

California Department of Food and Agriculture
Dairy Digester Research and Development Program
Project-Level Data
Updated 4/9/2024

Year	Project Title	% Funds Disbursed*	Cluster	Developer	Grant Amount	Cost Share**	Biogas End Use	Estimated Annual GHG Emissions Reduction (MTCO2e)	Estimated Total GHG Emissions Reduction 10 yr (MTCO2e)***	\$ Award/GHG	City	County	Start Date	Completion Date
2015	Carlos Echeverria & Sons Dairy Biogas Project	100%	Not Applicable	California Bioenergy	\$1,000,000	\$5,560,375	Electric	20,120	201,200	4.97	Bakersfield	Kern	6/17/2016	2/13/2018
2015	Lakeview Dairy Biogas Digester	100%	Not Applicable	California Bioenergy	\$2,000,000	\$5,128,324	Electric	14,409	144,090	13.88	Bakersfield	Kern	6/17/2016	2/13/2018
2015	Open Sky Ranch Dairy Digester	100%	Not Applicable	Maas Energy Works	\$973,430	\$990,486	Electric	25,891	258,911	3.76	Riverdale	Fresno	7/1/2015	8/11/2016
2015	Verwey-Hanford Dairy Digester	100%	Not Applicable	Maas Energy Works	\$3,000,000	\$3,011,595	Electric	53,577	535,770	5.60	Hanford	Kings	7/1/2015	9/21/2016
2015	Verwey-Madera Dairy Digester	100%	Not Applicable	Maas Energy Works	\$2,281,091	\$2,331,935	Electric	24,000	240,000	9.50	Madera	Madera	7/2/2015	5/25/2017
2015	West-Star North Dairy Biogas	100%	Not Applicable	California Bioenergy	\$1,837,005	\$6,381,069	Electric	15,873	158,730	11.57	Buttonwillow	Kern	7/1/2015	2/13/2018
2017	Bos Farms Dairy Biogas	100%	South Tulare	California Bioenergy	\$1,500,000	\$5,199,492	RCNG	16,840	168,398	8.91	Tulare	Tulare	10/1/2017	5/28/2021
2017	Circle A Dairy Digester Fuel Pipeline	100%	Calgren	Maas Energy Works	\$1,050,000	\$1,429,945	RCNG	13,875	138,745	7.57	Pixley	Tulare	10/1/2017	9/18/2018
2017	Cloverdale Dairy Biogas	100%	Hanford	California Bioenergy	\$3,000,000	\$5,955,939	RCNG	36,085	360,851	8.31	Hanford	Kings	10/1/2017	5/18/2021
2017	Hamstra Dairy Biogas	100%	West Visalia	California Bioenergy	\$2,000,000	\$6,630,543	RCNG	20,512	205,115	9.75	Tulare	Tulare	10/1/2017	9/14/2020
2017	Hollandia Dairy Biogas	100%	Hanford	California Bioenergy	\$1,500,000	\$6,264,272	RCNG	17,843	178,426	8.41	Hanford	Kings	10/1/2017	5/18/2021
2017	K&M Visser Dairy Digester Fuel Pipeline Project	100%	Calgren	Maas Energy Works	\$1,500,000	\$1,902,047	RCNG	20,555	205,553	7.30	Pixley	Tulare	10/1/2017	9/3/2019
2017	Legacy Dairy Biogas	100%	Calgren	Maas Energy Works	\$1,550,000	\$1,887,320	RCNG	20,721	207,209	7.48	Pixley	Tulare	10/1/2017	1/22/2019
2017	Maple Dairy Biogas	100%	Kern	California Bioenergy	\$3,000,000	\$6,568,257	RCNG	34,259	342,587	8.76	Bakersfield	Kern	10/1/2017	8/25/2020
2017	Moonlight Dairy Biogas	100%	West Visalia	California Bioenergy	\$1,500,000	\$6,440,123	RCNG	15,483	154,834	9.69	Visalia	Tulare	10/1/2017	9/15/2020
2017	Pixley Dairy Digester Fuel Pipeline Project	100%	Calgren	Maas Energy Works	\$1,600,000	\$1,675,681	RCNG	21,532	215,321	7.43	Tipton	Tulare	10/1/2017	11/18/2021
2017	R. Vander Eyk Dairy Digester Fuel Pipeline	100%	Calgren	Maas Energy Works	\$1,000,000	\$1,604,440	RCNG	13,259	132,586	7.54	Pixley	Tulare	10/1/2017	12/28/2018
2017	Rancho Teresita Dairy Biogas	100%	South Tulare	California Bioenergy	\$2,100,000	\$5,500,336	RCNG	23,625	236,251	8.89	Tulare	Tulare	10/1/2017	5/27/2021
2017	S&S Dairy Biogas	100%	West Visalia	California Bioenergy	\$1,600,000	\$5,238,833	RCNG	16,742	167,417	9.56	Visalia	Tulare	10/1/2017	9/21/2020
2017	T&W Dairy Biogas	100%	Kern	California Bioenergy	\$2,600,000	\$6,147,941	RCNG	29,498	294,982	8.81	Bakersfield	Kern	10/1/2017	8/25/2020
2017	Trilogy Dairy Biogas	100%	Kern	California Bioenergy	\$2,250,000	\$6,528,090	RCNG	25,458	254,577	8.84	Bakersfield	Kern	10/1/2017	8/25/2020
2017	Wreden Ranch Dairy Biogas	100%	Hanford	California Bioenergy	\$3,000,000	\$5,215,483	RCNG	39,392	393,915	7.62	Hanford	Kings	10/1/2017	5/18/2021
2018	4K Dairy Digester Pipeline Project	100%	Calgren	Maas Energy Works	\$1,780,588	\$1,875,566	RCNG	19,214	192,143	9.27	Pixley	Tulare	7/1/2018	1/24/2020
2018	Ackerman Dairy Digester Pipeline Project	100%	Aemetis Advanced Fuels Keyes	Maas Energy Works	\$1,331,291	\$1,581,769	RCNG	8,957	89,574	14.86	Ceres	Stanislaus	7/1/2018	8/30/2020
2018	Aukeman Dairy Biogas	100%	South Tulare	California Bioenergy	\$1,765,457	\$3,072,438	RCNG	20,770	207,701	8.50	Tulare	Tulare	7/1/2018	4/28/2021

