

Sustainable Organic Farming Can Help Reverse Climate Change

The Straus Organic Dairy Farm uses world's first full-scale Electric Feed Truck powered by cow manure.*

COW MANURE

Almost 4,000 gallons of cow manure is collected from the barns daily for the digester. This will be converted to renewable energy and nutrient-rich compost.



The Electric Feed Truck feeds nearly 300 cows daily and closes the loop — a full cycle of renewable energy on the organic farm.

ELECTRIC TRUCK BRINGS FEED TO COWS



The batteries that power the motor are charged from electricity generated from the cows' own manure. This helps decrease 18 metric tons of CO₂e emissions each year from diesel pollutants.

ELECTRIC FEED TRUCK



ELECTRICITY

The digester converts the biogas into renewable electricity to power the entire 500-acre Straus Organic Dairy Farm, and more. The amount produced annually is equivalent to removing 347 passenger vehicles from the roadways.**

METHANE DIGESTER

Uses liquid cow manure to produce biogas. Annually around 9.2 million cubic feet of biogas is captured from the digester, reducing harmful greenhouse gas emissions by 1,645 metric tons of CO₂e.



* 1 of 9 certified organic dairies that supplies organic milk to Straus Family Creamery.

** <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>