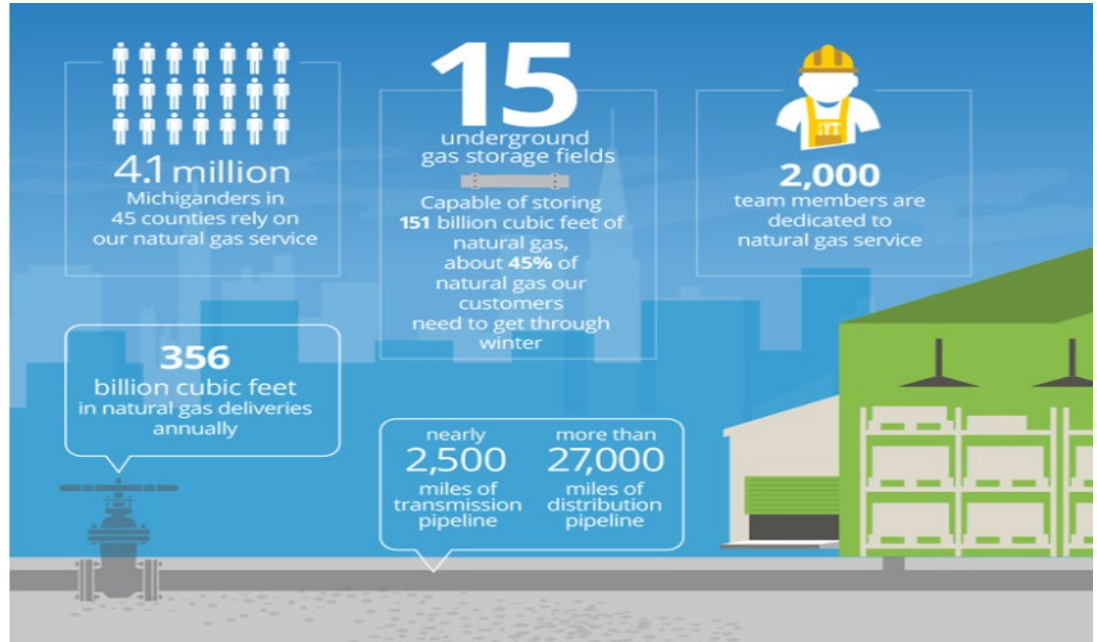


Consumers Energy Company Methane Challenge Program Partner Experience

Amy Kapuga, P.E.
November 5, 2019

CE Natural Gas System Overview

- 1.8 million gas customers
- >27,000 miles of distribution main
- 97 city gates
- 8 compressor stations
- 15 underground gas storage fields



Natural Gas STAR Program

Consumers Energy was pleased to become a Partner company in 1996 by committing to evaluate and implement cost-effective methane emission reductions opportunities.

- Natural Gas Distribution Segment (through 2017)
 - 157,744 Mcf
 - 75,717 MT CO₂e
- Transmission & Storage Segment
 - 2,575,055 Mcf
 - 1,236,021 MT CO₂e

Methane Challenge Program

Consumers Energy was pleased to join the EPA in a partnership to reduce methane emissions.

- Founding Member (March 2016)
- Natural Gas Distribution: Mains-Cast Iron and Unprotected Steel BMP Commitment Option
- Reduce cast iron and unprotected steel at a minimum rate of 3% per year by 2021.