*Based on % request grant funds invoiced per quarter and quarterly reports
**Cost share may be subjected to change
***Based on expected project life

California Department of Food and Agriculture
Dairy Digester Research and Development Program
Project-Level Data
Updated 4/9/2024

Year	Project Title	% Funds Disbursed*	Cluster	Developer	Grant Amount	Cost Share**	Biogas End Use	Estimated Annual GHG Emissions Reduction (MTCO2e)	Estimated Total GHG Emissions Reduction 10 yr (MTCO2e)***	\$ Award/GHG	City	County	Start Date	Completion Date
2018	Belonave Dairy Biogas LLC	100%	Kern	California Bioenergy	\$1,918,099	\$3,561,605	RCNG	22,566	225,659	8.50	Bakersfield	Kern	7/1/2018	9/30/2021
2018	BV Dairy Biogas	100%	Kern	California Bioenergy	\$1,749,596	\$5,130,445	RCNG	20,584	205,835	8.50	Bakersfield	Kern	7/1/2018	9/18/2020
2018	Cornerstone Dairy Digester Pipeline Project	100%	Calgren	Maas Energy Works	\$1,266,053	\$1,275,663	RCNG	18,524	185,238	6.83	Tipton	Tulare	7/1/2018	4/29/2019
2018	De Groot North Dairy Biogas	9%	West Visalia	California Bioenergy	\$1,442,440	\$2,401,778	RCNG	Project canceled ^d at the request of the recipient (\$47,219.74 disbursed and returned to CDFA)						
2018	De Groot South Dairy Biogas	100%	Not Applicable	California Bioenergy	\$1,542,697	\$1,581,310	Electric	19,948	199,477	7.73	Hanford	Kings	7/1/2018	9/29/2023
2018	Decade Centralized Dairy Digester Pipeline Project	100%	Hanford-Lakeside	Maas Energy Works	\$1,773,587	\$2,176,364	RCNG	19,256	192,558	9.21	Tulare	Tulare	7/1/2018	7/8/2021
2018	DJ South Dairy Digester Pipeline Project	100%	Merced-South	Maas Energy Works	\$1,810,526	\$1,859,833	RCNG	15,018	150,175	12.06	Merced	Merced	7/1/2018	12/31/2023
2018	Double D Dairy Digester Pipeline Project	100%	Aemetis Advanced Fuels Keyes	Maas Energy Works	\$1,822,668	\$2,225,662	RCNG	18,985	189,850	9.60	Ceres	Stanislaus	9/6/2018	9/14/2020
2018	Double J Dairy Biogas	100%	North Visalia	California Bioenergy	\$2,426,716	\$5,051,199	RCNG	28,550	285,496	8.50	Visalia	Tulare	7/1/2018	4/21/2021
2018	Double L Dairy Digester Pipeline Project	100%	Hanford-Lakeside	Maas Energy Works	\$1,762,347	\$1,767,556	RCNG	13,615	136,148	12.94	Merced	Kings	7/1/2018	7/21/2022
2018	Dykstra Dairy Biogas	100%	South Tulare	California Bioenergy	\$2,260,454	\$3,276,239	RCNG	26,594	265,936	8.50	Tulare	Tulare	7/1/2018	4/28/2021
2018	El Monte Dairy Biogas	100%	South Tulare	California Bioenergy	\$1,010,674	\$3,026,715	RCNG	11,890	118,903	8.50	Tipton	Tulare	10/1/2018	6/4/2021
