

# Our Path to a Clean Energy Future

Reimagining our public utility mission  
as we confront a changing climate.



# Dominion Energy Gas Distribution Overview

- 3.4 million residential and business customers.
- Operations in Ohio, Utah, the Carolinas and West Virginia.
- Key markets in Salt Lake City, Cleveland, Raleigh and Charleston.



Ohio



Utah



North Carolina



South Carolina



West Virginia

# Serving a Broader Mission

- For more than a century, we've served a critical mission: Providing safe, affordable and reliable energy to the millions of customers who depend on us.
- As we confront a changing climate, we must now serve a broader mission: We are building a clean and sustainable energy future for our customers and our climate.



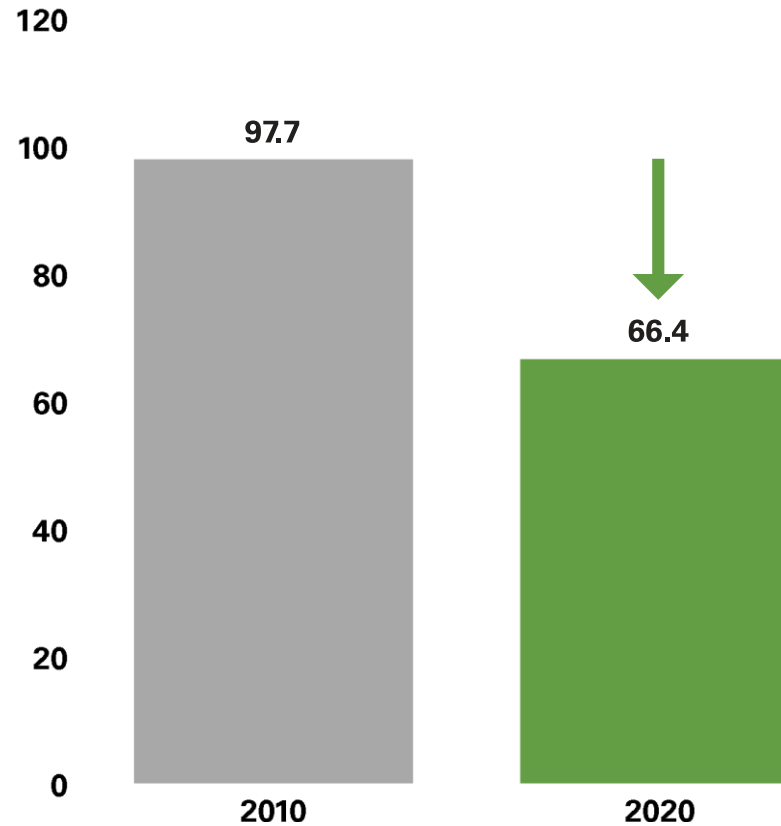
# Climate Action: Methane Emissions

Dominion Energy  
Natural Gas Operations  
Methane Emissions

THOUSAND METRIC TONS

▼ **32%**

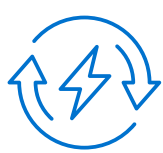
reduction in methane  
emissions since 2010



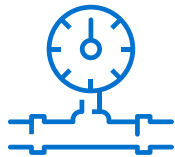
# Dominion Energy's Net Zero commitments are among the boldest yet in the utility industry.



## Original 2020 Net Zero Commitment



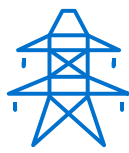
Power Generation



Natural gas compression, production, and delivery



Company-owned auto/air travel



Electric T&D line losses



## 2022 Expanded Net Zero Commitment



Usage of third-party electricity in company facilities



Fuel for power stations and natural gas distribution systems



Electricity purchased to power the grid



Natural gas customer end-use

In 2020, Dominion Energy announced a new emissions reduction target: net zero carbon and methane emissions by 2050 across our business. This commitment covers direct emissions from power generation and natural gas operations (Scope 1 emissions).



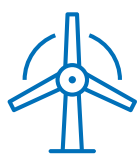
In 2022, Dominion Energy expanded our Net Zero commitments to include all Scope 2 emissions and material categories of Scope 3 emissions: natural gas customer use, upstream fuel production and delivery, and power market purchases. Scope 2 emissions are those emitted from electricity the company consumes but does not generate from its own facilities.

# Our Path to Net Zero for Our Operations

## Existing technology to achieve near-term emissions reductions



## Emerging technology to achieve Net Zero



Rapid expansion of **solar and wind**, investment in energy storage



Deploy **renewable natural gas** to achieve net zero for gas distribution by 2040

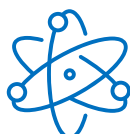


Cultivate **emerging technologies**:

- Energy storage
- Hydrogen
- Carbon Capture
- Advanced Nuclear



Aggressive **methane emissions reduction**: 65% by 2030; 80% by 2040



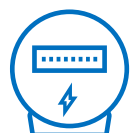
Extend licenses of **zero-carbon nuclear fleet**



