



DELIVERING WITH  
**FOCUS**

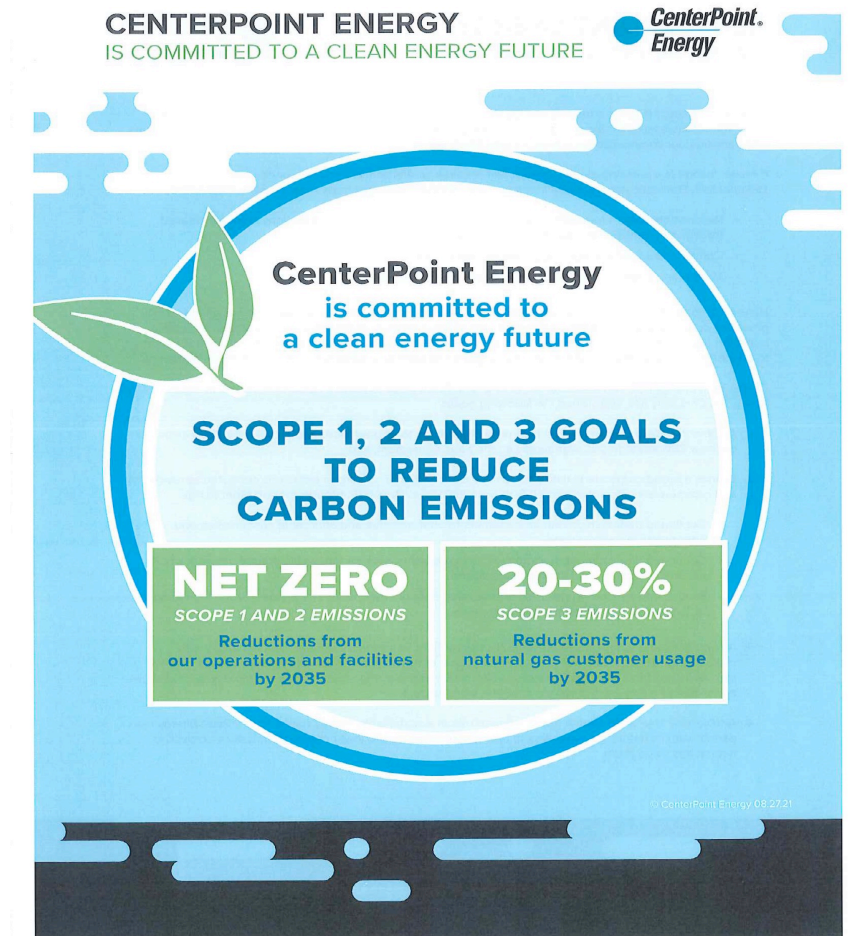
**Committed to a clean & resilient  
energy future**

January 2022



# Clean energy goals

- Services are evolving to meet customer / community needs and expectations
- Our Goals ... by 2035:
  1. Net Zero emissions from company operations
  2. Reduce carbon emission from customer end use by 20-30%





# Embracing clean-energy innovations

## Natural Gas Innovation Act



Creates a regulatory process to move forward with innovative technologies that reduce carbon emissions from natural gas use

[Learn more](#)

## Carbon Capture & Recycling



Capturing and converting carbon dioxide (CO<sub>2</sub>) into a safe, nontoxic powder that can be reused in products

[Learn more](#)

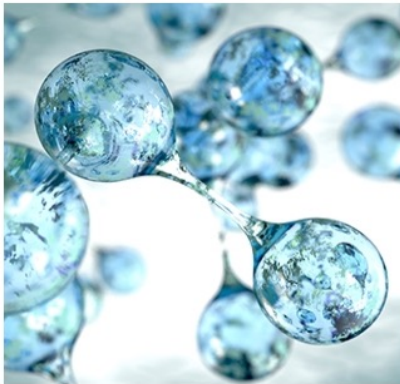
## Renewable Natural Gas



Gas created by the breakdown of renewable organic material like animal manure, wastewater, and food waste

