

CALIFORNIA ENERGY COMMISSION

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www.energy.ca.gov



NOTICE OF PROPOSED AWARD Round 2

Alternative and Renewable Fuel and Vehicle Technology Program Grant Solicitation PON-11-601 Biofuels Production Facilities

October 5, 2012

On January 11, 2012, the California Energy Commission (Commission) released a Grant Solicitation and Application Package entitled “Biofuels Production Facilities” under the Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP) to provide funding for the development of new, California-based biofuel production facilities that can sustainably produce low carbon transportation fuels.

This solicitation sought applications in three development stages:

- Stage 1: Early Technology Development
- Stage 2: Pilot and Demonstration Facilities
- Stage 3: Commercial Facilities

The solicitation also identified the following eligible biofuels, if used for transportation purposes:

- Diesel substitutes
- Gasoline substitutes
- Biomethane

The grant solicitation announced that the maximum funding available for this solicitation was \$37.69 million and that the Energy Commission reserved the right to increase total funding under this solicitation by up to an additional \$30 million. The solicitation encouraged applicants to identify whether their projects were “CEQA-ready” so that the Energy Commission could perform an initial round of scoring and funding to meet encumbrance deadlines associated with the portion of funds allocated in the 2010-2011 Investment Plan. On March 23, 2012, the Energy Commission released the “Notice of Proposed Awards (NOPA) – Round 1” which recommended projects for funding that achieved the highest passing scores and committed to providing California Environmental Quality Act (CEQA) compliance documentation by May 1, 2012.

The attached table entitled “Notice of Proposed Awards – Round 2” identifies the Round 2 projects recommended for funding and the amount of recommended funding. In

addition, the table lists the scores for all projects that were included in the Round 1 NOPA, and corrects a typographical error on the score of one Applicant on the Round 1 NOPA which was incorrectly listed as 94%, when in fact, the score was 93.4%. The correction of this typographical error does not affect the proposed award.

In accordance with the solicitation (PON-11-601, Section 13, Pages 8 - 10), all CEQA compliance documents must be submitted to the Energy Commission for review no later than March 15, 2013. If CEQA compliance documents are not received by March 15, 2013, the Energy Commission may cancel the proposed award and fund the next highest scored project from the second round of scoring.

Funding of proposed projects resulting from this solicitation is contingent upon the approval of these projects at a publicly noticed Business Meeting at the Energy Commission in Sacramento, California, 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 the pending award and fund the next highest ranking application within the Round 2 NOPA. Applicants will be notified of such changes in a revised notice.

This notice is being posted on the Energy Commission's web site at <http://www.energy.ca.gov/contracts/index.html>. In addition, it is being mailed to each party that submitted a proposal to this solicitation.

Questions should be directed to: Kevyn Piper
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California Energy Commission
Alternative and Renewable Fuel and Vehicle Technology Program