2018	Five H Dairy Digester Pipeline Project	100%	Merced-South	Maas Energy Works	\$1,851,297	\$1,859,722	RCNG	12,218	122,183	15.15	Merced	Merced	7/1/2018	12/8/2021
2018	FM Jerseys Dairy Digester Virtual Pipeline Project	100%	Calgren	Maas Energy Works	\$2,010,747	\$2,017,330	RCNG	16,196	161,960	12.42	Tipton	Tulare	7/1/2018	3/8/2021
2018	Hoogendam Dairy Digester Pipeline Project	100%	Merced-South	Maas Energy Works	\$1,809,452	\$1,820,121	RCNG	14,235	142,354	12.71	Chowchilla	Merced	7/1/2018	4/26/2022
2018	Horizon Jersey Dairy Biogas	100%	South Tulare	California Bioenergy	\$2,850,886	\$3,788,728	RCNG	33,540	335,398	8.50	Tipton	Tulare	7/1/2018	4/28/2021
2018	Jacobus De Groot #2 Dairy Biogas	100%	North Visalia	California Bioenergy	\$523,736	\$2,624,086	RCNG	6,162	61,616	8.50	Visalia	Tulare	7/1/2018	5/20/2021
2018	Little Rock Centralized Dairy Digester Pipeline Project	100%	Calgren	Maas Energy Works	\$2,096,578	\$2,268,895	RCNG	14,684	146,839	14.28	Tipton	Tulare	7/1/2018	2/6/2020
2018	Lone Oak #1 Dairy Digester Pipeline Project	100%	Hanford-Lakeside	Maas Energy Works	\$1,869,269	\$2,395,596	RCNG	24,770	247,703	7.55	Hanford	Kings	7/1/2018	3/16/2021
2018	Meirinho Dairy Digester Pipeline Project	100%	Merced-South	Maas Energy Works	\$1,832,358	\$1,975,914	RCNG	14,735	147,352	12.44	Merced	Merced	7/1/2018	9/12/2022
2018	Mellema Dairy Biogas	100%	North Visalia	California Bioenergy	\$1,292,485	\$3,342,228	RCNG	15,206	152,057	8.50	Visalia	Tulare	7/1/2018	5/14/2021
2018	Miley Way Dairy Biogas	10%	North Visalia	California Bioenergy	\$2,953,427	\$4,244,794	RCNG	Project canceled ^d at the request of the recipient (\$198,050.77 disbursed and returned to CDFA)						
2018	Mineral King Dairy Biogas	100%	North Visalia	California Bioenergy	\$1,655,384	\$3,078,995	RCNG	19,475	194,751	8.50	Visalia	Tulare	7/1/2018	5/13/2021
2018	Rancho Sierra Vista Dairy Biogas	100%	North Visalia	California Bioenergy	\$1,470,143	\$3,045,546	RCNG	17,296	172,958	8.50	Visalia	Tulare	7/1/2018	5/20/2021
2018	Red Rock Dairy Digester Pipeline Project	100%	Merced-South	Maas Energy Works	\$2,031,126	\$2,039,438	RCNG	15,624	156,242	13.00	Merced	Merced	7/1/2018	12/8/2021

*Based on % request grant funds invoiced per quarter and quarterly reports
**Cost share may be subjected to change
***Based on expected project life
^dCancelled- grant agreement was cancelled

California Department of Food and Agriculture
Dairy Digester Research and Development Program
Project-Level Data
Updated 4/9/2024

