

CALIFORNIA ENERGY COMMISSION

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

**NOTICE OF PROPOSED AWARD (NOPA)****GFO-15-308****Groups 5 and 6 only****Reducing Costs for Communities and Businesses Through Integrated Demand-Side Management and Zero Net Energy Demonstrations
December 28, 2015**

On September 23, 2015, the California Energy Commission released a competitive solicitation titled "Reducing Costs for Communities and Businesses Through Integrated Demand-Side Management and Zero Net Energy Demonstrations" under the Electric Program Investment Charge (EPIC) Program. The purpose of this solicitation is to fund research, development and demonstration to help overcome technical and other barriers that prevent achievement of the State of California's goals for increasing energy efficiency in existing buildings and setting zero net energy targets for new and existing buildings. Each application was required to fall within one of six applicable project groups. Up to \$34 million in EPIC funding is available for grants awarded under this solicitation. **This NOPA identifies selected projects for groups 5 & 6 only. Groups 1, 2, 3, & 4 are currently being scored. The NOPA for these four groups is anticipated to be posted in mid-January 2016.**

The Energy Commission received seven proposals for Group 5 and four proposals for Group 6 by the due date of November 20, 2015. 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 5 is \$13,756,149. The total amount recommended for Group 6 is \$9,762,665.

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.

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 Cory Irish at (916) 654-4739 or cory.irish@energy.ca.gov.

Cory Irish
Commission Agreement Officer



**California Energy Commission
GFO-15-308**

**Reducing Costs for Communities and Businesses Through Integrated Demand-Side Management
and Zero Net Energy Demonstrations**

**Notice of Proposed Awards
Groups 5 and 6
December 28, 2015**

**Group 5: Technology Demonstration and Deployment: Integrated Demand-Side Management Demonstrations
to Achieve Maximum Efficiency**

Rank Number	Project Applicant	Project Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Match Funds	Score	Award Status
<i>Group 5 Proposed Awards</i>							
1	Center for Sustainable Energy	San Diego Public Libraries Zero Net Energy and Integrated Demand Side Management Demonstration Project: Achieving Clean Energy Solutions through a Public-Private-Non Profit Partnership	\$3,866,184	\$3,866,184	\$973,147	86.54	Awardee
2	Prospect Silicon Valley	MarketZero: Taking an existing grocery store to scalable near-ZNE	\$2,999,591	\$2,999,591	\$650,000	84.71	Awardee
3	Electric Power Research Institute	Customer-Centric Approach to Scaling IDSM Retrofits	\$3,894,721	\$3,894,721	\$799,517	84.46	Awardee
4	Prospect Silicon Valley	Innovate Net Zero: First ZNE Demonstration in Existing Low-Income Mixed-Use Housing	\$2,995,653	\$2,995,653	\$800,000	78.42	Awardee
Total Funding Recommended			\$13,756,149	\$13,756,149	\$3,222,664		



California Energy Commission GFO-15-308

Reducing Costs for Communities and Businesses Through Integrated Demand-Side Management and Zero Net Energy Demonstrations

Notice of Proposed Awards Groups 5 and 6 December 28, 2015

Group 5 Did Not Pass							
	Advanced Automated Utility	Scalable Low-Cost Demand Side Management Technologies for Energy-Efficient Building Management	\$3,004,971	\$0	\$1,040,210		Did Not Pass
	The Zero Net Energy Alliance	The Balboa Park ZNE Community Demonstration- Establishing a Comprehensive Technical, Policy, Economic, Education, and Market Acceleration Framework for the Nation's Most Visited ZNE Community	\$4,399,085	\$0	\$1,394,781		Did Not Pass
	The Regents of the University of California	Integrated Demand Side Management Architecture to Achieve Zero Net Energy in California's Schools and Small Commercial Facilities	\$3,722,127	\$0	\$7,494,153		Did Not Pass
Total			\$11,126,183	\$0	\$9,929,144		



California Energy Commission

GFO-15-308

Reducing Costs for Communities and Businesses Through Integrated Demand-Side Management and Zero Net Energy Demonstrations

Notice of Proposed Awards
Groups 5 and 6
December 28, 2015

Group 6: Technology Demonstration and Deployment: Large-Scale, Community Wide Demonstrations to Achieve Zero Net Energy

Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Match Funds	Score	Award Status
Group 6 Proposed Awards							
1	California Homebuilding Foundation	Zero Energy Residential Optimization- Community Achievement (ZERO - CA)	\$4,819,856	\$4,819,856	\$2,612,604	91.46	Awardee
2	Electric Power Research Institute	Demonstration of Affordable, Comfortable, Grid Integrated Zero Net Energy Communities	\$4,942,809	\$4,942,809	\$1,509,482	84.32	Awardee
Total Funding Recommended			\$9,762,665	\$9,762,665	\$4,122,086		
Group 6 Did Not Pass							
	UCLA Smart Grid Energy Research Center	Dynamic Zero Net Energy Building Operation in Real Time: DC Microgrid, Demand Response, and Energy Management	\$5,000,000	\$0	\$1,000,000		Did Not Pass
	The Regents of the University of California	The University of California Merced, 2020 Project	\$5,000,000	\$0	\$1,000,000		Did Not Pass
Total			\$10,000,000	\$0	\$2,000,000		
Grand Total			\$44,644,997	\$23,518,814	\$19,273,894		