TransCanada U.S. Natural Gas Pipelines







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Based in Houston, Texas, Michael is responsible for the Facility Planning, Operations Planning and Gas Control teams, which design, maintain and operate TransCanada's U.S.-based, West natural gas pipelines and storage facilities.

Pipelines

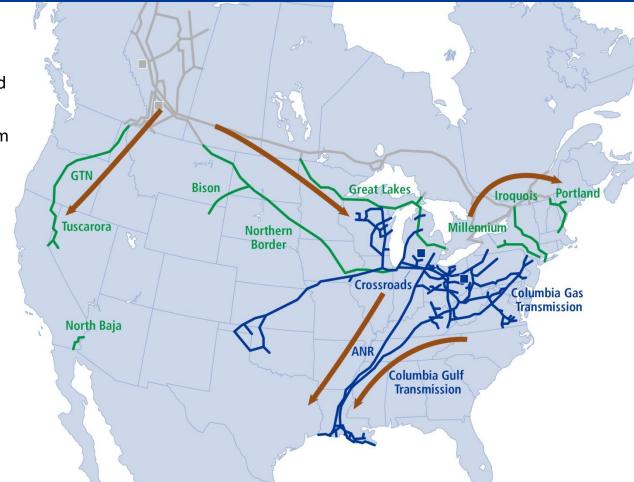
ANR Pipeline, Great Lakes Gas Transmission, Northern Border Pipeline, Bison Pipeline, Gas Transmission Northwest, Tuscarora Gas Transmission, North Baja Pipeline

Storage

ANR Pipeline, ANR Storage Co, Blue Lake Gas Storage, Eaton Rapids Gas Storage System

TransCanada U.S. Natural Gas Pipelines – Changes & Opportunities

- Seek further synergies across our North American natural gas business
- Bi-directional capabilities on ANR and Columbia Gulf systems
- Near-term organic opportunities from WCSB
- Longer-term opportunities from Appalachian growth



Wholly Owned PipelinePartially Owned PipelineGas Storage

TransCanada U.S. Natural Gas Pipelines – Recent Themes



Increased demand for Firm Transient Services

- Flexibility is interruptible
- Reliability is designed for firm

Firm Storage MDWQ remains important during system peaks

- Storage continues to sell out of MDWQ
- MDWQ is not just for winter peaks

System Reliability

- Continued commitment with growing maintenance and integrity programs
- Continued commitment with modernization programs
 - ANR \$837M through 2018
 - CGT \$1.5B through 2017 and \$1.1B for 2018-2020