Year	Project Title	% Funds Disbursed*	Cluster	Developer	Grant Amount	Cost Share**	Biogas End Use	Estimated Annual GHG Emissions Reduction (MTCO2e)	Estimated Total GHG Emissions Reduction 10 yr (MTCO2e)***	\$ Award/GHG	City	County	Start Date	Completion Date
2018	River Ranch Dairy Digester Pipeline Project	100%	Hanford-Lakeside	Maas Energy Works	\$1,994,860	\$2,115,158	RCNG	18,788	187,884	10.62	Hanford	Kings	7/1/2018	3/10/2021
2018	Riverbend Dairy Biogas	100%	South Tulare	California Bioenergy	\$2,090,404	\$2,664,638	RCNG	24,593	245,930	8.50	Tulare	Tulare	7/1/2018	5/27/2021
2018	Riverview Dairy Digester Pipeline Project	100%	Calgren	Maas Energy Works	\$1,332,070	\$1,386,350	RCNG	9,009	90,093	14.79	Pixley	Tulare	7/1/2018	11/20/2019
2018	Rob Van Grouw Dairy Biogas	100%	North Visalia	California Bioenergy	\$1,193,757	\$3,366,012	RCNG	14,044	140,442	8.50	Visalia	Tulare	7/1/2018	4/21/2021
2018	Rocking Horse Dairy Biogas	100%	Hanford	California Bioenergy	\$1,016,091	\$1,172,419	RCNG	11,954	119,540	8.50	Hanford	Kings	7/1/2018	8/30/2022
2018	Rockshar Dairy Digester Pipeline Project	100%	Merced-South	Maas Energy Works	\$1,679,093	\$1,679,620	RCNG	12,466	124,664	13.47	Merced	Merced	7/1/2018	4/8/2022
2018	Scheenstra Dairy Biogas	100%	South Tulare	California Bioenergy	\$1,873,064	\$3,393,707	RCNG	22,036	220,360	8.50	Tulare	Tulare	11/21/2018	6/15/2021
2018	Sousa & Sousa Dairy Digester Pipeline Project	100%	Calgren	Maas Energy Works	\$886,934	\$892,931	RCNG	6,870	68,700	12.91	Tipton	Tulare	7/1/2018	7/17/2019
2018	Udder Dairy Biogas	100%	West Visalia	California Bioenergy	\$1,153,459	\$2,126,156	RCNG	13,571	135,706	8.50	Visalia	Tulare	7/1/2018	5/11/2021
2018	Valadao Dairy Biogas	100%	Hanford	California Bioenergy	\$1,028,545	\$2,061,008	RCNG	12,101	121,005	8.50	Hanford	Kings	7/1/2018	5/18/2021
2018	Vander Poel Dairy Digester Pipeline Project	100%	Calgren	Maas Energy Works	\$1,972,485	\$2,222,073	RCNG	29,006	290,060	6.80	Pixley	Tulare	7/1/2018	8/6/2019
2018	Vander Woude Dairy Digester Pipeline Project	100%	Merced-South	Maas Energy Works	\$1,863,562	\$1,863,864	RCNG	18,858	188,575	9.88	Merced	Merced	7/1/2018	12/8/2021
2018	Vista Verde Dairy Digester Pipeline Project	100%	Merced-South	Maas Energy Works	\$1,594,109	\$1,643,656	RCNG	14,065	140,653	11.33	Merced	Merced	7/1/2018	3/21/2022
2018	Western Sky Dairy Biogas	100%	Kern	California Bioenergy	\$2,820,762	\$5,315,518	RCNG	35,260	352,595	8.00	Bakersfield	Kern	7/1/2018	1/11/2021
2019	Ahlem Farms Dairy Biogas	90%	Hilmar	California Bioenergy	\$1,546,738	\$4,557,504	RCNG	15,315	153,151	10.10	Hilmar	Merced	12/1/2019	1/31/2026
2019	Albert Goyenette Dairy Biogas	100%	Buttonwillow	California Bioenergy	\$1,609,316	\$3,588,642	RCNG	19,971	199,706	8.06	Buttonwillow	Kern	12/1/2019	1/27/2022
2019	Art Leyendekker Dairy Biogas	100%	North Visalia	California Bioenergy	\$769,784	\$2,612,103	RCNG	7,770	77,697	9.91	Visalia	Tulare	12/1/2019	3/31/2023
2019	Avalon Dairy Digester Project	100%	Calgren	Maas Energy Works	\$1,917,757	\$2,068,459	RCNG	15,976	159,758	12.00	Wasco	Kern	12/1/2019	1/3/2023
2019	Bar 20 Dairy Biogas	100%	Not Applicable	California Bioenergy	\$3,000,000	\$6,345,131	Electric	37,439	374,390	8.01	Kerman	Fresno	12/1/2019	10/9/2021
2019	Charles Ahlem Ranch Dairy Biogas	90%	Hilmar	California Bioenergy	\$1,373,697	\$5,758,275	RCNG	13,602	136,018	10.10	Hilmar	Merced	12/1/2019	1/31/2026
2019	Clauss and Sunwest Dairy Biogas	90%	Hilmar	California Bioenergy	\$1,572,301	\$4,780,296	RCNG	15,568	155,682	10.10	Hilmar	Merced	12/1/2019	1/31/2026
2019	Curtimade Dairy Biogas	90%	South Tulare	California Bioenergy	\$1,747,336	\$3,025,858	RCNG	17,473	174,734	10.00	Tulare	Tulare	12/1/2019	1/31/2026
2019	Dairyland Farms Dairy Biogas	100%	South Tulare	California Bioenergy	\$1,760,347	\$1,916,051	RCNG	17,748	177,475	9.92	Tipton	Tulare	12/1/2019	2/10/2023
2019	De Boer Dairy Digester Pipeline Project	100%	Calgren	Maas Energy Works	\$1,825,261	\$2,306,773	RCNG	19,165	191,647	9.52	Tulare	Tulare	12/1/2019	8/23/2023
2019	Dixie Creek Dairy Digester Pipeline Project	100%	Lakeside	Maas Energy Works	\$2,436,030	\$2,473,632	RCNG	27,118	271,176	8.98	Hanford	Kings	12/1/2019	3/10/2021