[Learn more](#)

## Renewable Hydrogen



A zero-carbon energy resource produced by safely splitting water into oxygen and hydrogen using renewable electricity

## Carbon Policy



Our commitment to reducing carbon emissions from our operations and customer usage

[Learn more](#)

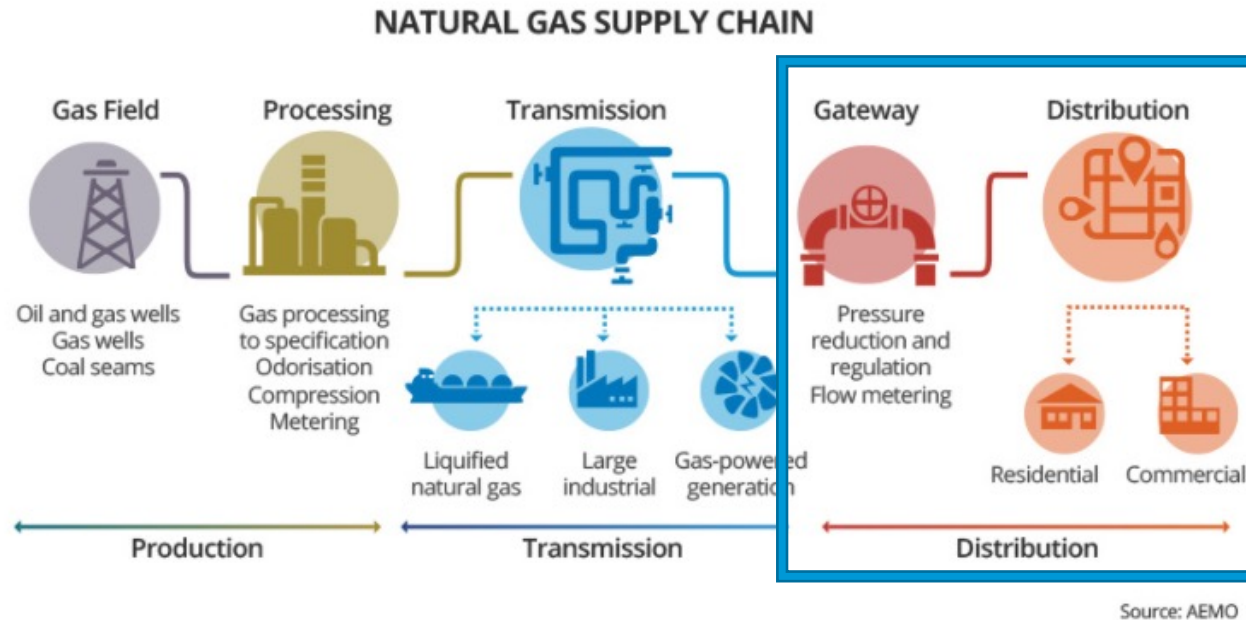
## Reduce Operational Emissions



Upgrading our infrastructure and using cutting-edge technologies to prevent and detect leaks

[Learn more](#)

# CenterPoint Energy = local distribution Co.



- Regulated by the Minnesota Public Utility Commission
- Distributes gas to customers - final leg of the supply chain
- Does not produce gas – first part of the supply chain
- Gas price to customers is not “marked up” by CenterPoint Energy

# Reducing emissions from gas operations



Investing over \$1 billion in next 5 years on system safety, resiliency and infrastructure integrity



