Lebanon LNG Project

Missouri Public Service Commission November 28, 2018
CORPORATE LEADERSHIP

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COLORADO
Customers: 22,000
Asset Base: $125 million
T&D Main Line: 1,258 miles

MISSOURI
Customers: 18,900
Asset Base: $265 million
T&D Main Line: 1,360 miles

MAINE
Customers: 3,800
Asset Base: $320 million
T&D Main Line: 231 miles

OKLAHOMA
Customers: 12,600
Asset Base: $20 million
T&D Main Line: 832 miles

ARKANSAS
Customers: 45,600
Asset Base: $70 million
T&D Main Line: 1,717 miles
Mountain Grove District – 308mi
Lebanon District – 270mi
Branson District – 119mi
Hamilton District – 140mi
Warsaw District – 168mi
Lake of the Ozarks – 357mi

Counties We Service:

Barry    Harrison    Stone
Benton   Howell      Taney
Caldwell Laclede     Texas
Davies   Lawrence    Webster
Douglas  Morgan      Wright
Greene   Pettis      

1,360 miles of pipeline in 17 counties

Summit Natural Gas Office Locations
Lebanon LNG – Supporting Growth

- Lebanon has experienced significant growth in recent years
- LNG provides system stability for an area with limited pipeline support
- LNG allows SNGMO to provide pressure support during times of peak demand
- Project will support continued economic development in the region
Liquified Natural Gas Facts:

- Colorless, non-corrosive, non-toxic substance
- -260°F storage temperature
- 600 to 1 volume expansion to gas
- 82,644 Btu/gallon
- 82.6 scf/gallon
- 1004°F ignition temperature
- 3.5 lb/gallon weight
- Global industry with 60+ years of operation
Lebanon LNG – Facility Specifications:

- Mobile and temporary LNG equipment supplied by trucks with cryogenic LNG trailers
- Maximum on-site storage of 66,000 gallons
- Two gas-fired vaporizers with maximum flow rate of 140 Mscfh each
- Total facility maximum flow rate of 280 Mscfh
- LNG injection pressure range of 65 psig – 100 psig
- LNG injected into SNGMO measurement and regulation facility equipped with overpressure protection and SCADA monitoring
- Seasonal demand operating period runs from November 1 to March 15
Lebanon LNG – Vendor

SNGMO has partnered with Prometheus Energy on this project

Prometheus Energy:

- Provides full turnkey LNG solutions across the nation
- Provides all operation and maintenance of the LNG equipment
- Vertically integrated through entire liquid production portion of LNG value chain: production, distribution, and customer application
- 10 years of experience in supporting installation & operation at over 150 customer projects
- 85+ LNG transport and storage assets
- 24-7 Logistics Operations Center
Lebanon LNG – Safety & Reliability

Safety Considerations:

• Prometheus has provided safety training to SNGMO
• Vendor software provides high temperature, hydrocarbon, and flame sensor interlocks
• LNG storage tanks and pipe sections that could potentially trap LNG are equipped with relief valves
• Prometheus has zero lost time incidents in past six years
• SNGMO has zero OSHA recordables in past three years
• Due to its properties, LNG vaporizes as it warms and becomes lighter than air, rising into atmosphere if released
• LNG tanks are double walled vessels with insulating annular space

Reliability Considerations:

• LNG facility provides system reliability and back-up for compressor located upstream
• 2017 Prometheus reliability statistics:
  • 100% LNG supply on-time delivery
  • 99.86% LNG equipment on-stream reliability