*Based on % request grant funds invoiced per quarter and quarterly reports
**Cost share may be subjected to change
***Based on expected project life

California Department of Food and Agriculture
Dairy Digester Research and Development Program
Project-Level Data
Updated 4/9/2024

Year	Project Title	% Funds Disbursed*	Cluster	Developer	Grant Amount	Cost Share**	Biogas End Use	Estimated Annual GHG Emissions Reduction (MTCO2e)	Estimated Total GHG Emissions Reduction 10 yr (MTCO2e)***	\$ Award/GHG	City	County	Start Date	Completion Date
2019	Double Diamond Dairy Digester Pipeline Project	100%	Merced	Maas Energy Works	\$2,037,766	\$2,578,783	RCNG	29,063	290,633	7.01	El Nido	Merced	12/1/2019	5/24/2022
2019	Elk Creek Dairy Biogas	100%	South Tulare	California Bioenergy	\$512,706	\$2,247,274	RCNG	5,956	59,555	8.61	Tulare	Tulare	12/1/2019	2/28/2022
2019	Elkhorn Dairy Biogas	90%	North Visalia	California Bioenergy	\$2,125,882	\$4,520,035	RCNG	21,194	211,940	10.03	Dinuba	Tulare	12/1/2019	1/31/2026
2019	Fern Oaks Dairy Digester Pipeline Project	100%	Calgren	Maas Energy Works	\$1,688,894	\$2,590,692	RCNG	16,937	169,370	9.97	Porterville	Tulare	12/1/2019	5/11/2023
2019	Flint Dairy Biogas Project (DDRDP Demo)	0%	Not Applicable	ENV-TWO LLC	\$1,750,000	\$3,974,782	RCNG	Project canceled [§] at the request of the recipient (No money was expended)						
2019	Friesian Farms Dairy Biogas	100%	South Tulare	California Bioenergy	\$639,602	\$2,365,670	RCNG	6,315	63,145	10.13	Tulare	Tulare	12/1/2019	1/3/2023
2019	Gerben Leyendekker Dairy Biogas	100%	North Visalia	California Bioenergy	\$845,589	\$2,320,839	RCNG	8,542	85,419	9.90	Visalia	Tulare	12/1/2019	5/31/2022
2019	GP Dairy Biogas	4%	North Visalia	California Bioenergy	\$502,554	\$2,915,623	RCNG	Project canceled [§] at the request of the recipient (\$19,781.94 disbursed and returned to CDFA)						
2019	Hettinga Centralized Dairy Digester Pipeline Project	100%	Calgren	Maas Energy Works	\$2,352,909	\$2,576,784	RCNG	16,734	167,339	14.06	Pixley	Tulare	12/1/2019	10/26/2021
2019	High Roller Dairy Digester Pipeline Project	100%	Lakeside	Maas Energy Works	\$1,412,136	\$2,117,667	RCNG	10,526	105,257	13.42	Hanford	Kings	12/1/2019	3/13/2023
2019	Homen Dairy Digester Pipeline Project	100%	Merced	Maas Energy Works	\$1,640,419	\$1,755,673	RCNG	12,400	124,000	13.23	Merced	Merced	12/1/2019	8/10/2023
2019	James Ahlem Dairy Biogas	90%	Hilmar	California Bioenergy	\$830,349	\$4,861,351	RCNG	8,222	82,216	10.10	Hilmar	Merced	12/1/2019	1/31/2026
2019	Lakeside Dairy Digester Pipeline Project	100%	Lakeside	Maas Energy Works	\$2,213,063	\$2,738,518	RCNG	21,868	218,679	10.12	Hanford	Kings	12/1/2019	1/31/2022
2019	Maya Dairy Biogas	100%	Buttonwillow	California Bioenergy	\$2,015,393	\$2,938,894	RCNG	25,009	250,090	8.06	Buttonwillow	Kern	12/1/2019	3/3/2022
2019	McMoo Farms Dairy Biogas	100%	Kern	California Bioenergy	\$1,598,893	\$3,013,668	RCNG	16,438	164,384	9.73	Bakersfield	Kern	12/1/2019	7/15/2021
2019	Melo Dairy Digester Pipeline Project	90%	Merced	Maas Energy Works	\$2,910,554	\$2,910,555	RCNG	27,269	272,690	10.67	Merced	Merced	12/1/2019	3/31/2026
2019	Newhouse Dairy Biogas	100%	Kern	California Bioenergy	\$1,665,037	\$3,982,045	RCNG	17,110	171,098	9.73	Bakersfield	Kern	12/1/2019	7/15/2021
2019	Northstar Dairy Digester Pipeline Project	100%	Calgren	Maas Energy Works	\$1,576,438	\$1,638,113	RCNG	17,066	170,658	9.24	Tipton	Tulare	12/1/2019	8/19/2021
2019	Nyman Brothers Dairy Biogas	90%	Hilmar	California Bioenergy	\$687,006	\$4,654,902	RCNG	6,803	68,026	10.10	Hilmar	Merced	12/1/2019	1/31/2026
2019	Poplar Lane Dairy Digester Pipeline Project	100%	Lakeside	Maas Energy Works	\$1,756,966	\$2,181,681	RCNG	13,120	131,195	13.39	Hanford	Kings	12/1/2019	1/5/2023
2019	Rib-Arrow Dairy Biogas	100%	South Tulare	California Bioenergy	\$657,231	\$3,069,649	RCNG	7,634	76,343	8.61	Tulare	Tulare	12/1/2019	1/31/2022
2019	Ribeiro Dairy Biogas	100%	South Tulare	California Bioenergy	\$1,124,962	\$1,613,882	RCNG	13,235	132,348	8.50	Tulare	Tulare	12/1/2019	11/23/2021
2019	Rio Blanco Dairy Biogas	100%	South Tulare	California Bioenergy	\$1,002,797	\$2,903,422	RCNG	10,089	100,886	9.94	Tulare	Tulare	12/1/2019	2/9/2023
2019	Schott Dairy Digester Pipeline Project	100%	Calgren	Maas Energy Works	\$1,444,592	\$1,527,538	RCNG	12,908	129,082	11.19	Tipton	Tulare	12/1/2019	10/29/2021
2019	Simoes Centralized Digester Pipeline Project	100%	Calgren	Maas Energy Works	\$2,036,460	\$2,043,922	RCNG	16,128	161,275	12.63	Tipton	Tulare	12/1/2019	8/1/2022

