

# HAYES-WEST FREMONT TRANSMISSION PROJECT

FirstEnergy’s \$4.2 billion “Energizing the Future” initiative includes installing transmission projects within FirstEnergy’s footprint to enhance system reliability as power plants in the region are deactivated.

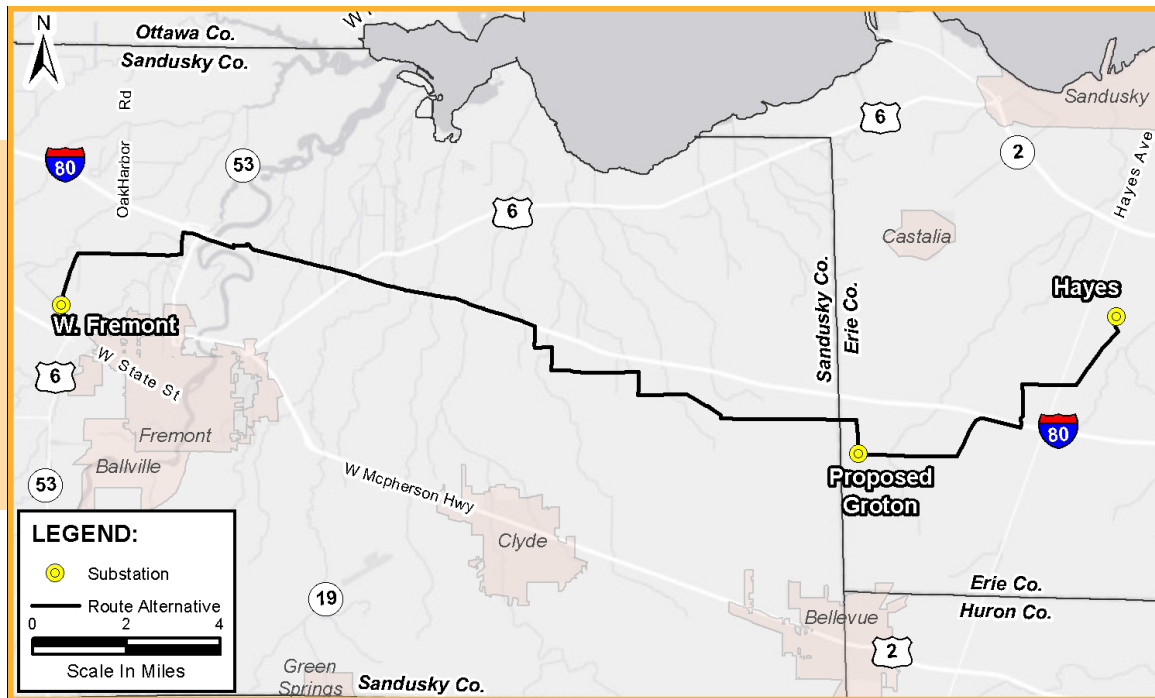
PJM Interconnection (PJM) is the regional transmission organization that coordinates the movement of electricity and oversees reliability in all or part of 13 states and the District of Columbia. PJM has identified numerous transmission projects that are needed throughout the region to ensure system reliability as power plants in the region are deactivated. These include nine FirstEnergy plants that were deactivated in the region due to the high cost of complying with the U.S. EPA Mercury and Air Toxics Standards (MATS) and other environmental rules.

While the bulk of FirstEnergy’s projects are needed to ensure system reliability as power plants are deactivated in northern Ohio, transmission projects

will also be completed in Pennsylvania, West Virginia, New Jersey and Maryland as part of FirstEnergy’s on-going commitment to enhance its transmission system reliability. The company estimates spending about \$1.2 billion on power plant retirement-related projects over the next five years.

FirstEnergy’s projects are both small and large. The small projects include adding transformers and other facilities in existing substations and replacing conductors on existing transmission lines. The larger projects involve three main types of transmission reinforcement: building new 138- and 345-kilovolt transmission lines; constructing new substations; and converting some of FirstEnergy’s retired generating units to synchronous condensers to provide voltage support in the northern Ohio region.

*Continued*



## TRANSMISSION

---

The Hayes-West Fremont 138 kV Transmission Line Project will extend approximately 30 miles from FirstEnergy's Hayes Substation in Erie County to the company's West Fremont Substation in Sandusky County, with a connection to a planned distribution Substation ("Groton" on map). The transmission line will be double circuit and located within a 60 foot wide right-of-way and will be built primarily on wooden poles. The cost of the project is approximately \$20 million.

## SUBSTATION

---

To accommodate the line, minor work will be performed at the Hayes Substation and West Fremont Substation. This work will include new transmission line exit points and the addition of a breaker. The cost for this part of the project is approximately \$2.4 million.

## REGULATORY APPROVAL

---

American Transmission Systems, Incorporated (ATSI), a FirstEnergy company, filed an Application for a Certificate of Environmental Compatibility and Public Need in December 2013 with the Ohio Power Siting Board for approval to construct the Hayes-West Fremont 138 kV Transmission Line. The Application was approved August 25, 2014. The route approved by the Ohio Power Siting Board is shown on the attached map.

## EASEMENT / PROPERTY ACQUISITION

---

The majority of the project will be constructed in new transmission right-of-way. Construction will not begin until necessary approvals are received and easements are in place. Construction is expected to begin mid 2017 and the project to be placed in service August 31, 2018.

## PROJECT TIMELINE

---

Aug. 25, 2014 .....Approved by Ohio Power Siting Board  
January 2017.....All Permits Obtained  
February 2017.....Right-of-Way Clearing Begins  
May 2017.....Transmission Line Construction Begins



For more information, visit [firstenergycorp.com/transmission](http://firstenergycorp.com/transmission).

---

