



## **NOTICE OF PROPOSED AWARD**

### **Food Production Investment Program 2019 GFO-19-901 January 17, 2020**

On August 27, 2019, the California Energy Commission (CEC) released a competitive solicitation to fund drop-in and emerging energy efficiency and renewable energy technologies for food production facilities with the goal of reducing greenhouse gas emissions and benefiting priority populations. Up to \$74,000,000 in Food Production Investment Program funding is available for applications in:

- Tier I: Drop-In Technologies
- Tier II: Emerging Technologies

The CEC received 33 proposals by the due date of December 4, 2019. Each proposal was screened, reviewed, evaluated and scored using the criteria in the solicitation. Twenty-seven proposals passed the stage one application screening.

The attached Notice of Proposed Awards identifies each applicant selected and recommended for funding by CEC staff and includes the recommended funding amount and score. The total amount recommended is \$60,595,384.

Funding of proposed projects from this solicitation is contingent upon the approval of these projects at a publicly noticed CEC business meeting and execution of a grant agreement. If the CEC is unable to timely negotiate and execute a funding agreement with an applicant, the 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 CEC 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, or level of funding.

This notice is being mailed to all parties that submitted an application to this solicitation and is also posted on the [CEC's website](http://www.energy.ca.gov/contracts/) at [www.energy.ca.gov/contracts/](http://www.energy.ca.gov/contracts/).

For information, please contact [Angela Hockaday](mailto:angela.hockaday@energy.ca.gov), Commission Agreement Officer, at (916) 654-5186, or [angela.hockaday@energy.ca.gov](mailto:angela.hockaday@energy.ca.gov).



# California Energy Commission

GFO-19-901

Food Production Investment Program

Tier I: Drop-In Technologies

Notice of Proposed Awards

January 17, 2020



Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended*	Match Funds	Score	Award Status
<b>Proposed Awards</b>							
1	Aemetis Advanced Fuels Keyes, Inc.	Aemetis Food Emission and Energy Efficiency Delivery (FEEED) Initiative	\$6,000,000	\$6,000,000	\$5,263,353	104.20	Awardee
2	Hilmar Cheese Company, Inc.	Hilmar Cheese Refrigeration, Boiler, and Compressed Air Systems Optimization	\$1,689,320	\$1,689,320	\$909,634	93.30	Awardee
3	Pacific Coast Producers	Vertical Hot Breaks	\$1,131,715	\$1,131,715	\$626,885	90.30	Awardee
4	Pacific Coast Producers	Pacific Coast Producers Boiler Upgrade	\$1,738,750	\$1,738,750	\$936,250	88.40	Awardee
5	Sunsweet Growers Inc.	Reducing Greenhouse Gas Emissions Through Boiler, Steam Trap, and Air Compressor Replacement and Modernization	\$1,591,643	\$1,591,643	\$864,545	85.30	Awardee

\*Upon verification of applicant's budget this amount may be lowered

Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended*	Match Funds	Score	Award Status
6	Bimbo Bakeries, USA, Inc.	Natural Gas and Electricity Reductions Through Deploying High-Efficiency Motors, Boilers, and Waste Heat Recovery systems at Multiple Bimbo Bakeries	\$1,142,695	\$1,142,695	\$615,297	85.10	Awardee
7	OWB Packers LLC	Facility Energy Efficiency Upgrades	\$2,342,740	\$2,342,740	\$1,916,788	85.10	Awardee
8	Amy's Kitchen	Amy's Kitchen Santa Rosa - CO2 Refrigerant Conversion w/Heat Recovery	\$4,410,728	\$4,410,728	\$2,375,007	75.10	Awardee
<b>Total Funding Recommended</b>			<b>\$20,047,591</b>	<b>\$20,047,591</b>	<b>\$13,507,759</b>		
<b>Did Not Pass</b>							
	Pacific Coast Producers	Pacific Coast Producers-Oroville Refrigeration System Conversion	\$970,122	\$0	\$522,369		Did Not Pass
	MillerCoors USA LLC	Natural Gas Displacement with On-site Biogas	\$1,265,008	\$0	\$685,000		Did Not Pass
	Baker Commodities Inc.	Vernon Energy Efficiency Upgrade Program (VEE-UP) Phase 2	\$3,322,443	\$0	\$1,806,750		Did Not Pass
	Bimbo Bakeries, USA, Inc.	Energy Efficiency Gains Through Consolidated Chillers at Multiple Bimbo Bakeries	\$362,600	\$0	\$195,245		Did Not Pass