Solicitation PON-11-601
Biofuels Production Facilities

Round 2 - Notice of Proposed Awards
October 5, 2012

Fuel Category: Diesel Substitute

Round 2 Proposed Awards: \$8,641,723

Proposal Number	Applicant	Project Title	Funds Requested	Proposed Award Round 1	Proposed Award Round 2	Score	Round 1	Round 2
Proposed Awards								
11	Springboard Biodiesel LLC*	Deploying Small Scale Biodiesel Facilities in CA	\$758,200	\$758,200		93.4%	Round 1 Awardee	
37	Buster Biofuels LLC	Escondido Biorefinery 2 nd Generation (EB2G)	\$2,641,723		\$2,641,723	91.9%		Round 2 Awardee
27	New Leaf Biofuel, LLC	Scale up of Biodiesel Production Facility with Reduced Carbon Intensity (CI)	\$511,934	\$511,934		90.9%	Round 1 Awardee	
61	Yokayo Biofuels, Inc.	A Catalyst for Success	\$1,860,330	\$1,860,330		90.7%	Round 1 Awardee	
53	SacPort Biofuels Corp.	SacPort Renewable Diesel Pilot Project	\$5,000,000	\$5,000,000		89.4%	Round 1 Awardee	
10	Eslinger Biodiesel, Inc.	Developing Biodiesel Production at Kinder Morgan Distribution Terminals in California	\$6,000,000		\$6,000,000	89.3%		Round 2 Awardee
Pass But Not Funded								
50	AltAir Fuels, LLC	Alt Air Fuels, LLC Commercial Scale Biofuels Production Facility	\$6,000,000		\$0	87.6%		Finalist
18	GeoGreen Biofuels, Inc.	Biodiesel Feedstock Pretreatment Facility ("Pretreatment")	\$2,133,449		\$0	83.7%		Finalist
35	Viridis Fuels, a California Corporation	Viridis/EBMUD Biodiesel Production Facility	\$3,900,000		\$0	82.6%		Finalist
6	Biodico	A Distributed Network of Ultralow Carbon Intensity Biorefineries with Cogeneration	\$6,000,000		\$0	82.2%		Finalist
55	Calgren Renewable Fuels LLC	Calgren Biodiesel	\$2,681,685		\$0	81.6%		Finalist
15	AccuChem Conversion Inc. & Blue Sun Biodiesel LLC	Upgrade, Expand AccuChem Soy Biodiesel Plant to Low Carbon Feedstock	\$3,704,638		\$0	81.3%		Finalist
33	TerViva Bioenergy, Inc.	Evaluation of the Pongamia Tree as a Biodiesel Feedstock	\$1,466,934		\$0	79.1%		Finalist

Proposal Number	Applicant	Project Title	Funds Requested	Proposed Award Round 1	Proposed Award Round 2	Score	Round 1	Round 2
43	American Biodiesel, Inc. dba Community Fuels	Expansion of Existing Facilities for Producing Low Carbon Intensity Biodiesel	\$6,000,000		\$0	78.9%		Finalist
57	Biotech Energy of America, Inc.	Multi-Sourced Aquatic & UCO Biomass-to-Fuel Demonstration Facility	\$2,660,000		\$0	76.0%		Finalist
46	Whole Energy Fuels Corporation	Glycerolysis Plant	\$1,114,000		\$0	74.0%		Finalist
47	Eastern Municipal Water District	Biodiesel Feedstock Production Facility at the Perris Valley RWRF	\$2,399,000		\$0	72.9%		Finalist
9	Menon International, Inc.	Aerobic Fermentation of California Cellulosic Agricultural Waste into Biofuel	\$2,750,000		\$0	72.7%		Finalist
2	The Regents of the University of California; University of California, San Diego	A Comprehensive Algae Biofuels Pilot, Demonstration, and Training Facility	\$5,000,000		\$0	72.6%		Finalist
42	Argo Fuels, LLC	Argo Fuel's Biodiesel Capacity Enhancements Project	\$1,680,300		\$0	72.4%		Finalist
25	Kiverdi, Inc.	Novel Fully Integrated Waste Biomass-to-Diesel Process	\$1,498,640		\$0	70.0%		Finalist
Did Not Pass								
17	BioEnergy Development, LLC	BED/USDA Pilot Plant - Albany, CA	\$5,000,000		\$0	63.4%		Did Not Pass
56	Sirona Fuels, Inc.	Sirona Fuels Production Capacity and Efficiency Scale-Up	\$2,183,336		\$0	63.3%		Did Not Pass
8	Pacific Biodiesel Technologies, LLC	Community-scale Biodiesel Plant Efficiency Upgrades to Create Economic Viability	\$2,865,824		\$0	61.9%		Did Not Pass
62	UrbanX Renewables Group, Inc.	2 nd Generation Ultra-Clean Renewable Diesel Production Pilot Facility- Long Beach, CA	\$5,000,000		\$0	61.1%		Did Not Pass
19	SRI International	Hollow-Fiber Membrane Process for Separation and Purification of Biodiesel	\$774,962		\$0	55.4%		Did Not Pass
20	Pacific Oil Products, Inc.	Commercial Scale Algae Oil Demonstration Project - Tulare	\$1,344,888		\$0	52.2%		Did Not Pass
51	Extreme Green Technologies, Inc. (EGTJV)	Refinery Feedstock Production from Regionally Grown Crude Algae Oil	\$1,000,000		\$0	49.9%		Did Not Pass
29	Promethean Biofuels	Lab Method Pilot Development Project	\$329,500		\$0	N/A		Disqualified
52	Broken Box Energy LLC dba "California Agri-Energy"	Integrated Bio-Energy Center - Biodiesel, Biogas, Feedmeal, Renewable Energy	\$750,000		\$0	N/A		Disqualified
58	Urban Algae Inc.	UCO Biodiesel Waste Stream to Algae Biodiesel Proof-of-Concept	\$1,150,000		\$0	N/A		Disqualified
DIESEL SUBSTITUTE TOTAL			\$86,159,343	\$8,130,464	\$8,641,723			

