

California Department of Food and Agriculture
2019 Dairy Digester Research and Development Program Applications

General Information				Budget			Biogas End-Use	GHG Reduction (10 years)	Herd Size (Range)*	Score	Was the project funded?
Rank	Project Title	Submitting Organization	Location	Requested Funds	Matching Funds	Total Project Cost		(in MTCO _{2e})			
1	De Boer Dairy Digester Pipeline Project	Maas Energy Works Inc	Tulare	\$ 1,825,261	\$ 1,825,262	\$ 3,650,523	RCNG	191,647	5,001 - 8,000	88.67	Yes
2	Charles Ahlem Ranch Dairy Biogas	California Bioenergy LLC	Merced	\$ 1,373,697	\$ 5,758,275	\$ 7,131,972	RCNG	136,018	3,001 - 5,000	87.00	Yes
3	Double Diamond Dairy Digester Pipeline Project	Maas Energy Works Inc	Merced	\$ 2,037,766	\$ 2,037,766	\$ 4,075,532	RCNG	290,633	8,001 - 11,000	87.00	Yes
4	Ahlem Farms Dairy Biogas	California Bioenergy LLC	Merced	\$ 1,546,738	\$ 4,557,504	\$ 6,104,242	RCNG	153,151	5,001 - 8,000	86.67	Yes
5	Dairyland Farms Dairy Biogas	California Bioenergy LLC	Tulare	\$ 1,760,347	\$ 3,140,466	\$ 4,900,813	RCNG	177,475	3,001 - 5,000	85.00	Yes
6	Maya Dairy Biogas	California Bioenergy LLC	Kern	\$ 2,015,393	\$ 6,954,582	\$ 8,969,975	RCNG	250,090	8,001 - 11,000	85.00	Yes
7	James Ahlem Dairy Biogas	California Bioenergy LLC	Merced	\$ 830,349	\$ 4,861,351	\$ 5,691,700	RCNG	82,216	3,001 - 5,000	85.00	Yes
8	Elkhorn Dairy Biogas	California Bioenergy LLC	Tulare	\$ 2,125,882	\$ 4,520,035	\$ 6,645,917	RCNG	211,940	5,001 - 8,000	84.50	Yes
9	Melo Dairy Digester Pipeline Project	Maas Energy Works Inc	Merced	\$ 2,910,554	\$ 2,910,555	\$ 5,821,109	RCNG	272,690	5,001 - 8,001	84.25	Yes
10	Nyman Brothers Dairy Biogas	California Bioenergy LLC	Merced	\$ 687,006	\$ 4,654,902	\$ 5,341,908	RCNG	68,026	1,001 - 3,000	84.00	Yes
11	Yosemite Jersey Dairy Biogas	California Bioenergy LLC	Merced	\$ 946,644	\$ 4,097,690	\$ 5,044,334	RCNG	93,734	1,001 - 3,001	84.00	Yes
12	Clauss and Sunwest Dairy Biogas	California Bioenergy LLC	Merced	\$ 1,572,301	\$ 4,780,296	\$ 6,352,597	RCNG	155,682	5,001 - 8,001	84.00	Yes
13	Art Leyendekker Dairy Biogas	California Bioenergy LLC	Tulare	\$ 769,784	\$ 2,915,284	\$ 3,685,068	RCNG	77,697	1,001 - 3,001	83.50	Yes
14	Rib-Arrow Dairy Biogas	California Bioenergy LLC	Tulare	\$ 657,231	\$ 3,517,919	\$ 4,175,150	RCNG	76,343	1,001 - 3,001	83.00	Yes
15	McMoo Farms Dairy Biogas	California Bioenergy LLC	Kern	\$ 1,598,893	\$ 2,321,639	\$ 3,920,532	RCNG	164,384	5,001 - 8,001	83.00	Yes

*Herd sizes are presented as ranges. Per Government Code Section 6254(k) and Evidence Code Section 1060, dairy herd sizes are considered confidential and proprietary information by CDFA and accordingly exempt from public disclosure.

