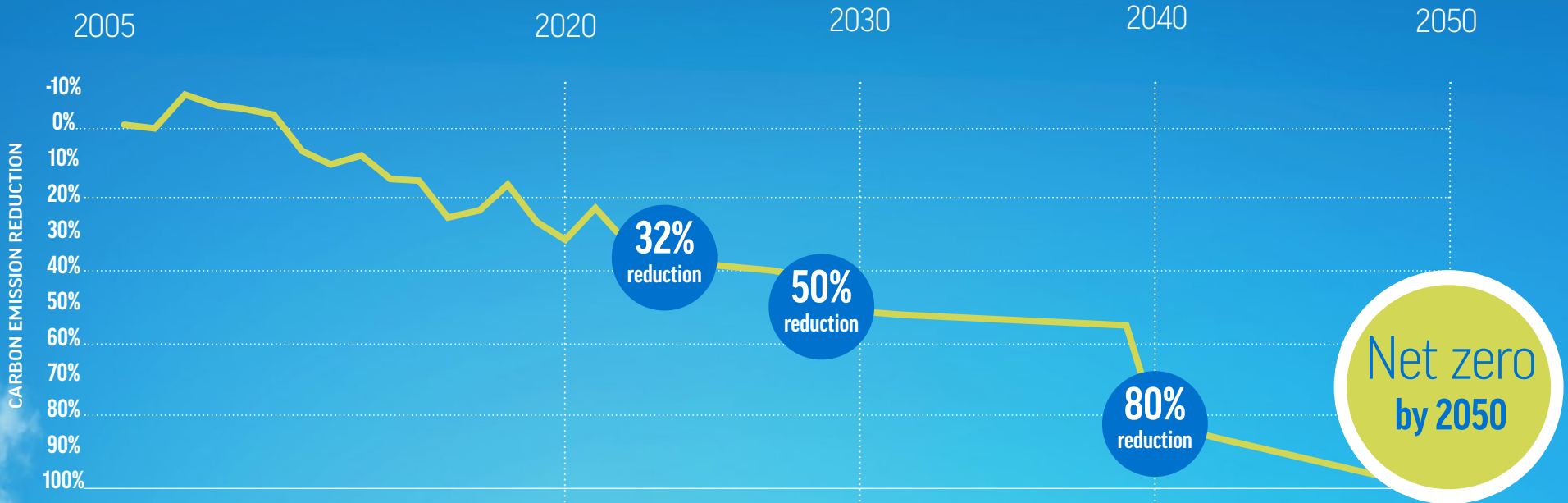


DTE Electric Decarbonization



 Coal Plant Retirements

2021: River Rouge
 2022: Trenton Channel, St. Clair
 by 2028: Belle River
 by 2040: Monroe

 New Generation

2021: Wind 456 MW, Solar 80 MW
 2022: Blue Water Energy Center begins operations (1,146 MW), Wind 225 MW, Solar 479 MW
 2021: Supply enough renewable energy to power 700,000 homes
 2023: Supply enough renewable energy to power 900,000 homes
 2030: At least 25% renewable generation by 2030

 MI Green Power

30,000 customers enrolled by 2020
 80,000 projected customer enrollments by 2023
 200,000 projected customer enrollments by 2030

2030-2050

This emission reduction reflects coal plant retirements, renewable energy investments, energy efficiency enhancements and emerging technological solutions, such as:

- Energy storage technology
- Carbon capture and sequestration technologies
- Carbon-free alternative fuels (e.g., hydrogen)
- Advanced nuclear power

DTE Gas Decarbonization

Upstream Supplier emissions



Gas Extraction, Production, Gathering, Storage and Transportation

Internal Operations DTE Gas emissions



Utility Distribution Infrastructure

Downstream Customer-use emissions



Industry, Homes and Businesses

1.5
million
metric tons
reduced*

2021

Encouraging transparent and consistent reporting of methane emissions

Replacing old steel and cast-iron pipes with new durable pipes

Offering voluntary program - Natural Gas Balance

2.5
million
metric tons
reduced*

2030

Sourcing gas with lower methane intensities

Implementing new technologies to detect leaks more quickly

Increasing energy efficiency targets

3.9
million
metric tons
reduced*

2040

Pursuing programs which promote a clean natural gas product

Reducing gas being vented to the atmosphere

Incorporating renewable natural gas into our system supply

6.1
million
metric tons
reduced*

2050

Utilizing carbon offsets to balance any remaining emissions

Utilizing carbon offsets to negate any remaining emissions

Pursuing advanced technologies such as hydrogen and carbon capture

Net Zero
GHGs by
2050

Net Zero
GHGs by
2050

Reduce
GHGs 35% by
2050*



DTE Gas is taking a unique, holistic approach to achieving our net zero goal by including our suppliers and our customers on the journey.

*from 2005 levels