

Kinder Morgan: Leader in Energy Infrastructure

Note: Mileage and volumes are company-wide per 2019 budget.

Largest natural gas transmission network

- ~70,000 miles of natural gas pipelines
- Connected to every important U.S. natural gas resource play and key demand centers
- Move ~40% of natural gas consumed in the U.S.

Largest independent transporter of refined products

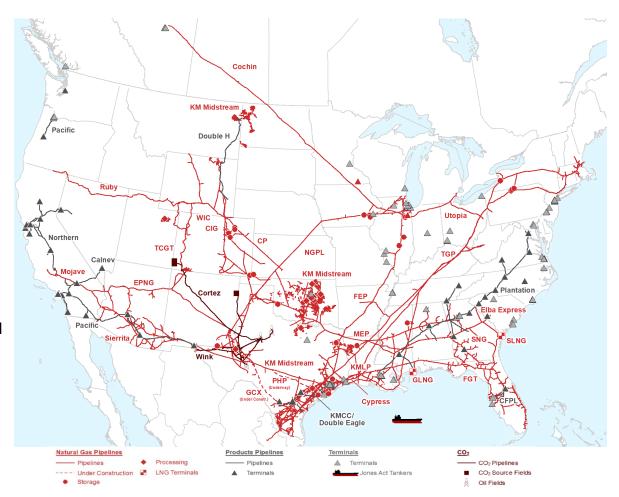
- Transport ~1.7 mmbbld of refined products
- ~6,900 miles of refined products pipelines
- ~5,800 miles of other liquids pipelines (crude and natural gas liquids)

Largest independent terminal operator

157 terminals

Largest transporter of CO₂

Transport ~1.2 Bcfd of CO₂





Kinder Morgan – Decades of Commitment to Methane Reductions

- Charter Partner of EPA's Natural Gas STAR Program: 1993 to present
 - Many innovative technologies and practices resulted from the program
- A Founding Member of the ONE Future Coalition in 2014
- A Charter Partner of EPA's Natural Gas STAR Methane Challenge Program ONE Future Option in 2016
 - KM committed to a methane emission intensity target of 0.31% across our transmission and storage operations by 2025.
 - First reporting year of 2017, KM achieved a methane emission intensity of 0.04%
 - Additional years of methane emission reductions and methane emission intensities need to be collected to better understand the trends and targets.
 - Continuous Improvement: ONE Future's methane management approach aligns with Kinder Morgan's Operations Management Systems (OMS) philosophy.



Kinder Morgan – Methane Reduction Programs Timeline (2015 to present)

- 2015: As part of ONE Future, began collaborating with EPA on their Methane Challenge program to include a ONE Future option
- 2016: EPA finalized the Methane Challenge-ONE Future option in August
- January 1, 2017: Official start date of Kinder Morgan's commitments under Methane Challenge
- 2017: Rollout of Methane Challenge tools and tracking systems to be used by stakeholders within Kinder Morgan: leak survey and repair spreadsheets, leak tracking database, gas loss minimization form
- 2017: Updating emission reporting tools for tracking and reporting methane reductions
- 2018: Finalize and rollout internal policy and procedure
- 2019 and beyond: Review progress, analyze data, refine process and procedures



Current Methane Reduction Activities and Continuous Improvement

- ONE Future-Methane Challenge Commitments include:
 - Leak detection & repair at T&S stations (All stations annually by 2021)
 - Reduction of Transmission Pipeline Blowdown volumes
 - Pipeline pump downs and compression sleeves
 - Other technologies & work practices on case-by-case basis
- Internal Written Procedure
- Training and guidance
- Third year of program: Continues to evolve
- Continuous Improvement: always seek opportunities to make improvements
 - · Continue communicating the program up and down the chain of command
 - Improvements with data collection & management tools
 - Get feedback from internal stakeholders/customers
 - Prioritization of leaks and repair activities
 - Implement lessons learned
 - Analyze and communicate data collected, identify trends, inform future decisionmaking, identify other opportunities to reduce