Advanced leak detection technology



Use of ZEVAC equipment avoids methane release when replacing gas mains



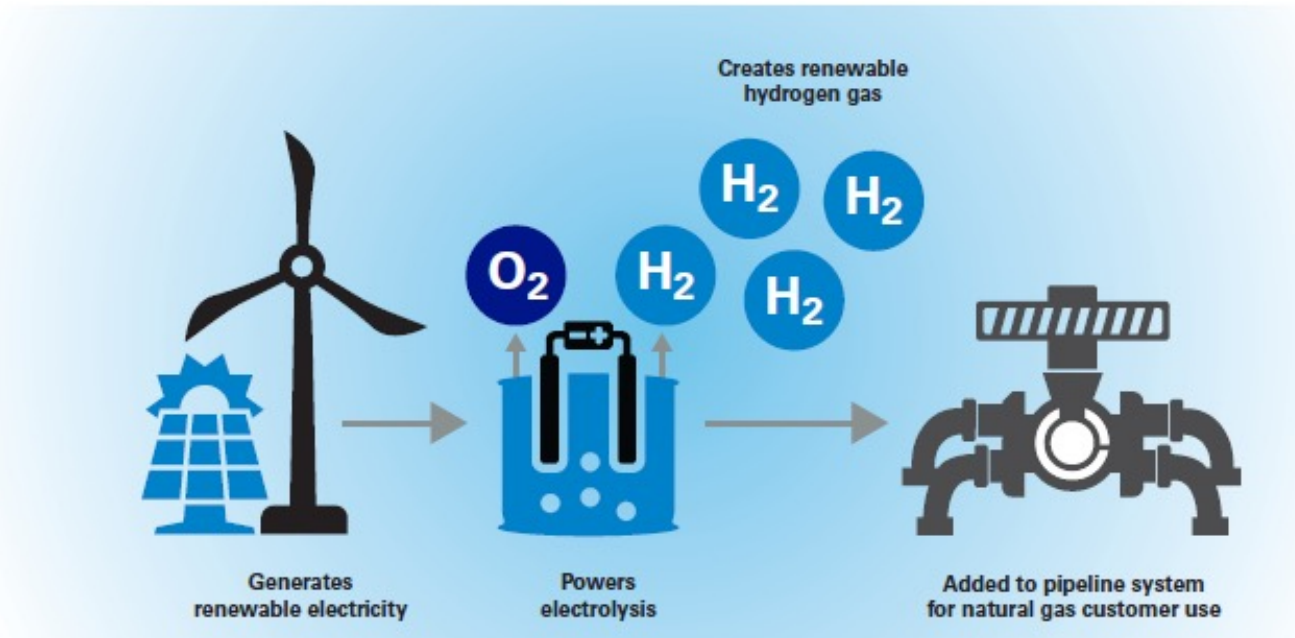
# Embracing clean-energy innovations

Natural Gas Innovation Act (NGIA) allows utilities to invest in new clean energy resources and technologies

- Renewable Natural Gas
- End use carbon capture technology
- Green Hydrogen



# Green (renewable) hydrogen



Renewable hydrogen is produced by splitting water into oxygen and hydrogen using an electrical current (electrolysis) supplied by renewable electricity such as solar or wind

# Green Hydrogen pilot project



CenterPoint Energy's pilot project will produce green hydrogen that will be blended into the traditional gas stream. The project is currently under construction and expected to go on-line in early 2022.



# One-click resource links



- **Clean Energy & Innovation**  
[CenterPointEnergy.com/CleanEnergyMN](https://CenterPointEnergy.com/CleanEnergyMN)



- **Community Relations**  
[CenterPointEnergy.com/Community](https://CenterPointEnergy.com/Community)



- **Sustainability**  
[CenterPointEnergy.com/Sustainability](https://CenterPointEnergy.com/Sustainability)



- **Cold Weather and Your Natural Gas Bill**  
[CenterPointEnergy.com/ColdWeather](https://CenterPointEnergy.com/ColdWeather)



- **Pipeline Improvements and Construction Updates**  
[CenterPointEnergy.com/Construction](https://CenterPointEnergy.com/Construction)



- **Payment Assistance**  
[CenterPointEnergy.com/PaymentAssistance](https://CenterPointEnergy.com/PaymentAssistance)



- **Conservation Improvement Program**  
[CenterPointEnergy.com/SaveEnergy](https://CenterPointEnergy.com/SaveEnergy)



- **Minnesota Rate Case**  
[CenterPointEnergy.com/RateCase](https://CenterPointEnergy.com/RateCase)