*Based on % request grant funds invoiced per quarter and quarterly reports
**Cost share may be subjected to change
***Based on expected project life
§Cancelled- grant agreement was cancelled

California Department of Food and Agriculture
Dairy Digester Research and Development Program
Project-Level Data
Updated 4/9/2024

Year	Project Title	% Funds Disbursed*	Cluster	Developer	Grant Amount	Cost Share**	Biogas End Use	Estimated Annual GHG Emissions Reduction (MTCO2e)	Estimated Total GHG Emissions Reduction 10 yr (MTCO2e)***	\$ Award/GHG	City	County	Start Date	Completion Date
2019	Skyview Dairy Biogas	100%	Buttonwillow	California Bioenergy	\$686,620	\$3,799,476	RCNG	8,517	85,174	8.06	Shafter	Kern	12/1/2019	1/27/2022
2019	Southern Cross Dairy Biogas	100%	Buttonwillow	California Bioenergy	\$1,019,121	\$4,601,953	RCNG	12,587	125,872	8.10	Buttonwillow	Kern	12/1/2019	3/18/2022
2019	Southpoint Ranch Dairy Biogas	100%	Not Applicable	California Bioenergy	\$3,000,000	\$8,219,174	Electric	48,500	484,999	6.19	Madera	Madera	12/1/2019	12/14/2023
2019	Van Der Hoek Dairy Digester Pipeline Project	100%	Five Points	Maas Energy Works	\$2,061,968	\$2,721,799	RCNG	16,845	168,447	12.24	Helm	Fresno	12/1/2019	2/13/2023
2019	Van Der Kooi Dairy Digester Pipeline Project	100%	Five Points	Maas Energy Works	\$1,897,438	\$2,052,493	RCNG	17,009	170,089	11.16	Riverdale	Fresno	12/1/2019	1/31/2022
2019	Vanderham Dairy Digester Pipeline Project	100%	Five Points	Maas Energy Works	\$1,984,951	\$2,090,233	RCNG	18,604	186,037	10.67	Riverdale	Fresno	12/1/2019	1/31/2022
2019	Whiteside Dairy Biogas	100%	Buttonwillow	California Bioenergy	\$960,043	\$3,773,726	RCNG	11,914	119,137	8.06	Wasco	Kern	12/1/2019	1/27/2022
2019	Yosemite Jersey Dairy Biogas	18%	Hilmar	California Bioenergy	\$946,644	\$4,997,690	RCNG	Project canceled ^d at the request of the recipient (\$167,312.49 disbursed and returned to CDFA)						
2020	Ahlem Farms Dairy Digester Project	90%	Merced	Maas Energy Works	\$1,195,000	\$3,130,536	RCNG	16,776	167,761	7.12	Denair	Stanislaus	2/1/2021	3/31/2026
2020	Ahlem Farms Jerseys - AAFK Central Dairy Digester Cluster	100%	Aemetis Advanced Fuels Keyes	Aemetis Biogas	\$1,592,287	\$1,672,003	RCNG	11,398	113,979	13.97	Crows Landing	Stanislaus	2/1/2021	6/4/2022
2020	Albert Mendes Dairy - AAFK Central Dairy Digester Cluster	100%	Aemetis Advanced Fuels Keyes	Aemetis Biogas	\$1,388,241	\$2,138,645	RCNG	9,937	99,372	13.97	Crows Landing	Stanislaus	2/1/2021	6/27/2023