Advocate for **public policy support**



Continued transition from **coal to cleaner natural gas**



Expand **energy efficiency** programs for our customers



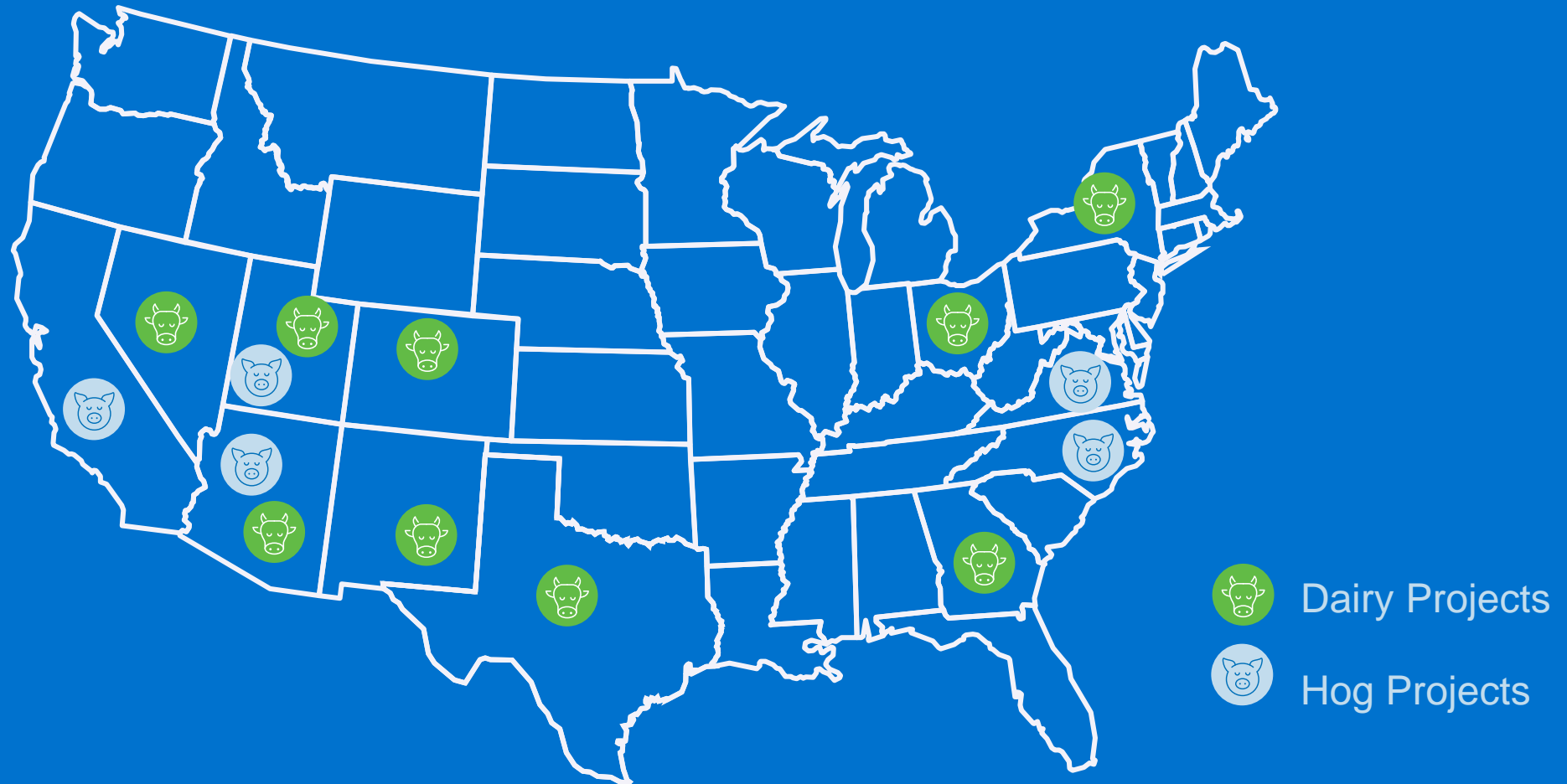
Acquire **carbon offsets**

# Largest Renewable Natural Gas Investment in U.S.

- Smithfield Foods and Vanguard Renewables partnerships
- \$2 billion potential investment by 2035
- 3.5 million metric tons of CO<sub>2</sub>e captured annually by 2028
- Equivalent to taking more than 750,000 cars off the road each year



# RNG projects under development nationwide





# Gas Distribution's Path to Net Zero Emissions for our Operations

- **Reducing methane emissions from our system**

Reduce or eliminate venting, replace aging infrastructure and expand leak detection and repair.

- **Reaching net zero emissions with investments in RNG**

Capture as many emissions with RNG as we emit from our system by 2040.

- **Blending hydrogen and RNG to reduce emissions from our system and customers' homes**

Include up to a 5% hydrogen blend in our gas distribution system by 2030 and increasingly inject RNG in our system.

**NET ZERO**



# Gas Distribution's Path to Net Zero



## Upstream

- Developing procurement practices to encourage transparency about supplier emissions and GHG reduction programs.
- Preferencing offers for RSG or suppliers committed to net zero.



## Downstream

- **GreenTherm** and other programs offering RNG to our customers.
- **CarbonRight** and other programs to offset customers' carbon footprint.
- Expanded energy efficiency programs and funding.