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California Dairy Digester Development

California dairy farms (and digester projects) are primarily located in the San Joaquin Valley, as shown below.



California is home to 14 "clusters" of dairy digesters in various stages of development. Clusters are groups of digesters that share a centralized gas clean-up facility, where dairy biogas is upgraded and then injected into natural gas pipeline so it can be used as carbon-negative transportation fuel or generate hydrogen. Additionally, another 63 California dairy farms have or share access to digesters (operating or in development) that are not a part of a cluster. In total, California has 243 dairy digester projects, capturing methane from 271 dairy farms, and creating either renewable electricity, renewable natural gas, or hydrogen fuel. About 168 of the digesters are currently in operation, with the rest in development.

CalBioGas Hilmar LLC

Operating

7 digesters (all operating) Serving 8 dairies

Aemetis Biogas LLC

Operating

39 digesters (16 operating) Serving 50 dairies

The renewable energy created is helping power the state's clean-energy future. Today, California dairy farms are generating enough renewable natural gas to fuel more than 3,706 transit buses. At the same time, some dairy farms are generating enough renewable electricity to power more than 13,502 electric vehicles. In total, California dairy farms power more than 17,000 vehicles daily with the energy created by dairy digesters.

CalBioGas Gustine, LLC

In Development 10 digesters

RNG Moovers - Aligned Digesters

Operating

4 digesters (3 operating)

Merced Pipeline LLC

Operatina

16 digesters (13 operating)

Lakeside Pipeline LLC

Operating

11 digesters (10 operating)

CalBioGas Hanford LLC

Operating

6 digesters (all operating)

CalBioGas Buttonwillow LLC

Operatina

9 digesters (7 operating)

CA has 14 dairy digester clusters, plus other individual projects (not shown) for a total of 243 CA digesters serving

271 dairy farms.

CalBioGas North Visalia LLC

Five Points Pipeline LLC

5 digesters (all operating)

Operating

Operating

12 digesters (11 operating) Serving 14 dairies

CalBioGas West Visalia LLC

Operating

5 digesters (all operating)

CalBioGas South Tulare LLC

Operatina

29 digesters (23 operating) Serving 34 dairies

CalBioGas Kern LLC

Operating

11 digesters (8 operating) Serving 13 dairies

Calgren Dairy Fuels LLC

Operating

22 digesters (20 operating) Serving 23 dairies



earn more at DairyCares.com/dairy-digesters