California Department of Food and Agriculture
2019 Dairy Digester Research and Development Program Applications

General Information				Budget			Biogas End-Use	GHG Reduction (10 years)	Herd Size (Range)*	Score	Was the project funded?
Rank	Project Title	Submitting Organization	Location	Requested Funds	Matching Funds	Total Project Cost		(in MTCO _{2e})			
16	Albert Goyenette Dairy Biogas	California Bioenergy LLC	Kern	\$ 1,609,316	\$ 6,993,567	\$ 8,602,883	RCNG	199,706	5,001 - 8,001	83.00	Yes
17	Elk Creek Dairy Biogas	California Bioenergy LLC	Tulare	\$ 512,706	\$ 3,596,502	\$ 4,109,208	RCNG	59,555	1,001 - 3,001	82.75	Yes
18	Curtimade Dairy Biogas	California Bioenergy LLC	Tulare	\$ 1,747,336	\$ 3,025,858	\$ 4,773,194	RCNG	174,734	5,001 - 8,001	82.75	Yes
19	Dixie Creek Dairy Digester Pipeline Project	Maas Energy Works Inc	Kings	\$ 2,436,030	\$ 2,436,030	\$ 4,872,060	RCNG	271,176	5,001 - 8,001	82.75	Yes
20	Southpoint Ranch Dairy Biogas	California Bioenergy LLC	Madera	\$ 3,000,000	\$ 13,642,393	\$ 16,642,393	Electricity	484,999	8,001 - 11,000	82.67	Yes
21	Rio Blanco Dairy Biogas	California Bioenergy LLC	Tulare	\$ 1,002,797	\$ 2,556,018	\$ 3,558,815	RCNG	100,886	3,001 - 5,000	82.50	Yes
22	Van Der Hoek Dairy Digester Pipeline Project	Maas Energy Works Inc	Fresno	\$ 2,061,968	\$ 2,061,968	\$ 4,123,936	RCNG	168,447	5,001 - 8,001	82.00	Yes
23	Lakeside Dairy Digester Pipeline Project	Maas Energy Works Inc	Kings	\$ 2,213,063	\$ 2,213,063	\$ 4,426,126	RCNG	218,679	8,001 - 11,000	82.00	Yes
24	Bar 20 Dairy Biogas	California Bioenergy LLC	Fresno	\$ 3,000,000	\$ 13,989,069	\$ 16,989,069	Electricity	374,390	14,001 - 18,000	81.50	Yes
25	GP Dairy Biogas	California Bioenergy LLC	Tulare	\$ 502,554	\$ 2,915,623	\$ 3,418,177	RCNG	50,722	1,001 - 3,000	81.50	Yes
26	Newhouse Dairy Biogas	California Bioenergy LLC	Kern	\$ 1,665,037	\$ 2,945,573	\$ 4,610,610	RCNG	171,098	5,001 - 8,001	81.00	Yes
27	Van Der Kooi Dairy Digester Pipeline Project	Maas Energy Works Inc	Fresno	\$ 1,897,438	\$ 1,897,438	\$ 3,794,876	RCNG	170,089	5,001 - 8,001	81.00	Yes
28	Poplar Lane Dairy Digester Pipeline Project	Maas Energy Works Inc	Kings	\$ 1,756,966	\$ 1,756,966	\$ 3,513,932	RCNG	131,195	5,001 - 8,001	81.00	Yes
29	Ribeiro Dairy Biogas	California Bioenergy LLC	Tulare	\$ 1,124,962	\$ 2,689,080	\$ 3,814,042	RCNG	132,348	5,001 - 8,001	80.75	Yes
30	Whiteside Dairy Biogas	California Bioenergy LLC	Kern	\$ 960,043	\$ 7,190,202	\$ 8,150,245	RCNG	119,137	3,001 - 5,000	80.75	Yes

*Herd sizes are presented as ranges. Per Government Code Section 6254(k) and Evidence Code Section 1060, dairy herd sizes are considered confidential and proprietary information by CDFA and accordingly exempt from public disclosure.

California Department of Food and Agriculture
2019 Dairy Digester Research and Development Program Applications

