

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov

**NOTICE OF PROPOSED AWARD (NOPA)****Federal Cost Share Under the Electric Program Investment Charge
Grant Solicitation PON-14-308
August 31, 2016**

On November 4, 2014, the California Energy Commission's Electric Program Investment Charge (EPIC) Program released a Program Opportunity Notice (PON) titled "Federal Cost Share Under the Electric Program Investment Charge" (PON-14-308). The PON announced that \$10,000,000 in grant funding was available to provide cost-share funding to applicants that apply for and receive an award under an eligible federal Funding Opportunity Announcement listed in Table 1 of the solicitation manual for the following areas:

- 1. Applied Research and Development** – activities that support pre-commercial technologies and approaches that are designed to solve specific problems in the electricity sector. This includes pilot-scale testing activities that are necessary to demonstrate the feasibility of pre-commercial technologies.
- 2. Technology Demonstration and Deployment** – activities that involve the installation and operation of pre-commercial technologies or strategies at a scale sufficiently large and in conditions sufficiently reflective of anticipated actual operating environments to enable appraisal of operational and performance characteristics, and of financial risks.

The Energy Commission received seven proposals by the due date of August 9, 2016 for DE-FOA-0001495: Enabling Extreme Real-Time Grid Integration of Solar Energy (ENERGISE). The proposals were screened, reviewed, evaluated and scored using the criteria in the solicitation. One proposal passed the Stage One Application Screening.

The attached "Notice of Proposed Award" identifies the applicant selected and recommended for funding by Energy Commission staff and includes the recommended funding amount and score. The total amount recommended is \$2,000,000.

Funding of proposed projects resulting from this solicitation is contingent upon the approval of these projects at a publicly noticed Energy Commission Business Meeting and execution of a grant agreement. If the Energy Commission is unable to timely negotiate and execute a funding agreement with an Applicant, the Energy Commission, at its sole discretion, reserves the right to cancel or otherwise modify the pending award, and award the funds to another applicant.

In addition, the Energy Commission reserves the right to: 1) add to, remove, or shift funding between the different groups if there are insufficient passing proposals in one group and 2)

negotiate with successful applicants to modify the project scope, schedule, and/or level of funding.

This notice is being mailed to all parties who submitted an application to this solicitation and is also posted on the Energy Commission's website at: www.energy.ca.gov/contracts/.

For information, please contact Sandra Raymos at (916) 654-4584, Sandra.Raymos@energy.ca.gov.

Sandra Raymos
Commission Agreement Officer



California Energy Commission

PON-14-308

Federal Cost Share Under the Electric Program Investment Charge

DE-FOA-0001495: Enabling Extreme Real-Time Grid Integration of Solar Energy (ENERGISE)

Notice of Proposed Awards

Wednesday, August 31, 2016

Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Federal Funds Requested	Score	Award Status
Proposed Awards							
1	Southern California Edison	Electric Access System Enhancement (EASE)	\$2,000,000	\$2,000,000	\$4,000,000	72.50	Awardee-Receive Letter of Intent
Did Not Pass							
	Eaton Corporation	Real-Time Monitoring Based Distribution Grid Voltage Compensation and Feeder Reconfiguration for Solar Energy Integration	\$400,000	\$0	\$3,500,000		Did Not Pass
	Lawrence Berkeley National Laboratory	Controllability, Measurement, and Analytic Node in Distribution for Distributed Energy Resources (CoMAND-DER)	\$200,000	\$0	\$2,000,000		Did Not Pass
	Regents of University of California, San Diego	DERMs with Advanced Prediction: High-Resolution Forecasting and Stochastic Feeder Analysis with Machine Learning	\$250,000	\$0	\$2,000,000		Did Not Pass
	Sunspec Alliance	Voltage Regulation and Protection Assurance using DER Advance Grid Functions and Security	\$2,000,000	\$0	\$4,000,000		Did Not Pass
	The Regents of the University of California Berkeley	Phasor-Based Control for Scalable Solar Photovoltaic Integration	\$250,000	\$0	\$2,250,000		Did Not Pass
Total Funding Recommended			\$5,100,000	\$2,000,000	\$17,750,000		
Disqualified							
	City of Riverside	Integrated Distributed Energy Management System	\$1,000,000	\$0	\$4,000,000		Disqualified
Total Funding Recommended*			\$1,000,000	\$0	\$4,000,000		
Grand Total			\$6,100,000	\$2,000,000	\$21,750,000		

*All California Energy Commission awards identified in this NOPA are contingent on the applicant receiving a federal award and meeting the requirements in the solicitation manual.