

CALIFORNIA ENERGY COMMISSION

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

**NOTICE OF PROPOSED AWARD (NOPA) (Revised)**

**Advancing Cutting-Edge Technologies and Strategies to Reduce Energy Use and
Costs in the Industrial, Agriculture and Water Sectors: Phase 2
GFO-16-305
~~February 28~~ March 9, 2017**

On December 20, 2016 the California Energy Commission (Energy Commission) released Phase 2 of a competitive solicitation to fund applied research and development projects that would increase demand response in the industrial, agriculture and water sectors. Up to \$3 million in Electric Program Investment Charge (EPIC) Program funding is available to fund applications in the following project group:

- Group 2: Develop and Validation of Demand Response Technologies and Strategies

The Energy Commission received seven proposals for Group 2 by the due date of January 18, 2017. Each proposal was screened, reviewed, evaluated and scored using the criteria in the solicitation. Six proposals passed the Stage One Application Screening.

The attached **revised** "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 for Group 2 is \$2,999,883. **This revision corrects the title of one project.**

Funding of the proposed project 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 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) increase or decrease the available funding and the group minimum/maximum award amounts described in the solicitation 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 Crystal Presley-Willis at (916) 654-5067 or Crystal.Presley-Willis@energy.ca.gov

Crystal Presley-Willis
Commission Agreement Officer



California Energy Commission
GFO-16-305
Advancing Cutting-Edge Technologies and Strategies to Reduce Energy Use
and Costs in the Industrial, Agriculture and Water Sectors: Phase 2
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| Group 2: Develop and Validation of Demand Response Technologies and Strategies | | | | | | | |
|--|-------------------|---|-----------------------------------|-------------------------------------|--------------------|-------|--------------|
| Rank Number | Project Applicant | Title | Energy Commission Funds Requested | Energy Commission Funds Recommended | Match Funds | Score | Award Status |
| Proposed Awards | | | | | | | |
| 1 | UC Davis | Advancing Demand Response in the Water Sector | \$2,999,883 | \$2,999,883 | \$90,865 | 86.73 | Awardee |
| Total | | | \$2,999,883 | \$2,999,883 | \$90,865 | | |
| Passed but Not Funded | | | | | | | |
| 2 | UC Davis | Modular Electrical Energy Storage Using Second Life Battery Capable of Peak Shifting and Demand Response for Industrial Equipment | \$1,993,856 | \$0 | \$181,173 | 79.25 | Finalist |
| 3 | Lincus, Inc. | Self-Powered Environmentally Sound Energy-Efficient System (SPESEES) for Industrial Applications Remote Pump Management (RPM) Program | \$1,263,893 | \$0 | \$0 | 70.54 | Finalist |
| Total | | | \$3,257,749 | \$0 | \$181,173 | | |
| Did Not Pass | | | | | | | |
| | Rein Tech, Inc. | Water Use Monitoring, Leak Detection and Water Quality Monitoring | \$1,000,000 | \$0 | \$200,000 | | Did Not Pass |
| | UC Riverside | A New Paradigm for Energy- and Water-Efficient Agriculture in California | \$2,636,873 | \$0 | \$187,441 | | Did Not Pass |
| | Enova Water, LLC | Integration of Energy-Efficient Controls and Artificial Intelligence Based Strategies for Peak Demand Management and Load Shifting | \$1,518,559 | \$0 | \$307,100 | | Did Not Pass |
| Total | | | \$5,155,432 | \$0 | \$694,541 | | |
| Disqualified | | | | | | | |
| | Siemens Corp. | DRIP - Demand Response Irrigation Platform: Development, Validation and Demonstration of Smart Irrigation Optimization, and Pump and Valve Management | \$994,009 | \$0 | \$400,078 | | Disqualified |
| Total | | | \$994,009 | \$0 | \$400,078 | | |
| Grand Total | | | \$12,407,073 | \$2,999,883 | \$1,366,657 | | |