

Zero Waste Energy Monterey, CA

100 kW
Biogas

Fast Facts:

Location: Monterey, CA

Generating Capacity: 100 kW

Configuration: Container Module

Extras: Biogas Treatment, H₂S Removal



About the Site:

This dairy farm improves its energy efficiency, cuts down on greenhouse gas emissions, and keeps manure out of the waste stream. Residues are used as fertilizer and bedding. The new AD plant in the city of Monterey California is equipped to process up to 5,000 tons of waste per year, generating 100 ekWh of electricity with a biogas that contains 58-60% methane.



Application

Unlike many other individually designed small anaerobic digesters, this plant operator's digester is compact, quickly constructed, proven, and efficient. Utilizing SmartFerm© technology developed in Germany, the plant is semi-mobile, space efficient, requires only 3,000 square feet of space, and is self-heating using natural biological processes and recirculation of liquid moving throughout the waste material. Additionally, the system can be expanded / scaled to process up to 30,000 tons per year, making it attractive for use in urban areas.



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