Fuel Category: Gasoline Substitute			Round 2 Proposed Awards: \$9,664,657					
Proposal Number	Applicant	Project Title	Funds Requested	Proposed Award Round 1	Proposed Award Round 2	Score	Round 1	Round 2
Proposed Awards								
38	Mendota Bioenergy, LLC (MBLLC)	Advanced Biorefinery Center-Mendota Integrated Demonstration Plant	\$5,000,000		\$5,000,000	87.9%		Round 2 Awardee
31	ZeaChem Inc.	Pilot Plant and Commercial Feasibility Study for Biobased Gasoline Blendstocks	\$4,664,657		\$4,664,657	86.6%		Round 2 Awardee
23	EdeniQ, Inc.	California Cellulosic Ethanol Biorefinery	\$3,900,000	\$3,900,000		84.0%	Round 1 Awardee	
13	Kent BioEnergy Corporation	Fermentable Sugars for Ethanol Production from Microalgal Biomass	\$1,500,000	\$1,496,426		77.1%	Round 1 Awardee	
Pass But Not Funded								
54	Sierra Energy	Sustainable Gas Substitute Project	\$1,500,000		\$0	76.9%		Finalist
7	Reliant BioFuels, LLC	Low Carbon Biofuel Feedstock Refinery	\$826,706		\$0	76.9%		Finalist
28	Canergy, LLC	Pre-Work Low-Carbon Ethanol Production from Sugarcane and Sweet Sorghum	\$1,478,331		\$0	74.4%		Finalist
48	Logos Technologies, Inc.	The Alchemy Project: Waste to Fuel	\$500,000		\$0	73.5%		Finalist
5	Pacific Ethanol Development, LLC	Madera Biomass Refinery	\$2,441,021		\$0	72.7%		Finalist
34	Fulcrum BioEnergy, Inc.	Fulcrum BioEnergy MSW-to-Biofuels Integration Study	\$1,500,000		\$0	70.9%		Finalist
Did Not Pass								
21	California Ethanol & Power, LLC (CE&P)	Permitting for California Sugarcane Ethanol Plant	\$2,275,000		\$0	68.9%		Did Not Pass
36	Altex Technologies Corporation	Mobile Biomass Conversion Synthetic Gasoline System (BCSGS)	\$1,924,489		\$0	68.2%		Did Not Pass
1	Marine BioEnergy, Inc.	Abundant Gasoline Substitute from Kelp Farmed in the Open Ocean	\$775,806		\$0	65.1%		Did Not Pass
30	Partnership for Environmental Progress, Inc.	Agave Biofuel Feasibility Study	\$671,649		\$0	65.1%		Did Not Pass
63	Seaborne Ventures, LLC	F3: Food and Fuel for the Future	\$1,500,000		\$0	58.5%		Did Not Pass
60	Caseus Energy, LLC	Caseus Energy: Whey Permeate to Fuel Grade Ethanol	\$3,000,000		\$0	N/A		Disqualified

