# Peoples Gas: At the Heart of Sustainable Energy



### **Committed to:**



Decreasing Florida's overall carbon footprint



Increasing efficiencies across our systems



**Up to 95%** 

less air pollutants are released from vehicles running on Compressed Natural Gas (CNG) compared to diesel.



91% efficiency

when used as a direct energy, minimal energy loss in transmission.



**37% less** 

greenhouse gas emissions from homes with natural gas versus those with all-electric appliances (American Gas Association).



\$275 million

invested in energy efficiency to save our customers money and combat climate change since 1982.



33% reduction

of greenhouse gas emissions since beginning the EPA's voluntary program to reduce methane emissions.



40,000

rebates for energy-efficient appliances and equipment services distributed to customers annually.



Liquefied Natural Gas

LNG is a clean, cost-effective option, and Florida's ports are rapidly exploring the transition from heavy fuel oil and diesel to LNG.



Renewable Natural Gas

First utility in Florida to offer RNG rate for waste-to-energy service.

## What does our 10-year pipeline network improvement goal look like?



Replace 500 miles of cast iron or bare steel distribution pipeline, about 48 miles per year.

Reduce carbon-equivalent emissions (CO2 e) by 43%, nearly 55,000 tons annually.

Achieve a pipeline replacement rate of 6.5% annually. 2017 goal exceeded with 15.5% replacement rate.



### Investing in emerging technologies & energy system advancements

including distributed generation, combined heat & power, and gas heat pumps to further reduce emission and achieve efficiency gains.







### **Compressed Natural Gas**

CNG is used by fleets to lower costs and emissions, to reduce fleet maintenance, fuel costs, and greatly reduce the amount of nitrogen oxides and other greenhouse gases released into the atmosphere.



#### **Liquefied Natural Gas**

LNG is a clean, cost-effective option, and Florida's ports are rapidly exploring the transition from heavy fuel oil and diesel to LNG.



#### Renewable Natural Gas

RNG is produced from farms, landfills, and water resource recovery facilities.

