

DTE's waste-to-energy initiative wins American Biogas Council's dairy project of the year

DTE Biomass Energy's award-winning project converts dairy cow waste to clean, renewable natural gas, reducing greenhouse gas emissions and offsetting fossil fuels.

DETROIT, Nov. 13, 2019 — DTE Biomass Energy's clean, sustainable dairy renewable natural gas project has recently been recognized for its innovative business model.

The Calumet Renewable Natural Gas Project, located across multiple Wisconsin dairy farms, began operations earlier this year and encompasses Wisconsin's first dairy waste-to-energy renewable natural gas (RNG) processing plants as well as an interstate pipeline injection facility. DTE Biomass Energy is a non-utility business of DTE Energy (NYSE: DTE).

This project demonstrates DTE's commitment to both environmental stewardship and healthy economies. Converting dairy cow waste into clean, sustainable RNG positively impacts local environments and communities. Manure left to decompose naturally on farmland releases methane directly into the atmosphere. By capturing the gas instead, the farms reduce their overall greenhouse gas footprint and are compensated for their waste biogas, all while displacing fossil-based gasoline or diesel fuel.

Calumet Renewable Natural Gas Project has been named the 2019 "Project of the Year" in the agriculture, dairy category by the American Biogas Council (ABC). It was recognized "for the use of an innovative business model to manage dairy RNG through a virtual pipeline." The renewable natural gas dairy processing and injection site, located in Newton, Wisconsin, processes raw biogas piped in from three nearby partner farms into RNG, and receives RNG trucked in from two other dairy farm-based DTE facilities. From here, pipeline-quality renewable natural gas is injected directly into the interstate pipeline and goes on to power compressed natural gas vehicles.

"Our Biomass team has been incredibly busy this year – not only have they started up our Calumet assets, but they also kicked off construction at four other dairy biogas projects across Wisconsin," said Mark Stiers, president and COO, DTE Power and

Industrial. "I'm pleased their work has been recognized by ABC, a trade association championing the growth of the biogas industry."

The announcement was made at BioCycle REFOR19, ABC's annual conference on October 29th.

About DTE Energy

DTE Energy (NYSE: DTE) is a Detroit-based diversified energy company involved in the development and management of energy-related businesses and services nationwide. Its operating units include an electric company serving 2.2 million customers in Southeast Michigan and a natural gas company serving 1.3 million customers in Michigan. The DTE portfolio includes energy businesses focused on power and industrial projects; renewable natural gas; natural gas pipelines, gathering and storage; and energy marketing and trading. As an environmental leader, DTE utility operations will reduce carbon dioxide and methane emissions by more than 80 percent by 2040 to produce [cleaner energy](#) while keeping it safe, reliable and affordable. DTE Electric aspires to achieve net zero carbon by 2050. DTE is committed to [serving with its energy](#) through volunteerism, education and employment initiatives, [philanthropy](#) and economic progress. Information about DTE is available at [dteenergy.com](#), [empoweringmichigan.com](#), [twitter.com/dte_energy](#) and [facebook.com](#).

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