



National Fuel Gas Distribution Corporation

Segment: Distribution
BMP Commitment Option
Methane Challenge Partner Since 2018

OMB Control No. 2060 0722
Approval expires 08/31/2021



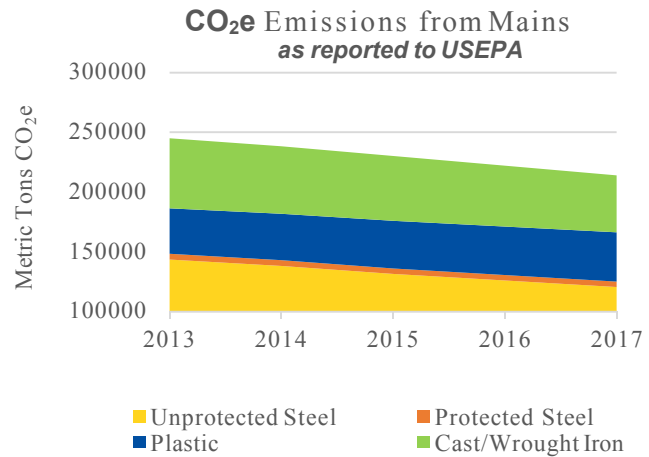
Background

National Fuel Gas Distribution Corporation (“NFGDC”) is a natural gas utility serving approximately 750,000 residential, commercial, and industrial customers in western New York and northwestern Pennsylvania. NFGDC has a deep appreciation for the vital role it plays in upholding standards of environmental protection in the communities where its customers and employees work and live. As part of that responsibility, NFGDC is committed to reducing methane emissions from its operations.

Historical Highlights

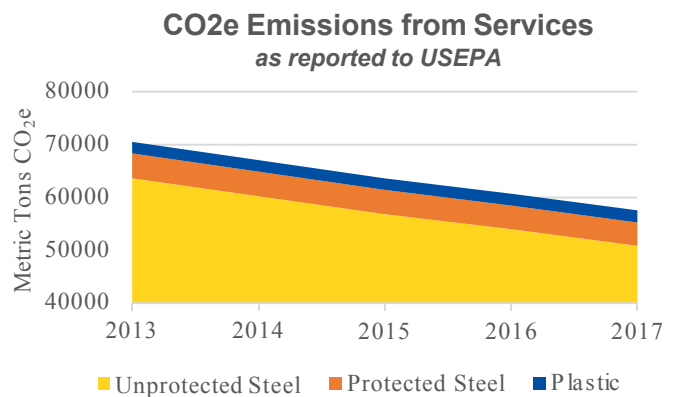
Upgrading Cast Iron and Unprotected Steel Mains

NFGDC continuously upgrades its distribution system in order to ensure safe and reliable delivery of natural gas. These upgrades also benefit the environment by reducing methane emissions. From 2013 to 2017, upgrading mains has reduced NFGDC’s estimated emissions by about 7,700 metric tons CO₂e per year on average. That’s about the same as the emissions from over 1,635 passenger vehicles.



Upgrading Unprotected Steel Services

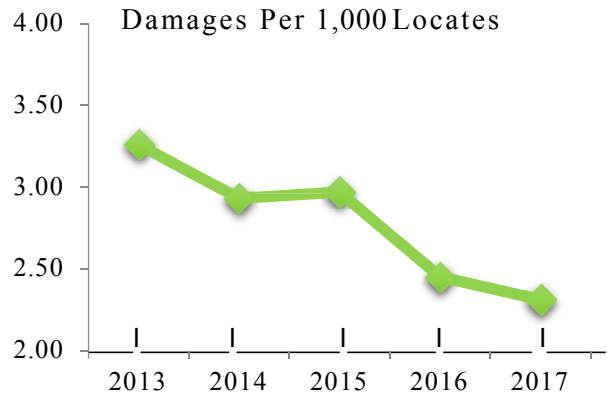
NFGDC also upgrades services – the small diameter pipe that connects the customer to the main – when mains are upgraded. On average, NFGDC replaces approximately 4,000 unprotected steel services every year resulting in another 3,400 metric tons CO₂e of reduced emissions annually. That’s another 722 cars.



National Fuel Gas Distribution Corporation Historical Fact Sheet

Excavation Damages

When someone damages a natural gas line, it's a serious matter. It's dangerous, costly, time consuming, and causes unnecessary emissions. NFGDC works hard to reduce damage to its system through a variety of initiatives. From public outreach campaigns to monitoring repeat offenders, NFGDC has reduced damages by almost 30% from 2013 to 2017. While we are very proud of this accomplishment, we will continue our efforts to reduce damages as much as possible.



Conservation and Efficiency

Natural gas is a clean, abundant, and affordable source of energy. However, it is important that we all use energy wisely. NFGDC assists its customers by providing energy conservation tips and through its Conservation Incentive Program ("CIP").

NFGDC's CIP has resulted in a reduction of more than 160,000 tons of CO₂ over its lifetime.

For more information and tips on energy conservation, see NFGDC's website at:

<https://www.nationalfuelforthought.com/>

Innovation

Innovation is a Guiding Principle at NFGDC and we support research aimed at detecting and reducing emissions from the natural gas value chain. We constantly are evaluating new and evolving technologies, such as renewable natural gas derived from biomass, that may further reduce emissions.

CIP Emission reduction of 160,000 tons of CO₂

Reduction equivalent to any one of the following: ⁽¹⁾



(1) Source: United States Environmental Protection Agency's Greenhouse Gas Equivalencies Calculator, December 17, 2018, <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator> (cars metric assumes 11,507 miles per car, per year); program's savings is based on the New York State Technical Resource Manual and Company reports filed with the New York State Public Service Commission.

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