2020	Boschma Dairy Biogas	0%	Not Applicable	California Bioenergy	\$1,723,302	\$4,819,704	RCNG	18,995	189,947	9.07	Wasco	Kern	2/1/2021	1/31/2026
2020	JDS Ranch Digester Project	76%	Calgren	Maas Energy Works	\$1,600,000	\$3,044,536	RCNG	15,908	159,082	10.06	Wasco	Kern	2/1/2021	3/31/2026
2020	JR Dairy Digester Project	100%	Calgren	Maas Energy Works	\$1,300,000	\$1,567,224	RCNG	19,105	191,049	6.80	Tipton	Tulare	2/1/2021	4/8/2022
2020	Oliveira Dairy - AAFK Central Dairy Digester Cluster	4%	Aemetis Advanced Fuels Keyes	Aemetis Biogas	\$1,056,977	\$2,103,160	RCNG	8,086	80,857	13.07	Hilmar	Merced	2/1/2021	9/30/2024
2020	Poso Creek Dairy Biogas	0%	Not Applicable	California Bioenergy	\$1,464,930	\$5,344,556	RCNG	17,185	171,854	8.52	Wasco	Kern	2/1/2021	1/31/2026
2020	S&S Dairy - AAFK Central Dairy Digester Cluster	100%	Aemetis Advanced Fuels Keyes	Aemetis Biogas	\$1,271,396	\$2,007,109	RCNG	9,095	90,946	13.98	Ceres	Stanislaus	2/1/2021	2/20/2023
2020	Trinkler Dairy - AAFK Central Dairy Digester Cluster	100%	Aemetis Advanced Fuels Keyes	Aemetis Biogas	\$1,194,840	\$1,518,621	RCNG	8,553	85,529	13.97	Ceres	Stanislaus	2/1/2021	2/27/2023
2020	Wickstrom Jersey Farms - AAFK Central Dairy Digester Cluster	100%	Aemetis Advanced Fuels Keyes	Aemetis Biogas	\$1,342,980	\$1,361,430	RCNG	12,135	121,350	11.07	Hilmar	Merced	2/1/2021	3/22/2024
2020	Wilson Dairy Digester Project	100%	Five Points	Maas Energy Works	\$1,400,000	\$2,060,714	RCNG	20,675	206,745	6.77	Riverdale	Fresno	2/1/2021	9/27/2022
2022	3 Machados Dairy Digester Project	34%	Merced	Maas Energy Works	\$1,200,000	\$3,527,795	RCNG	15,844	158,441	7.57	Merced	Merced	1/1/2023	3/31/2026
2022	Bar Mac Dairy Biogas	53%	Gustine	California Bioenergy LLC	\$912,352	\$6,844,732	RCNG	9,124	91,235	10.00	Gustine	Merced	1/1/2023	12/31/2024
2022	CDF Howard Dairy Digester Project	0%	Merced	Maas Energy Works	\$1,600,000	\$8,102,501	RCNG	31,659	316,585	5.05	Livingston	Merced	1/1/2023	3/31/2026
2022	Couco Creek Dairy Digester Project	42%	Merced	Maas Energy Works	\$1,600,000	\$4,275,216	RCNG	15,526	155,255	10.31	Turlock	Stanislaus	1/1/2023	3/31/2026
2022	Grand View Dairy Digester Project	0%	Merced	Maas Energy Works	\$1,600,000	\$4,414,535	RCNG	13,210	132,103	12.11	Le Grand	Merced	1/1/2023	3/31/2026

*Based on % request grant funds invoiced per quarter and quarterly reports
**Cost share may be subjected to change
***Based on expected project life
^dCancelled- grant agreement was cancelled

California Department of Food and Agriculture
Dairy Digester Research and Development Program
Project-Level Data
Updated 4/9/2024

