

CALIFORNIA ENERGY COMMISSION

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

**NOTICE OF PROPOSED AWARD (NOPA)****Bringing Energy Efficiency Solutions to California's
Industrial, Agriculture and Water Sectors**

**PON-14-304
February 9, 2015**

On August 13, 2014, the California Energy Commission (Energy Commission) released a competitive solicitation to fund the deployment of energy efficient solutions to California's Industrial, Agricultural and Water sectors. Up to \$27.3 million in Electric Program Investment Charge (EPIC) Program funding is available to fund applications in California's industrial, agricultural and water sectors.

The Energy Commission received 13 proposals by the due date of January 9, 2015. Each proposal was screened, reviewed, evaluated and scored using the criteria in the solicitation. Ten (10) proposals passed the Stage Two 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 \$27,050,065.

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 more information, please contact:

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California Energy Commission

PON-14-304

Bringing Energy Efficiency Solutions to California's Industrial, Agricultural and Water Sectors

Notice of Proposed Awards

February 9, 2015

Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Match Funds	Score	Award Status
Proposed Awards							
1	PowWow Energy, Inc.	Irrigation Optimization and Well Pump Monitoring Leveraging Smart Meter Data	\$2,292,829.00	\$2,292,829.00	\$535,568.00	86.3	Awardee
2	Porifera	Water and Energy Savings Utilizing Innovative Forward Osmosis Systems for Irrigation and Indirect Potable Reuse	\$3,230,420.00	\$3,230,420.00	\$646,493.00	84.5	Awardee
3	Asetek	Demonstration of low-cost data center liquid cooling with 12-month payback	\$3,552,678.00	\$3,552,678.00	\$1,519,738.00	84.4	Awardee
4	Wexus Technologies, Inc	Wexus Energy & Water Management Mobile Software Project	\$4,000,000.00	\$4,000,000.00	\$1,000,000.00	83.5	Awardee
5	Kennedy/Jenks Consultants, Inc.	Raw Wastewater Filtration for Carbon Diversion to Achieve Significant Electricity Savings at Wastewater Treatment Plants	\$3,476,085.00	\$3,476,085.00	\$1,288,340.00	82.5	Awardee
6	UC Riverside - Bourns College of Engineering	Bringing Energy Efficiency Solutions to California's Water Sector with the Use of Customized Energy Management System (EMS) and SCADA	\$3,017,035.00	\$3,017,035.00	\$1,722,732.00	82.4	Awardee



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7	Porifera	Water and Energy Savings Through Osmotic Concentration of Products and Waste in Food and Beverage Industry	\$2,499,289.00	\$2,499,289.00	\$628,568.00	80.6	Awardee
8	The Regents of the University of California - Energy Institute at Haas	Unlocking Industrial Energy Efficiency Through Optimized Energy Management Systems	\$4,981,729.00	\$4,981,729.00	\$1,530,590.00	80.3	Awardee
Total Funding Recommended			\$27,050,065	\$27,050,065	\$8,872,029		
Passed but Not Funded							
9	Kennedy/Jenks Consultants	Improving Membrane Treatment Energy Efficiency Through Monitoring and Removal of Colloidal Particle Foulants	\$ 1,195,068.00	\$0	\$ 336,000.00	80.1	Finalist
10	Energy Concepts Company, LLC	Thermosorber for Efficient Integrated Process Chilling and Heating	\$ 1,989,434.00	\$0	\$ 610,000.00	74.6	Finalist
Total			\$3,184,502	\$0	\$946,000		
Disqualified							
	BKT, Inc.	Gravity Based, Low Energy Biofilter for Nitrogen and Other Contaminant Removal in Water and Wastewater	\$ 1,000,000.00	\$0	\$ 275,940.00		Disqualified



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	Humboldt State University Sponsored Programs Foundation	Engineered Osmosis Assisted Seawater RO Desalination for Energy Reduction and Enhanced Water Recovery	\$ 3,303,512.00	\$0	\$ 980,865.00		Disqualified
	UC Davis - Center for Water-Energy Efficiency	Real-Time Monitoring of Water and Energy Losses in Water Infrastructure Systems	\$ 1,499,366.00	\$0	\$ 700,000.00		Disqualified
Total			\$5,802,878	\$0	\$1,956,805		
Grand Total			\$36,037,445	\$27,050,065	\$11,774,834		