

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
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**NOTICE OF PROPOSED AWARD (NOPA)****GFO-15-311****Group 2****Advancing Solutions That Allow Customers to Manage Their Energy Demand****March 4, 2016**

On December 21, 2015, the California Energy Commission released a competitive solicitation titled “Advancing Solutions That Allow Customers to Manage Their Energy Demand” under the Electric Program Investment Charge (EPIC) Program. The purpose of this solicitation is to fund applied research and development projects that enable high renewable resource penetration and meet carbon emissions goals by facilitating the more effective use of demand response and distributed resources by all sectors of California IOU customers. Each application was required to fall within one of four applicable project groups. Up to \$17 million in EPIC funding was originally available for grants awarded under this solicitation. The Energy Commission subsequently increased the amount available to Group 1 by \$4 million in the NOPA released on March 3, 2016 and by an additional \$9,146,159 in this NOPA, for a total of \$30,146,159. **This NOPA identifies awards for selected projects in Group 2.**

The Energy Commission received 12 proposals for Group 2 by the due date of February 1, 2016. The proposals were screened, reviewed, evaluated and scored using the criteria in the solicitation.

The attached “Notice of Proposed Award” identifies the Applicants that are recommended for funding by Energy Commission staff and includes the recommended funding amount and score. The total amount recommended for Group 2 is \$17,190,429.

Funding of the proposed projects resulting from this solicitation is also contingent upon the approval of the projects at a publicly noticed Energy Commission Business Meeting and execution of a grant agreement. If the Energy Commission is unable to timely execute a funding agreement with the 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 and 2) negotiate with successful applicants to modify the project scope, schedule, and/or level of funding.

This notice is being mailed to the Applicants of this solicitation and is also posted on the Energy Commission’s website at: www.energy.ca.gov/contracts/.

For information, please contact Brad Worster at (916) 654-4299 or Brad.Worster@energy.ca.gov.

Brad Worster
Commission Agreement Officer



California Energy Commission

GFO 15-311

Advancing Solutions That Allow Customers to Manage Their Energy Demand

Project Group 2 -- Load Management Systems that Facilitate Participation as Demand-side Resources

Notice of Proposed Award

March 4, 2016

Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Match Funds	Score	Award Status
Proposed Awards							
1	Electric Power Research Institute, Inc. (EPRI)	Customer-centric Demand Management using Load Aggregation and Data Analytics	\$3,998,587	\$3,998,587	\$1,270,312	82.7	Awardee
2	Alternative Energy Systems Consulting, Inc. (AESC)	Residential Intelligent Energy Management Solution: Advanced Intelligence to Enable Integration of Distributed Energy Resources	\$3,996,597	\$3,996,597	\$0	77.8	Awardee
3	The Regents of the University of California (Berkeley)	Customer-controlled, Price-mediated, Automated Demand Response for Commercial Buildings	\$4,000,000	\$4,000,000	\$424,000	74.8	Awardee
4	Universal Devices, Inc.	Complete and Low Cost Retail Automated Transactive Energy System (RATES)	\$3,187,370	\$3,187,370	\$0	72.8	Awardee
5	The Regents of the University of California (UCLA)	Identifying Effective Demand Response Program Designs for Small Customer Classes	\$2,007,875	\$2,007,875	\$492,078	71.3	Awardee
Total Funding Recommended			\$17,190,429	\$17,190,429	\$2,186,390		
Passed but Not Funded							
Total			\$0	\$0	\$0		



California Energy Commission

GFO 15-311

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Did Not Pass							
Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Match Funds	Score	Award Status
#	Clean Power Research	Amending the Thermostat Axiom: Using Homes as Thermal Batteries to Accommodate High PV Penetration	\$2,002,105	\$0	\$0		Did Not Pass
#	The Regents of the University of California (UCLA)	Demand Side Predictive Energy Management System: Cost-effective and User-friendly Demand Response Strategies	\$2,529,897	\$0	\$262,909		Did Not Pass
#	Wexus Solutions, LLC	Advancing Solutions That Allow Agricultural Customers to Manage Their Energy Demand	\$4,000,000	\$0	\$200,000		Did Not Pass
#	Charge Bliss, Inc.	The Charge Bliss Load Management System for a Hospital	\$4,000,000	\$0	\$1,022,485		Did Not Pass
#	CleanTech Institute	Developing and pilot-testing of a smart inverter & management system to facilitate customer control and integration of their loads with distributed generation and storage resources	\$3,973,440	\$0	\$995,200		Did Not Pass
#	OSI Consulting	Advanced Energy Sources Cloud Platform	\$2,881,600	\$0	\$97,000		Did Not Pass
#	Elevation Solar	Large demand-response optimization test bed	\$4,000,000	\$0	\$4,000,000		Did Not Pass
Total			\$23,387,042	\$0	\$6,577,594		
Disqualified							
Total			\$0	\$0	\$0		
Grand Total			\$40,577,471	\$17,190,429	\$8,763,984		