

Manure Digesters in California

Dairy Name	Location	Air District	Digester Type	Operational Status	Producing Electricity? Y/N	Producing Pipeline Biomethane? Y/N	Producing Vehicle Fuel? Y/N	Waste Source	Biomethane Production (cubic ft./day)	Electricity Production Equipment	Electricity Generating Capacity (kW)	Utility Company	# of Animals Feeding Digester
Blakes Landing Dairy	Marshall	Bay Area AQMD	Covered Lagoon	Operating	Yes	No	No	DM, CW	22,500	IC Engine	75	Pacific Gas & Electric	300
Bob Giacomini Dairy	Point Reyes	Bay Area AQMD	Covered Lagoon	Operating	Yes	No	No	DM	25,000	IC Engine	80	Pacific Gas & Electric	450
St. Anthony Farms Dairy	Petaluma	Bay Area AQMD	Covered Lagoon	Not Operating	Yes	No	No	DM	12,000	IC Engine	80	Pacific Gas & Electric	250
Langerwerf Dairy	Durham	Butte County APCD	Plug Flow	Operating	Yes	No	No	DM	30,000	IC Engine	85	Pacific Gas & Electric	700
Bullfrog Farms Dairy	Imperial	Imperial County APCD	Covered Lagoon	Operating	Yes	No	No	DM	Not Available	IC Engine	300	Imperial Irrigation District	4,000
Cal-Denier Dairy	Galt	Sacramento Metropolitan AQMD	Covered Lagoon	Operating	Yes	No	No	DM	33,000	IC Engine	65	Sacramento Municipal Utilities District	900
Tollenaar Holsteins	Elk Grove	Sacramento Metropolitan AQMD	Mixed Covered Lagoon	Operating	Yes	No	No	DM	115,000	IC Engine	(2) 212	Sacramento Municipal Utilities District	1,800
Van Ommering Dairy	Lakeside	San Diego County APCD	Plug Flow	Not Operating	Yes	No	No	DM	34,000	IC Engine	130	San Diego Gas & Electric	600
Castelanelli Brothers Dairy	Lodi	San Joaquin Valley APCD	Covered Lagoon	Operating	Yes	No	No	DM	150,000	IC Engine	160; 300	Pacific Gas & Electric	3,200
Cottonwood Dairy (Gallo)	Atwater	San Joaquin Valley APCD	Covered Lagoon	Operating	Yes	No	No	DM,CW	440,000	IC Engine	300; 400	Pacific Gas & Electric	5,000
Eden Vale Dairy	Lemoore	San Joaquin Valley APCD	Plug Flow	Not Operating	Yes	No	No	DM	Not Available*	IC Engine	180	Pacific Gas & Electric	800
Fiscalini Farms Dairy	Modesto	San Joaquin Valley APCD	Above Ground Tanks	Operating	Yes	No	No	DM,CW	165,000	IC Engine	710	Modesto Irrigation District	25,000
Hilarides Dairy	Lindsay	San Joaquin Valley APCD	Covered Lagoon	Operating	Yes	No	Yes	DM,CW	300,000	IC Engine	125 (6)	Southern California Edison	6,000
Koetsier Dairy	Visalia	San Joaquin Valley APCD	Plug Flow	Not Operating	Yes	No	No	DM	60,000	IC Engine	135; 150	Southern California Edison	1,050
Lourenco Dairy	Tulare	San Joaquin Valley APCD	Covered Lagoon	Not Operating	Yes	No	No	DM	55,000	IC Engine	250	Southern California Edison	2,500
Meadowbrook Dairy	El Mirage	Mojave Desert AQMD	Plug Flow	Operating	Yes	No	No	DM	100,000	IC Engine	185	Southern California Edison	2,000
Inland Empire Utility Agency Stage 1	Chino	South Coast AQMD	Plug Flow	Not Operating	Yes	No	No	DM	110,000	IC Engine	1,000; 850	Inland Empire Utility Agency	3,225
Inland Empire Utility Agency Stage 2	Chino	South Coast AQMD	Above Ground Tanks	Not Operating	Yes	No	No	DM	110,000	IC Engine	1,000; 851	Inland Empire Utility Agency	3,225
Vintage Dairy	Burrel	San Joaquin Valley APCD	Covered Lagoon	Operating	No	Yes	No	DM	300,000	None	None	Pacific Gas & Electric	5,000

Last updated: October 26, 2010

Waste Sources Digested	Waste Code
Dairy Manure	DM
Creamery Wastewater	CW

*Dairy is not equipped with a flow meter to determine biogas production.