Water Use and Quality Standards

Moriah Energy Center

Enhancing Reliability Through Storage

Dominion Energy is committed to being a good steward of the environment, including protecting the water that our communities depend on. Our safeguards from construction to operation will be designed to protect streams, wetlands and drinking water.
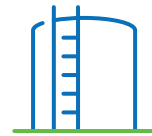
Streams and Wetlands

Dominion Energy conducted numerous desktop and field studies on the proposed site and there are no wetlands or stream impacts on the approximately 70-acre area where the plant will be constructed and operated.

Erosion Control

Dominion Energy will have a robust erosion and sediment control plan approved by the state that includes best practices such as sediment basins, silt fencing, a rock construction entrance and compost filter socks. Dominion Energy plans to leave a significant tree buffer, which would serve as an enhancement to its erosion control measures.

Firewater Storage Tank

The firewater storage tank will hold 360,000 gallons of water and is solely an emergency response measure that is not expected to be regularly used. Dominion Energy will perform the initial firewater tank fill over several days to minimize any potential impacts.

Facility Water Use

Water is not a part of the process to liquify natural gas or any other plant process. Well water will only be used for employee facilities and to refill the firewater storage tank, which would only be used and refilled in the unlikely event of an emergency. Firewater equipment will be tested occasionally but will not draw a significant amount of water.

Managing Stormwater

Runoff will be contained, maintained and discharged according with local, state and federal regulations. The facility will also include a detention pond as well as other stormwater best management practices to manage runoff from the site during construction and operation.

LNG Spills

LNG (liquified natural gas) spills are extremely rare events. However, a spill would not contaminate groundwater as LNG evaporates quickly.

Visit **DominionEnergy.com/MoriahEnergyCenter** to learn more.

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