

CALIFORNIA ENERGY COMMISSION

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

**NOTICE OF PROPOSED AWARD (NOPA)****Demonstrating Clean Energy Solutions That Support
California's Industries, the Environment, and the Electrical
Grid**

**PON-14-307
March 10, 2015**

On November 4, 2014, the California Energy Commission (Energy Commission) released a competitive solicitation to fund technology demonstration and deployment projects that demonstrate clean energy solutions that support California's industries, the environment and the electrical grid. Up to \$21 million in Electric Program Investment Charge (EPIC) Program funding is available to fund awards under this solicitation.

The Energy Commission received 22 proposals by the due date of January 16, 2015. Each proposal was screened, reviewed, evaluated and scored using the criteria in the solicitation. Sixteen (16) proposals passed the Stage One Application Screening.

The attached "Notice of Proposed Awards" identifies each applicant selected and recommended for funding by Energy Commission staff and includes the recommended funding amount and score. The total amount recommended is \$14,345,726.00, which provides funding for all passing projects.

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) allocate any additional funds to passing applications, in rank order; 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 more information, please contact:

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Group 1: Proposals with the demonstration community located entirely within a 2010 census tract with the poorest environmental quality as defined by a CalEnviroScreen 2.0 in the 81 or greater percentile range

Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Match Funds	Score	Award Status
Group 1 Proposed Awards							
1	Recology Bioenergy	Hay Road Renewable Combined Heat and Power Project	\$1,915,500.00	\$1,915,500.00	\$774,500.00	73.2	Awardee
Total Funding Recommended			\$1,915,500	\$1,915,500	\$774,500		
Group 1 Did Not Pass							
	Edisun Microgrids	Airosa CSS Generation Project	\$2,808,726.70	\$0.00	\$655,546.28		Did Not Pass
	City of Gardena — Gardena Municipal Bus Lines	Gardena Municipal Bus Lines Generation and Storage System for Electric Buses	\$2,999,799.00	\$0.00	\$802,100.00		Did Not Pass
	ABEC Bidart-Stockdale LLC	ABEC Bidart Stockdale Dairy Biogas Project	\$1,700,256.00	\$0.00	\$359,150.00		Did Not Pass
	Cleantech Institute, Inc	An innovative microgrid solution with solar energy generation, energy storage system, and V2G system at two communities in Riverside County	\$3,000,000.00	\$0.00	\$1,043,320.00		Did Not Pass
Total			\$10,508,782	\$0	\$2,860,116		



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Group 2: Proposals with a demonstration community not located in regions with the poorest environmental quality as defined by CalEnviroScreen 2.0 in the 81 or greater percentile range

Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Match Funds	Score	Award Status
Group 2 Proposed Awards							
1	ABEC #4 LLC dba Carlos Echeverria & Sons Dairy Biogas	Carlos Echeverria & sons Dairy Renewable Combined Heat and Power Project	\$3,000,000.00	\$3,000,000.00	\$4,983,619.00	80.0	Awardee
2	Sierra Institute for Community and Environment	Advancing Biomass Combined Heat and Power Technology to Support Rural California, the Environment, and the Electrical Grid	\$2,603,228.00	\$2,603,228.00	\$652,400.00	78.1	Awardee
3	The Regents of the University of California	Demonstration of community scale low cost highly efficient PV and Energy management system at the Chemehuevi Community Center (CCC)	\$2,588,906.00	\$2,588,906.00	\$706,698.00	72.9	Awardee
4	Prospect Silicon Valley dba Bay Area Climate Collaborative (BACC)	College of San Mateo Internet of Energy	\$2,999,601.00	\$2,999,601.00	\$2,315,960.00	72.1	Awardee
5	UC Davis	Demonstration of community scale low cost highly efficient PV and energy management system	\$1,238,491.00	\$1,238,491.00	\$658,729.00	71.2	Awardee
Total Funding Recommended			\$12,430,226	\$12,430,226	\$9,317,406		



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Group 2 Did Not Pass							
	Chemergy	HyBrTec-EnStorage Demonstration - WWTP biosolids to hydrogen with electrical energy storage	\$2,227,241.00	\$0.00	\$1,425,335.00		Did Not Pass
	Charge Bliss, Inc.	A novel renewable energy microgrid coupled with active, automated building management to achieve profound Utility demand reduction and efficiency at Carlsbad Technologies, inc.	\$2,764,546.00	\$0.00	\$916,467.00		Did Not Pass
	CleanSpark LLC	The East Miramar Power Infrastructure for Reliability, Efficiency, and Surety (EMPIRES)	\$3,000,000.00	\$0.00	\$5,133,079.00		Did Not Pass
	Firm clean energy llc	Turn-key Community-scale Renewable Generation Platform with Energy Storage	\$2,190,376.00	\$0.00	\$760,000.00		Did Not Pass
	Enlytics Inc.	Enlytics Energy Management System Project	\$2,995,044.00	\$0.00	\$1,242,105.00		Did Not Pass
	Benz Air Engineering Co.	Community DC Microgrid CHP	\$2,694,300.00	\$0.00	\$987,500.00		Did Not Pass
Total			\$15,871,507	\$0	\$10,464,486		
Group 2 Disqualified							
	Green Charge Networks, LLC	The GreenStation Network	\$2,999,671.00	\$0.00	\$ 874,777.00		Disqualified
	Andromeda Power, LLC	SHIELD - Solar Energy on Demand	\$655,058.00	\$0.00	\$ 156,000.00		Disqualified
	San Diego State University Research Foundation	Low carbon Emission Smart Microgrid Energy Management	\$2,182,653.00	\$0.00	\$ 669,461.00		Disqualified
	Amber Kinetics, Inc.	Innovative Flywheel Energy Storage (FES) Demonstration	\$2,100,000.00	\$0.00	\$ 2,100,000.00		Disqualified
	NRG Energy, Inc.	Microgrid Optimization for Renewables Integration and Peak Load Reduction	\$2,839,370.00	\$0.00	\$ 572,530.00		Disqualified
	Microsan Consultancy Services, LLC.	Cold battery for energy storage, peak shifting and grid reliability	\$1,868,484.00	\$0.00	\$ 220,000.00		Disqualified
Total			\$12,645,236	\$0	\$4,592,768		
Grand Total			\$53,371,251	\$14,345,726	\$28,009,276		