General Information				Budget			Biogas End-Use	GHG Reduction (10 years)	Herd Size (Range)*	Score	Was the project funded?
Rank	Project Title	Submitting Organization	Location	Requested Funds	Matching Funds	Total Project Cost		(in MTCO _{2e})			
31	Friesian Farms Dairy Biogas	California Bioenergy LLC	Tulare	\$ 639,602	\$ 3,175,183	\$ 3,814,785	RCNG	63,145	5,001 - 8,001	80.50	Yes
32	Skyview Dairy Biogas	California Bioenergy LLC	Kern	\$ 686,620	\$ 7,686,172	\$ 8,372,792	RCNG	85,174	3,001 - 5,000	80.50	Yes
33	Gerben Leyendekker Dairy Biogas	California Bioenergy LLC	Tulare	\$ 845,589	\$ 2,902,768	\$ 3,748,357	RCNG	85,419	5,001 - 8,001	80.50	Yes
34	Northstar Dairy Digester Pipeline Project	Maas Energy Works Inc	Tulare	\$ 1,576,438	\$ 1,576,438	\$ 3,152,876	RCNG	170,658	5,001 - 8,001	80.50	Yes
35	Avalon Dairy Digester Project	Maas Energy Works Inc	Kern	\$ 1,917,757	\$ 1,917,757	\$ 3,835,514	RCNG (trucking)	159,758	3,001 - 5,000	80.50	Yes
36	Southern Cross Dairy Biogas	California Bioenergy LLC	Kern	\$ 1,019,121	\$ 8,072,067	\$ 9,091,188	RCNG	125,872	5,001 - 8,001	80.00	Yes
37	Vanderham Dairy Digester Pipeline Project	Maas Energy Works Inc	Fresno	\$ 1,984,951	\$ 1,984,951	\$ 3,969,902	RCNG	186,037	5,001 - 8,001	80.00	Yes
38	High Roller Dairy Digester Pipeline Project	Maas Energy Works Inc	Kings	\$ 1,412,136	\$ 1,412,136	\$ 2,824,272	RCNG	105,257	3,001 - 5,000	80.00	Yes
39	Hettinga Centralized Dairy Digester Pipeline Project	Maas Energy Works Inc	Tulare	\$ 2,352,909	\$ 2,352,909	\$ 4,705,818	RCNG	167,339	14,001 - 18,000	79.25	Yes
40	Homen Dairy Digester Pipeline Project	Maas Energy Works Inc	Merced	\$ 1,640,419	\$ 1,640,420	\$ 3,280,839	RCNG	124,000	3,001 - 5,000	79.25	Yes
41	Schott Dairy Digester Pipeline Project	Maas Energy Works Inc	Tulare	\$ 1,444,592	\$ 1,444,592	\$ 2,889,184	RCNG	129,082	1,001 - 3,001	79.00	Yes
42	Simoes Centralized Digester Pipeline Project	Maas Energy Works Inc	Tulare	\$ 2,036,460	\$ 2,036,460	\$ 4,072,920	RCNG	161,275	5,001 - 8,001	79.00	Yes
43	Fern Oaks Dairy Digester Pipeline Project	Maas Energy Works Inc	Tulare	\$ 1,688,894	\$ 1,688,894	\$ 3,377,788	RCNG	169,370	3,001 - 5,000	78.75	Yes
Final Funding Recommendation - \$67.39 mi - 43 projects				\$ 67,393,550	\$ 166,653,623	\$234,047,173		6,961,273			
\$67.39 mi is 66.2% of allocation. Remaining funds awarded to AMMP and Demonstration Projects.											

*Herd sizes are presented as ranges. Per Government Code Section 6254(k) and Evidence Code Section 1060, dairy herd sizes are considered confidential and proprietary information by CDFA and accordingly exempt from public disclosure.

California Department of Food and Agriculture
2019 Dairy Digester Research and Development Program Applications

General Information				Budget			Biogas End-Use	GHG Reduction (10 years)	Herd Size (Range)*	Score	Was the project funded?
Rank	Project Title	Submitting Organization	Location	Requested Funds	Matching Funds	Total Project Cost		(in MTCO _{2e})			
44	Capstone Ranch Dairy Biogas	California Bioenergy LLC	Madera	\$ 3,000,000	\$ 6,933,182	\$ 9,933,182	Electricity	251,111	3,001 - 5,000	78.67	No
45	Bear Mountain and J&R Dairy Biogas	California Bioenergy LLC	Kern	\$ 1,920,785	\$ 5,524,103	\$ 7,444,888	RCNG	170,339	11,001 - 14,000	78.00	No
46	JR Dairy Digester Pipeline Project	Maas Energy Works Inc	Tulare	\$ 1,753,185	\$ 1,753,185	\$ 3,506,370	RCNG	168,134	5,001 - 8,001	78.00	No
47	Wilson Dairy Digester Pipeline Project	Maas Energy Works Inc	Fresno	\$ 1,988,938	\$ 1,988,939	\$ 3,977,877	RCNG	184,660	5,001 - 8,001	78.00	No
48	Oliveira Dairy - AAFK Central Dairy Digester Cluster	Aemetis Biogas LLC	Merced	\$ 801,952	\$ 2,357,156	\$ 3,159,108	RCNG	80,995	1,001 - 3,001	77.75	No
49	Mattos Bros Dairy Digester Pipeline Project	Maas Energy Works Inc	Kings	\$ 1,495,277	\$ 1,495,278	\$ 2,990,555	RCNG	106,248	3,001 - 5,000	77.50	No
50	Albert Mendes Dairy - AAFK Central Dairy Digester Cluster	Aemetis Biogas LLC	Stanislaus	\$ 1,337,889	\$ 1,783,890	\$ 3,121,779	RCNG	91,568	1,001 - 3,001	77.33	No
51	Poso Creek Family Dairy Biogas	California Bioenergy LLC	Kern	\$ 3,000,000	\$ 10,090,897	\$ 13,090,897	Electricity	230,855	11,001 - 14,000	76.50	No
52	K&R Blount Dairy - AAFK Central Dairy Digester Cluster	Aemetis Biogas LLC	Stanislaus	\$ 949,585	\$ 1,656,162	\$ 2,605,747	RCNG	59,589	1,001 - 3,001	76.33	No
53	Clearlake Dairy Digester Pipeline Project	Maas Energy Works Inc	Tulare	\$ 1,394,648	\$ 1,394,648	\$ 2,789,296	RCNG	95,510	1,001 - 3,001	76.00	No
54	Wickstrom Jersey Farms - AAFK Central Dairy Digester Cluster	Aemetis Biogas LLC	Merced	\$ 1,258,095	\$ 1,418,261	\$ 2,676,356	RCNG	118,594	3,001 - 5,000	75.33	No
55	Hilmar Holsteins - AAFK Central Dairy Digester Cluster	Aemetis Biogas LLC	Merced	\$ 1,134,737	\$ 1,744,243	\$ 2,878,980	RCNG	107,020	3,001 - 5,000	74.75	No
56	Martins Brothers Dairy Farms - AAFK Central Dairy Digester Cluster	Aemetis Biogas LLC	Merced	\$ 1,467,661	\$ 1,587,900	\$ 3,055,561	RCNG	105,350	3,001 - 5,000	74.25	No
57	S&S Dairy Inc. - AAFK Central Dairy Digester Cluster	Aemetis Biogas LLC	Stanislaus	\$ 1,302,932	\$ 1,992,035	\$ 3,294,967	RCNG	83,904	1,001 - 3,001	73.67	No
58	Ahlem Farms Jerseys - AAFK Central Dairy Digester Cluster	Aemetis Biogas LLC	Stanislaus	\$ 1,534,367	\$ 1,674,367	\$ 3,208,734	RCNG	105,058	3,001 - 5,000	73.25	No

