> The response fully addresses the criteria with a high degree of confidence in the applicant's response or proposed solution. The applicant offers one or more enhancing features, methods, or approaches that exceed basic expectations. |
| 100% | Exceptional | <ul style="list-style-type: none"> All requirements are addressed with the highest degree of confidence in the applicant's response or proposed solution. The response exceeds the requirements in providing multiple enhancing features, a creative approach, or an exceptional solution. |



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 & Resources | 10 |
| 5. Budget Cost Effectiveness | 10 |
| 6. Funds Spent in California | 15 |
| 7. Ratio of Direct Labor and Fringe Benefit Rates to Loaded Labor Rates | 5 |
| Total | 100 |
| Minimum points to pass | 70 |



Technical Merit and Need (Criterion 1)

- Goals, objectives, technological or scientific knowledge advancement, and innovation in the proposed project.
- Technological advancement and breakthroughs that overcome barriers to achieving the state's statutory energy goals.
- Current status of the relevant technology and/or scientific knowledge, and advance, supplement, and/or replace current technology and/or scientific knowledge by the proposed project .
- Expected increase in system performance and affordability of the proposed design.
- Need justification for EPIC funding and explanation of why the proposed work is not adequately supported by competitive or regulated markets.
- Degree to which the proposed work is technically feasible and achievable.
- 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)

- Technique, approach, and methods to be used in performing the work described in the Scope of Work, including any outstanding features.
- Task execution and coordinated with various participants and team members.
- Identification and discussion of factors critical for success, risks, barriers, and limitations, and a plan to address them.
- Availability of knowledge gained, experimental results, and lessons learned to the public and key decision-makers.
- Utilizing advantage of specific renewable resources available in the surrounding regions.



Impacts and Benefits for California IOU Ratepayers (Criterion 3)

- Benefits to California Investor-Owned Utility (IOU) ratepayers with respect to the EPIC goals of greater reliability, lower costs, and/or increased safety.
- **Quantitative** estimates of potential benefits for California IOU electricity ratepayers, including the following: 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_x), and water use and/or cost reductions.
- Timeframe, assumptions, and calculations for the estimated benefits, and their reasonableness.
- Impacted market segments in California, including size and penetration or deployment rates, with underlying assumptions.
- Qualitative or intangible benefits to California IOU electricity ratepayers, including timeframe and assumptions.
- Cost-benefit analysis that compares project costs to anticipated benefits. Explanation of costs and benefits calculation and quantification.
- Potential and rationale for replication of this project in other California locations.
- Group 2 Projects Only: Describes how the proposed technologies and strategies will achieve cost parity with fossil-fuel power by 2020.



Team Qualifications, Capabilities, and Resources (Criterion 4)

- Organizational structure of the applicant and the project team, including an organizational chart.
- Key team members, including the project manager and principal investigator.
- Qualifications, experience, capabilities, and credentials of the key team members.
- Management and coordination of various tasks.
- Facilities, infrastructure, and resources available to the team.
- Team's history of successfully completing projects (e.g., RD&D projects) and commercializing and/or deploying results/products.
- Past projects that resulted in a market-ready technology (*include this information in Attachment 9, Reference and Work Product Form*).
- Current References (within past three years).



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.
- 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



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Other Information

- **Updates on Solicitation Documents and today's presentation:**
www.energy.ca.gov/contracts/epic.html#PON-13-303
- **Sign up for the Listserver by selecting "Opportunity:"**
www.energy.ca.gov/listservers/
- **Information on EPIC:**
www.energy.ca.gov/research/epic/index.html
- **Information on other EPIC solicitations:**
www.energy.ca.gov/contracts/epic.html



Questions and Answers

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

Tonya Heron

Commission Agreement Officer

tonya.heron@energy.ca.gov

Please add “PON-14-303 Question” in Subject Line

Deadline to submit questions is

5:00 PM PDT, August 27, 2014!