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

NOTICE OF PROPOSED AWARDS (NOPA)

Advance the Resilience and Environmental Performance of California's Electricity System
GFO-16-311, Group 2 Only
February 1, 2018

On July 7, 2017, the California Energy Commission (Energy Commission) released a competitive solicitation to fund Applied Research and Development (AR&D) projects that advance actionable energy-related science with the focus on understanding and mitigation of climate change consequences for hydropower generation; identification of opportunities for building retrofit and expansion of renewable distributed generation microgrid; advancement of Cal-Adapt platform to improve resilience and environmental performance of California's electricity sector; and development of innovative solutions addressing environmental aspects of electricity generation and distribution. Up to $6.4 million Electric Program Investment Charge (EPIC) funding is available to fund applications in four project groups:

- **Group 1**: Empirical Studies of Aerosols to Boost Precipitation Enhancement Programs of Investor Owned Utilities
- **Group 2**: Air Quality and Climate Benefits of Targeted Retrofit Buildings and Renewable Distributed Generation (DG) in Dense Urban Areas Including Disadvantaged Communities
- **Group 3**: Building on the Cal-Adapt Platform to Deliver Actionable Information in Support of Electricity Sector Resilience
- **Group 4**: Small Grants

This NOPA covers Group 2 only. The NOPA for Groups 1, 3, and 4 was released separately on January 11, 2018.

The Energy Commission received twelve proposals for Group 2 by the due date of October 9, 2017. All submitted proposals passed the Stage One Application Screening and each of the passing twelve proposals was screened, reviewed, evaluated, and scored according to the solicitation's criteria.

The attached NOPA identifies each applicant selected and recommended for funding by Energy Commission staff under Group 2 and includes the recommended funding amount and score. The total amount recommended for Group 2 is $4,398,422.

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 add to, remove, or shift funding to make additional awards and to negotiate with successful applicants to modify the project scope, schedule, and 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 Commission Agreement Officer Crystal Presley-Willis at (916) 653-6110 or Crystal.Presley-Willis@energy.ca.gov.

Crystal Presley-Willis
Commission Agreement Officer

California Energy Commission

GFO-16-311

Advancing the Resilience and Environmental Performance of California's Electricity System

Notice of Proposed Awards

Project Group 2: Air Quality and Climate Benefits of Targeted Retrofit Buildings and Renewable Distributed Generation (DG) in Dense Urban Areas Including Disadvantaged Communities (*Project Sites in Southern California*)

2/1/2018

Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Match Funds	Score	Award Status
Proposed Awards							
1	The Regents of the University of California, Los Angeles	Using Big Data to Holistically Assess Benefits from Building Energy System Transition Pathways in Disadvantaged Communities	$1,098,662	$1,098,662	$54,740	89.26	**Awardee**
2	The Regents of the University of California, Irvine	Oak View Microgrid: Using Microgrid Technologies to Simultaneously Improve Quality of Life and Electric Grid Operations	$1,099,760	$1,099,760	$367,804	84.76	**Awardee**
Subtotal			**$2,198,422**	**$2,198,422**	**$422,544**		
Passed But Not Funded							
3	University of Southern California	PURE-AIR: Data-driven Optimizations of Urban Energy Scenarios for Better AIR Quality in Disadvantaged Communities	$1,099,815	$0	$0	80.08	**Finalist**
Did Not Pass							
	Center for Sustainable Energy	Modeling Targeted Sustainable Energy Solutions for Multi-Family Tenants in Low-income and Disadvantaged Communities	$1,100,000	$0	$40,800	**Did Not Pass**	
	The Regents of the University of California, Riverside	Evaluation of Air Quality and Health Benefits of Building Retrofit and Distributed Generation in Disadvantaged Communities	$1,100,000	$0	$440,022	**Did Not Pass**	
Total for Southern California Subgroup			**$5,498,237**	**$2,198,422**	**$903,366**		

California Energy Commission

GFO-16-311

Advancing the Resilience and Environmental Performance of California's Electricity System

Notice of Proposed Awards

Project Group 2: Air Quality and Climate Benefits of Targeted Retrofit Buildings and Renewable Distributed Generation (DG) in Dense Urban Areas Including Disadvantaged Communities (*Project Sites in San Joaquin Valley*)

2/1/2018

Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Match Funds	Score	Award Status
Proposed Awards							
1	Lawrence Berkeley National Laboratory	Building Healthier and More Energy-Efficient Communities in Fresno and the Central Valley	$1,100,000	$1,100,000	$0	87.43	**Awardee**
2	The Regents of the University of California, Berkeley	Engaging Communities in the Design of Sustainable Energy and Localized Futures (SELF) Models in California's San Joaquin Valley	$1,100,000	$1,100,000	$0	82.52	**Awardee**
Subtotal			**$2,200,000**	**$2,200,000**	**$0**		
Did Not Pass							
	Electric Power Research Institute, Inc.	Benefits of Urban Energy Networks to Advancing Fresno's Environment (BUENA FE)	$1,099,458	$0	$299,941	**Did Not Pass**	
	The Regents of the University of California, Riverside	Comprehensive Integrated Assessment of Actionable Urban Energy Scenarios to Improve Efficiency and Indoor/Outdoor Air Quality Indices at San Joaquin Disadvantaged Housing Communities	$1,045,931	$0	$239,421	**Did Not Pass**	
	CommunaLife	Methodology and Tools for Creating Localized Community Renewable Microgrid Blueprint to Advance the Resilience and Environmental Performance of California's Electricity System	$1,065,672	$0	$155,591	**Did Not Pass**	
	CALSTART	Advanced Transportation Electrification Roadmap	$1,014,118	$0	$6,364,563	**Did Not Pass**	
	OhmConnect, Inc.	Letting the Customers Choose: Advancing Energy-Sharing Technologies for Disadvantaged Communities	$1,097,626	$0	$482,989	**Did Not Pass**	
Total for San Joaquin Valley Subgroup			**$7,522,805**	**$2,200,000**	**$7,542,505**		