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Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended*	Match Funds	Score	Award Status
	J&J Snack Foods Corporation of California	J&J Snack Foods Ammonia Refrigeration Optimization and Natural Gas Savings	\$2,605,200	\$0	\$1,402,800		Did Not Pass
	Bimbo Bakeries, USA, Inc.	Energy Efficiency Gains Through Oven Smart Controls at Multiple Bimbo Bakeries	\$1,282,798	\$0	\$690,738		Did Not Pass
	Perdue Foods LLC d/b/a Petaluma Poultry	R22 Refrigeration Conversion to R448A System and Replacement of Evaporator Coils	\$101,000	\$0	\$55,000		Did Not Pass
<b>Total</b>			<b>\$9,909,171</b>	<b>\$0</b>	<b>\$5,357,902</b>		
<b>Disqualified</b>							
	Baker Commodities, Inc.	Kerman Energy Efficiency Upgrade Program (KEE-UP) Phase 2	\$1,125,150	\$0	\$605,850		Disqualified
	Common Collabs LLC	Project Crystal	\$3,459,934	\$0	\$1,863,041		Disqualified
	Prima Frutta Packing, Inc.	Improving Production, Increasing Efficiency and Reducing Emissions Through Innovation	\$6,000,000	\$0	\$2,100,000		Disqualified
<b>Total</b>			<b>\$10,585,084</b>	<b>\$0</b>	<b>\$4,568,891</b>		
<b>Grand Total</b>			<b>\$40,541,846</b>	<b>\$20,047,591</b>	<b>\$23,434,552</b>		

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# California Energy Commission

GFO-19-901

Food Production Investment Program

Tier II: Emerging Technologies

Notice of Proposed Awards

January 17, 2020



Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended*	Match Funds	Score	Award Status
<b>Proposed Awards</b>							
1	Aemetis Advanced Fuels Keyes, Inc.	Aemetis Integrated Microgrid Solution (AIMS) Project	\$8,000,000	\$8,000,000	\$1,552,566	100.50	Awarded
2	California Dairies, Inc. - Turlock South	CDI Turlock South Emissions-Free Thermal System	\$4,002,506	\$4,002,506	\$900,000	95.70	Awarded
3	Anheuser-Busch LLC	Anheuser-Busch Solar Microgrid Project	\$5,771,259	\$5,771,259	\$1,018,457	94.63	Awarded
4	The Neil Jones Food Company	TomaTek Solar Microgrid Project	\$8,000,000	\$8,000,000	\$6,741,357	89.00	Awarded
5	Sun-Maid Growers of California	Raisin Dryer Upgrade	\$5,320,627	\$5,320,627	\$1,544,698	85.40	Awarded
6	California Custom Processing, LLC	California Custom Almond Processing Using a Solar Steam Boiler	\$3,865,631	\$3,865,631	\$966,408	85.00	Awarded

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Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended*	Match Funds	Score	Award Status
7	Gallo Cattle Company DBA Joseph Gallo Farms	Reducing Dairy Farm Environmental Impacts through Renewable Energy Production for Same Site Cheese Processing	\$3,482,450	\$3,482,450	\$614,550	83.38	Awarded
8	Spreckels Sugar Company, Inc.	Spreckels Sugar Company's Solar Microgrid Project	\$2,105,320	\$2,105,320	\$371,527	82.10	Awarded
<b>Total Funding Recommended</b>			<b>\$40,547,793</b>	<b>\$40,547,793</b>	<b>\$13,709,563</b>		
<b>Did Not Pass</b>							
	Pacific Coast Producers	Microgrid and Energy Storage	\$3,378,605	\$0	\$1,470,194		Did Not Pass
	Sun-Maid Growers of California	Sun-Maid Emissions-Free Thermal System	\$2,037,617	\$0	\$360,000		Did Not Pass
	Cordelia Winery LLC	Hybrid System for Wine Production	\$7,255,656	\$0	\$1,106,000		Did Not Pass
	Sunsweet Growers Inc.	Sunsweet Microgrid Project	\$6,258,745	\$0	\$1,133,214		Did Not Pass
<b>Total</b>			<b>\$18,930,623</b>	<b>\$0</b>	<b>\$4,069,408</b>		
<b>Disqualified</b>							
	Sun Financial LLC	Grid Power Electricity Reduction and Vehicle Fleet Electrification through the Implementation of a Solar/Storage Microgrid at Bimbo Bakery Sacramento Facility	\$2,003,840	\$0	\$1,068,221		Disqualified

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Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended*	Match Funds	Score	Award Status
	Sun Financial LLC	Grid Power Electricity Reduction and Vehicle Fleet Electrification through the Implementation of a Solar/Storage Microgrid at Bimbo Bakery Montebello Facility	\$2,069,113	\$0	\$1,114,138		Disqualified
	KrushWerks, LLC	Installation of microgrid at Central Coast-area wine production facility, consisting of 389.3 MW DC solar array and 880 kWh battery storage system	\$2,171,914	\$0	\$383,279		Disqualified
<b>Total</b>			<b>\$6,244,867</b>	<b>\$0</b>	<b>\$2,565,638</b>		
<b>Grand Total</b>			<b>\$65,723,283</b>	<b>\$40,547,793</b>	<b>\$20,344,609</b>		

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