*Herd sizes are presented as ranges. Per Government Code Section 6254(k) and Evidence Code Section 1060, dairy herd sizes are considered confidential and proprietary information by CDFA and accordingly exempt from public disclosure.

California Department of Food and Agriculture
2019 Dairy Digester Research and Development Program Applications

General Information				Budget			Biogas End-Use	GHG Reduction (10 years)	Herd Size (Range)*	Score	Was the project funded?
Rank	Project Title	Submitting Organization	Location	Requested Funds	Matching Funds	Total Project Cost		(in MTCO _{2e})			
59	Morris Family Enterprises - AAFK Central Dairy Digester Cluster	Aemetis Biogas LLC	Stanislaus	\$ 566,234	\$ 1,984,900	\$ 2,551,134	RCNG	36,001	1,001 - 3,001	72.67	No
60	WTE-Tollcrest - Biogas-to-Transportation Fuel	DVO, Inc	Yuba	\$ 1,000,000	\$ 8,900,000	\$ 9,900,000	RCNG	107,644	3,001 - 5,000	72.25	No
61	Borba Dairy Farms - AAFK Central Dairy Digester	Aemetis Biogas LLC	Merced	\$ 1,606,868	\$ 2,988,269	\$ 4,595,137	RCNG	183,714	5,001 - 8,001	71.75	No
62	Lakeshore Dairy Digester Project	Maas Energy Works Inc	Kings	\$ 2,320,882	\$ 2,320,883	\$ 4,641,765	Electricity	121,953	3,001 - 5,000	71.75	No
63	Bar Vee Dairy Inc. - AAFK Central Dairy Digester Cluster	Aemetis Biogas LLC	Stanislaus	\$ 707,041	\$ 1,958,501	\$ 2,665,542	RCNG	38,126	1,001 - 3,001	71.00	No
64	Dairy Central - AAFK Central Dairy Digester Cluster	Aemetis Biogas LLC	Merced	\$ 1,011,857	\$ 2,046,335	\$ 3,058,192	RCNG	115,678	1,001 - 3,001	69.75	No
65	RuAnn Dairy LLC	DVO, Inc	Fresno	\$ 500,000	\$ 5,074,982	\$ 5,574,982	Electricity	56,674	3,001 - 5,000	68.25	No
66	Ahlem Farms Dairy Digester Project	Maas Energy Works Inc	Stanislaus	\$ 2,245,229	\$ 2,245,229	\$ 4,490,458	Electricity	129,838	1,001 - 3,001	63.25	No

*Herd sizes are presented as ranges. Per Government Code Section 6254(k) and Evidence Code Section 1060, dairy herd sizes are considered confidential and proprietary information by CDFA and accordingly exempt from public disclosure.