

A low-carbon economy requires us to embrace scientific, engineering and institutional innovation.

Carbon Reduction Technologies

CenterPoint Energy is investing in research and development of low-carbon technologies, such as [carbon capture technology](#) and [renewable natural gas \(RNG\)](#) to drive a cleaner natural gas system and reduce carbon intensity.

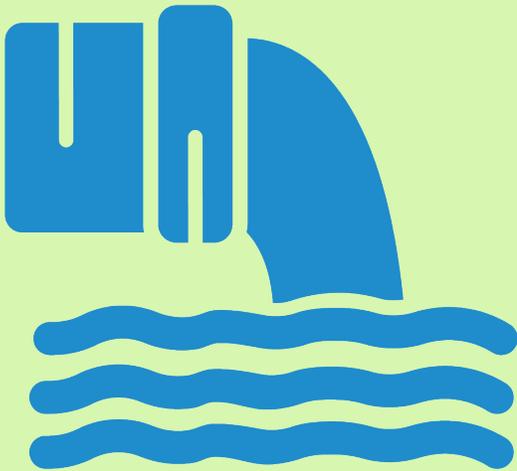
The [Natural Gas Innovation Act](#), a landmark new energy law proposed by CenterPoint Energy, has passed the Minnesota Legislature. The act establishes a new state regulatory policy that creates additional opportunities for a natural gas utility to invest in innovative clean energy resources and technologies, including RNG, green hydrogen and carbon capture, to benefit our customers.

NET ZERO  BY
2035

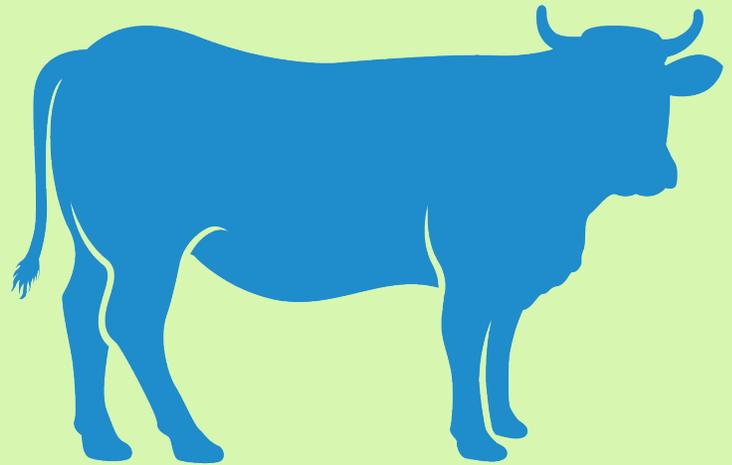
NET-ZERO
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BY 2035



We're actively pursuing multiple options for adding RNG to our gas supply portfolio in the near future.



WASTE WATER



LIVESTOCK WASTE

Tapping Minnesota-made RNG

To promote the beneficial use of made-in-Minnesota RNG and supply the increasing demand for this clean energy resource, CenterPoint Energy is opening its Minnesota pipeline system to natural gas created from organic materials, such as agricultural manure, wastewater and commercial food waste.

Benefits of RNG:

- Reduces greenhouse gas emissions
- Diversifies energy sources
- Supports rural economic development
- Improves waste management

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At the 2021 Minnesota State Fair, we showcased some of the emerging clean energy resources and technologies that we're exploring for our customers, including new opportunities that will be aided by the recently passed Natural Gas Innovation Act.

Piloting End-Use Carbon Capture Technology

In Minnesota, our support for research and development technologies that capture CO2 emissions from natural gas combustion has resulted in the pilot of a device that, through a chemical process, converts the emissions into a nontoxic carbonate ash, which can be reused in products such as soap, glass and fertilizer. This innovative end-use carbon capture technology can help our commercial customers increase heating efficiency, lower energy costs and reduce the environmental impact of their energy use.

CenterPoint Energy is piloting this technology for potential future Conservation Improvement Program rebates. Pilot participants, including schools, hotels, assisted living and nursing homes, warehouses, multifamily housing and a water treatment facility, receive equipment and installation at no cost. Participants can choose to keep the equipment after the one-year pilot.

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