Proposal Number	Applicant	Project Title	Funds Requested	Proposed Award Round 1	Proposed Award Round 2	Score	Round 1	Round 2
4	Ethanol Energy Systems, LLC	Ethanol Conversion Prototype	\$400,000		\$0	N/A		Disqualified
GASOLINE SUBSTITUTE TOTAL			\$33,857,659	\$5,396,426	\$9,664,657			

Fuel Category: Biomethane	Round 2 Proposed Awards: \$8,589,993
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Proposed Awards								
40	Clean World Partners	Sacramento BioRefinery #1 Phase II: SCALE-UP to 100 TPD	\$6,000,000	\$6,000,000		94.6%	Round 1 Awardee	
12	Tulare County Compost & Biomass Inc.	TCCBI Biomethane Production Facility	\$4,787,694		\$4,787,694	90.8%		Round 2 Awardee
32	Environ Strategy Consultants, Inc.	Anaerobic Digestion of Food Waste to Create Biomethane CNG Fuel	\$2,422,740		\$1,211,370	86.0%		Round 2 Awardee
44	Blue Line Transfer, Inc.	Blue Line Biogenic CNG Facility	\$2,590,929		\$2,590,929	83.8%		Round 2 Awardee

Pass But Not Funded								
39	Gas Technology Institute	Demler Biomethane Injection Project	\$1,053,741		\$0	81.6%		Finalist
49	MicroBio Engineering, Inc.	City of Fresno Demonstration of Commercial Biofuels Production with Algae	\$1,040,000		\$0	81.6%		Finalist
59	City of Napa and Napa Recycling & Waste Services, LLC.	Alternative and Renewable Anaerobic Digestion and Biofuel Production Facility	\$3,641,378		\$0	80.6%		Finalist
26	Delhi County Water District	Delhi Biogas Capture and Production Project Utilizing AIWPS®	\$1,880,000		\$0	78.4%		Finalist
16	Southwest Transportation Agency	Fresno Dairy Waste to Liquefied Biogas Design/Planning Project Utilizing AIWPS®	\$1,041,000		\$0	75.9%		Finalist
22	Quantitative BioSciences, Inc.	Algae-Based Cleanup of Anaerobic Digester Biogas for Clean Biomethane Production	\$1,000,000		\$0	75.9%		Finalist

Did Not Pass								
45	Interra Energy, Inc.	Carbon Negative Transportation Grade Biomethane	\$660,341		\$0	62.8%		Did Not Pass
3	Environmental Energy and Engineering Company	Enhanced Biomethane Production from Manure Management	\$562,497		\$0	59.8%		Did Not Pass

Proposal Number	Applicant	Project Title	Funds Requested	Proposed Award Round 1	Proposed Award Round 2	Score	Round 1	Round 2
14	County of Los Angeles Department of Public Works (DPW), Environmental Programs Division	Los Angeles County Conversion Technology Center (CTC)	\$860,000		\$0	N/A		Disqualified
BIOMETHANE TOTAL			\$27,540,320	\$6,000,000	\$8,589,993			
TOTAL FUNDING RECOMMENDED FOR ROUND 2					\$26,896,373			
ROUND 1 TOTAL PROPOSED AWARDS (Posted 3/23/12)				\$19,526,890				
ROUND 1 AND 2 TOTALS			\$147,557,322	\$19,526,890	\$26,896,373			

* The Notice of Proposed Awards (3/23/12) mistakenly showed a score for Proposal #11 submitted by Springboard Biodiesel, LLC, as 94%, when in fact the score was 93.4%. This typographical error has been corrected and properly reflected in the Round 2 - Notice of Proposed Awards and this correction does not change the proposed award amount.

Expiration Date: October 12, 2012