Moriah Energy Center

Enhancing reliability through storage

Facility safety

Safety is a fundamental pillar of our business. This liquified natural gas (LNG) storage facility is no exception. With significant layers of protection in place, we are taking steps to ensure we protect the land we use and the communities we serve.

Hazard detection

All areas at this LNG storage facility that contain flammable gas will have gas detection installed as part of the facility hazard detection system that will shut down the flow of gas to that structure in the event of a leak and activate ventilation to allow the gas to safely dissipate. The hazard detection system is composed of gas, flame, and low temperature detection designed to detect gas, LNG releases or fires, then automatically shut down the facility, bringing it to a safe state. In addition to the gas detection inside buildings with natural gas, all buildings will have gas detection at their air intakes and the process area will be surrounded by linear gas detection.

Emergency response

In addition to hazard and fire protection systems, the facility will have a robust emergency response plan that includes training for plant employees and local first responders on LNG safety and emergency response. The plant will also have automatic and manual shutdown capabilities.

Oversight

All components of this LNG Storage facility will be subjected to rigorous testing and inspections throughout its construction and prior to operation, as set forth by state and federal agencies, including the Pipeline and Hazardous Materials Safety Administration (PHMSA). Once in operation, the facility will maintain a similar routine to ensure all manual and automatic capabilities of fire and hazard detection systems, along with all other equipment, are performing safely and as designed.

Leak protection

Gas monitoring and detection devices will be placed throughout the facility and Enbridge Gas will adhere to an inspection schedule to ensure there are no leaks.

Security

Security features include fencing, cameras, motion detection, lighting, and other systems to prevent unauthorized activity. The facility will also be staffed 24/7.

Suppression systems

In the rare event a fire does occur at the facility, the facility will be provided with a dedicated fire detection and suppression system. This will include a dedicated onsite firewater supply and pumps, underground firewater loop, and manual and automatic fire suppression systems.

Visit **enbridgegas.com/nc-moriahproject** to learn more.

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