Year	Project Title	% Funds Disbursed*	Cluster	Developer	Grant Amount	Cost Share**	Biogas End Use	Estimated Annual GHG Emissions Reduction (MTCO2e)	Estimated Total GHG Emissions Reduction 10 yr (MTCO2e)***	\$ Award/GHG	City	County	Start Date	Completion Date
2022	Lakeshore Dairy Digester	3%	Merced	Maas Energy Works	\$1,600,000	\$3,972,072	RCNG	15,922	159,224	10.05	Hanford	Kings	2/15/2023	3/31/2027
2022	LegenDairy Digester Project	43%	Calgren	Maas Energy Works	\$1,200,000	\$3,940,407	RCNG	11,393	113,934	10.53	Tipton	Tulare	1/1/2023	6/30/2025
2022	Lerda-Goni Farms Biogas	29%	South Tulare	California Bioenergy LLC	\$502,448	\$3,988,935	RCNG	4,568	45,677	11.00	Tulare	Tulare	1/1/2023	12/31/2024
2022	Martins View Jersey Dairy Biogas	20%	Gustine	California Bioenergy LLC	\$818,216	\$5,905,782	RCNG	8,182	81,822	10.00	Gustine	Merced	1/1/2023	12/31/2024
2022	Mattos Bros Dairy Digester Project	29%	Lakeside	Maas Energy Works	\$1,600,000	\$2,732,819	RCNG	11,902	119,017	13.44	Hanford	Kings	1/1/2023	3/31/2026
2022	Meirinho West Dairy Digester Project	0%	Merced	Maas Energy Works	\$1,600,000	\$3,816,266	RCNG	16,695	166,952	9.58	Modesto	Stanislaus	1/1/2023	3/31/2027
2022	P&M Dairy and VP Farms Biogas	40%	South Tulare	California Bioenergy LLC	\$1,546,564	\$4,626,524	RCNG	15,466	154,656	10.00	Tipton	Tulare	1/1/2023	12/31/2024
2022	River Rock Dairy Digester Project	0%	Merced	Maas Energy Works	\$1,600,000	\$4,115,962	RCNG	10,484	104,835	15.26	Stevinson	Stanislaus	2/15/2023	3/31/2026
2022	Top O' The Morn Farms Biogas	71%	South Tulare	California Bioenergy LLC	\$1,332,252	\$3,923,771	RCNG	13,210	132,103	10.08	Tulare	Tulare	1/1/2023	12/31/2024
2023	(1) Blue Sky Dairy Digester Project	0%	Merced	Maas Energy Works	\$1,000,000	\$7,374,475	RCNG	20,359	203,589	4.91	Atwater	Merced	3/1/2024	3/1/2026
2023	Dairy Avenue and Circle H Biogas LLC	0%	NA	California Bioenergy LLC	\$1,600,000	\$8,667,957	RCNG	22,671	226,707	7.06	Corcoran	Kings	3/1/2024	8/31/2026
2023	Moonstone Biogas LLC	0%	West Visalia	California Bioenergy LLC	\$1,600,000	\$4,102,695	RCNG	12,747	127,474	12.55	Hanford	Kings	3/1/2024	8/31/2026
2023	DeJager North Biogas LLC	0%	NA	California Bioenergy LLC	\$1,600,000	\$10,838,371	Electricity	34,687	346,872	4.61	Chowchilla	Merced	3/1/2024	8/31/2026
2023	(7) Brasil Dairy Digesster Project	0%	Turlock	Maas Energy Works	\$1,600,000	\$8,266,008	RCNG	18,507	185,068	8.65	Turlock	Stanislaus	3/1/2024	8/31/2026
2023	Delta View Biogas LLC	0%	West Visalia	California Bioenergy LLC	\$1,600,000	\$3,317,273	RCNG	12,123	121,229	13.20	Visalia	Tulare	3/1/2024	8/31/2026
2023	Hidden Valley Biogas LLC	0%	Gustine	California Bioenergy LLC	\$1,150,000	\$6,316,000	RCNG	11,969	119,686	9.61	Gustine	Merced	3/1/2024	8/31/2026
2023	Felicita Dairy Biogas LLC	0%	South Tulare	California Bioenergy LLC	\$1,300,000	\$4,613,649	RCNG	12,487	124,869	10.41	Tulare	Kings	3/1/2024	3/1/2026
2023	HD Ranch Biogas LLC	0%	NA	California Bioenergy LLC	\$1,600,000	\$5,004,015	RCNG	18,956	189,562	8.44	Dixon	Solano	3/1/2024	8/31/2026
2023	(2) Coelho Dairy Digester Project	0%	Merced	Maas Energy Works	\$1,000,000	\$3,158,248	RCNG	8,557	85,573	11.69	El Nido	Merced	3/1/2024	3/1/2026
2023	Barcellos/Brasil Centralized Dairy Digester	0%	Calgren	Maas Energy Works	\$1,600,000	\$5,646,260	RCNG	9,699	96,990	16.50	Tipton	Tulare	3/1/2024	8/31/2026
	Total	140 projects			\$226,691,072	\$489,318,240		2,456,253	24,562,527					

*Based on % request grant funds invoiced per quarter and quarterly reports
**Cost share may be subjected to change
***Based on expected project life