



SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY

REQUEST FOR PROPOSALS FOR AN

INNOVATIVE and EMERGING ELECTRIC TECHNOLOGY DEMONSTRATION

PROGRAM

Program Description

The Southern California Public Power Authority (“SCPPA”), on behalf of its Member utilities¹ is offering funding for the demonstration of innovative and emerging electric technologies that would benefit electric utility customers in Southern California.

The technologies must be related to the efficient usage, storage, management, distribution, or generation of electric energy. The intent of the funding is to support demonstrations, pilot projects or trial implementations that will prove the effectiveness of or promote the market for innovative and emerging electric technologies.

Program Objectives

SCPPA will select projects based on the following criteria:

1. **Benefit to Customers:** Technologies, measures, products or programs that provide tangible benefit(s) to end-use Customers of SCPPA member utilities, such as energy savings, kilowatt demand reductions or off-peak shifting, and reduced electricity costs;
2. **Benefit to Utilities:** Technologies, measures, products or programs that provide tangible benefits for all Customers, as measured by increased operating efficiency and/or reduced operating expenses of Members’ electric systems.
3. **Technological Advancement:** Technologies, measures, products or programs that are close to commercialization, are not commercially available, or are inadequately represented in the marketplace.²

¹ SCPPA member utilities include the cities of Anaheim, Azusa, Banning, Burbank, Cerritos, Colton, Glendale, Los Angeles, Pasadena, Riverside, Vernon, and the Imperial Irrigation District.

² Recognizing the potential varying state(s) of technology development, SCPPA will be interested in understanding each proposed technology’s level of certification and approval by relevant agencies or organizations, including but not limited to: Underwriters Laboratories (UL), ENERGY STAR® and/or ASHRAE and/or plans to complete or achieve such certification(s).

4. **Location:** Technologies, measures, products or programs must be installed or demonstrated within the service territories of SCPPA member utilities, with preference given to proposals that include demonstration sites in multiple climate zones.
5. **Cost-Effectiveness:** Technologies, measures, products or programs that display potential cost-effectiveness for large-scale installations or applications, as compared to other technologies.
6. **Cost-Sharing:** Co-funded projects are desirable, and preference may be given to projects with more than 50% funding from other sources.

Proposal Guidelines

Proposals shall include the following:

1. **Cover Page:** A cover page including the applicant's company name, contact, address, telephone, email address, a short description of the technology application, and the proposed co-funding request.
2. **Executive Summary:** An executive summary addressing how the proposal satisfies each of the above Program Objectives.
3. **Technology Description:** A description of the technology, potential applications, and benefits to customers and/or Utilities, including previous evaluations or studies performed to validate performance.
4. **Potential Demonstration Site Locations:** Proposed locations of technology demonstrations.
5. **Economic Analysis:** A pro-forma or other economic model showing a net benefit to the utility and/or customer.
6. **Financing Plan:** A financing plan for the project, including other funding sources.
7. **Project Schedule:** A schedule showing the projected start date, major milestones, and estimated completion date of the project.
8. **Metering and Verification Plan:** A plan for verifying the anticipated benefits.
9. **Qualifications and Experience:** A description of the company's qualifications and experience with the proposed technology. Include the professional qualifications of key individuals and, if available, examples of prior experience with similar projects or technologies. For reference purposes, Respondents, when possible, should provide a copy of the most recent Dun and Bradstreet report that is available.

Time Schedule and Budget

Proposals will be considered for co-funding projects during the 2013-2014 fiscal year (July 1, 2013, to June 30, 2014). Proposals will be considered as they are submitted, and commitments encumbering the entire budget may occur early in the fiscal year. Multi-year projects and projects requiring funds in excess of the current budget may be considered, subject to Members allocating additional funds.

SCPPA will correspond with all Respondents and keep them apprised of the Response Review process. Respondents are asked to be considerate of the timing and associated requirements of Proposal review and limit their respective inquiries and requests for status of the review process.

Instructions to Respondents

- Any work performed by a Respondent in connection with this Request for Proposal (RFP), including negotiating a final agreement, will be at the Respondent's own discretion and expense.
- Submission of a Proposal constitutes acknowledgement that the Respondent has read and agrees to be bound by the terms and specifications of this RFP and any addenda subsequently issued.
- Information in this RFP is accurate to the best of SCPPA's knowledge but is not guaranteed to be correct. Respondents are expected to complete all of their due diligence activities prior to entering into any final contract negotiations with SCPPA.
- SCPPA reserves the right to reject any Proposal for any reason without cause. SCPPA reserves the right to enter into relationships with more than one vendor, can choose not to proceed with any Respondent with respect to one or more categories of services, and can choose to suspend this RFP or to issue a new RFP that would supersede and replace this one.

Submission of Proposals

1. **PROPOSALS WILL BE ACCEPTED BY SCPPA THROUGHOUT THE FISCAL YEAR. HOWEVER, EARLY SUBMISSIONS ARE ENCOURAGED BECAUSE THE PROPOSALS WILL BE CONSIDERED AS THEY ARE RECEIVED AND AWARDS ENCUMBERING THE ANTICIPATED BUDGET MAY BE MADE PRIOR TO THE END OF THE FISCAL YEAR.**
2. Questions related to this RFP may be delivered electronically to:
InnovateRFP@scppa.org
3. Mail one hard copy of the proposal to:

Innovative and Emerging Technologies RFP
Southern California Public Power Authority
1160 Nicole Court
Glendora, CA 91740
In addition an electronic copy of the proposal should be delivered via an appropriate electronic storage device with the hardcopy or, in the alternative an electronic version of the proposal may be e-mailed to:
InnovateRFP@scppa.org
4. No contact should be made with the Board of Directors, any committee or working group representatives, or SCPPA Participating Member Agencies concerning this request for proposals.
5. All information received by SCPPA in response to this request for proposals is subject to the California Public Records Act and all submissions may be subject to review in the event of an Audit.