

CALIFORNIA ENERGY COMMISSION

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REVISED NOTICE OF PROPOSED AWARDS (NOPA) – GROUP 3 ONLY
Improving Performance and Cost Effectiveness of Small Hydro, Geothermal and Wind
Energy Technologies
GFO-16-301
October 3, 2016 – February 7, 2017

On June 15, 2016, the California Energy Commission (Energy Commission) released a competitive solicitation to fund innovative research and development for in-conduit hydropower, geothermal and wind technologies that will result in improving the performance and cost-effectiveness of renewable energy sources. Up to \$8.5 million in Electric Program Investment Charge (EPIC) funding is available to fund applications in:

- Group 1: Expanding California’s Use of In-Conduit Hydrokinetic Power.
- Group 2: Improving the Cost-Effectiveness and Operational Flexibility of Geothermal Energy Production.
- Group 3: Upgrading California’s Aging Wind Turbines.

The Energy Commission received thirty two proposals by the due date of August 17, 2016. Each proposal was screened, reviewed, evaluated and scored using the criteria in the solicitation. ~~Thirteen proposals from group 1, nine proposals from group 2 and eight~~ **Seven** proposals from group 3 passed the Stage One Application Screening.

The attached ~~three tables, one for each project group~~, titled “Notice of Proposed Awards” ~~identify~~ **identifies** each applicant selected and recommended for funding **for Group 3** by Energy Commission staff and includes the recommended funding amount and score. The total amount recommended is ~~\$8,335,457~~ **6,960,211**.

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 to make additional awards 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 Gordon Kashiwagi at (916) 654-5131 or gordon.kashiwagi@energy.ca.gov.

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Commission Agreement Office



California Energy Commission

GFO-16-301

Improving Performance and Cost Effectiveness of Small Hydro, Geothermal and Wind Energy Technologies

Notice of Proposed Awards

Group 3: Upgrading California's Aging Wind Turbines

~~9/30/2016~~ Revised February 7, 2017

Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Match Funds	Score	Award Status
Proposed Awards							
1	UC Davis	RenewALL	\$810,438	\$810,438	\$124,916	76.73	Awardee
2	San Diego State Foundation	Flexible Blade for Small and Medium-Sized Vertical Axis Wind Turbines	\$1,375,246	\$1,375,246	\$0	75.58	Awardee
Did Not Pass							
3 2	Pacific Sky Productions, LCC	Increasing Energy Density and Optimizing California Floating Offshore Wind Platforms to Minimize Levelized Cost of Energy and Maximize Economic Benefit to California	\$638,817	\$0	\$128,279		Did Not Pass
4 3	Wind Harvest International	Improving VAWT Capacity Factors and Proving the Applicability for Use in Existing Wind Farms to Reduce Renewable Energy Costs for CA Ratepayers	\$1,027,876	\$0	\$350,946		Did Not Pass
5 4	Primo Wind	Pioneering Distributed Wind in the City of Chula Vista	\$514,500	\$0	\$0		Did Not Pass
6 5	UCLA	Wind-Capture: Adaptive System for High-Efficiency Wind Integration	\$1,468,862	\$0	\$282,518		Did Not Pass
7 6	Leviathan Wind Energizer	Wind Turbine Enhancement	\$997,201	\$0	\$108,600		Did Not Pass
8 7	Tangram Motor Corporation	Rotary Jet Technoogy	\$900,000	\$0	\$300,000		Did Not Pass
Disqualified							
	San Diego State Foundation	Flexible Blade for Small and Medium-Sized Vertical Axis Wind Turbines					DQ
	Gowindpower	V12 Wind Turbine					DQ
Grand Total			\$6,357,694	\$810,438	\$1,295,259		