

Transource Independence Energy Connection Project



Transource® is developing the Independence Energy Connection (IEC) project, a new overhead electric transmission project to increase consumer access to more affordable power in the region.

The infrastructure project will be built in two segments, East and West, totaling approximately 45 miles of transmission line in Pennsylvania and Maryland. The project also includes the construction of two new substations in Pennsylvania and upgrades to two existing substations in Maryland.

- The East segment of the project includes approximately 16 miles of new overhead electric transmission line that will connect a new substation to be constructed in Lower Chanceford Township, in York County, Pennsylvania, to the existing Conastone Substation, near Norrisville, in Harford County, Maryland.
- The West segment of the project includes approximately 29 miles of new overhead electric transmission line that will connect a new substation to be constructed in Southampton Township, in Franklin County, Pennsylvania, to the existing Ringgold Substation, near Smithsburg, in Washington County, Maryland.

PJM Interconnection, the regional transmission organization responsible for managing the high-voltage electric grid for 13 states, including Maryland and Pennsylvania, identified concerns with the delivery of electricity into the region and reviewed solution proposals from competitive transmission companies. PJM selected Transource's solution to address the market-efficiency issues and awarded construction of the project to the company in August 2016.

Project Update

Transource hosted two rounds of open house meetings during summer 2017 and presented hundreds of miles of route options for public input.

Transource worked to balance input with a variety of factors such as existing land use, sensitive species and habitats, soils and topography, historic and cultural resources, and the opportunity to parallel existing infrastructure.

The proposed routes were announced in October 2017 and are part of applications to construct the project filed with the Pennsylvania Public Utility Commission and Maryland Public Service Commission in December 2017.

Both regulatory bodies will conduct thorough reviews of PJM Interconnection's assessment of the need for this project, take additional public comment, and review the proposed route and siting of the needed infrastructure.

Construction of the IEC is expected to begin in 2019, with a project in-service date of mid-2020.

Expected Project Timeline

2017

- Determine study segments
- Incorporate public input
- Submit application to regulators

2018

- Right-of-way acquisition and permitting
- Regulatory approval

2019

- Construction

2020

- Project in-service

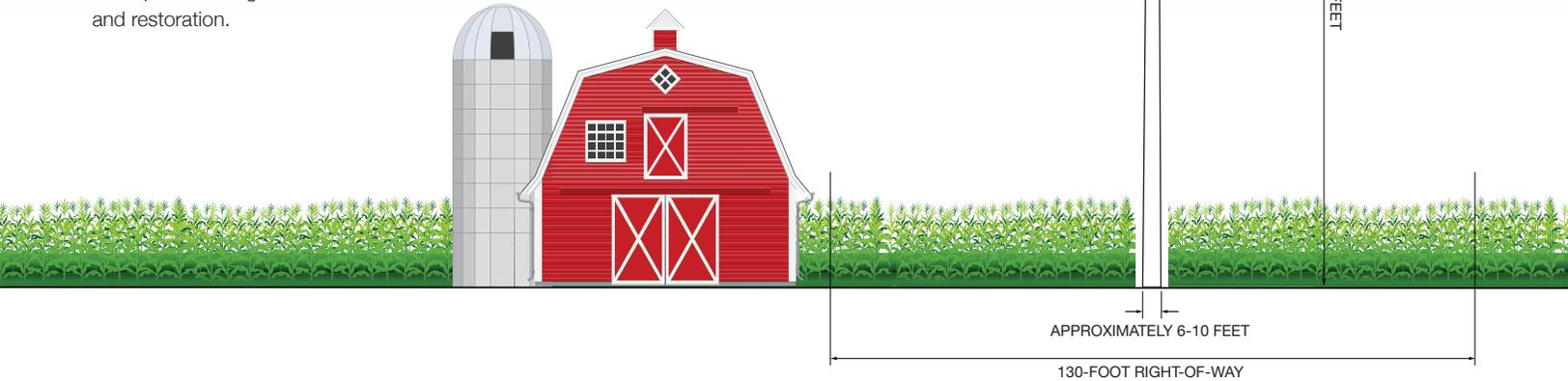


Proposed Structure

230 kV Double-Circuit Steel Monopole

Based on input from the public and agricultural community, Transource has updated its proposal to include the use of steel monopoles on the project. The rendering depicts a typical 230 kV double-circuit steel monopole; however, engineering standards or topography may require a variance in structure type or height along the route. The typical right-of-way is 130 feet wide for safe construction, operation and maintenance of the facilities.

Typical regional farming practices can continue within the right-of-way, right up to the structure, and landowners will be fairly compensated for easements required to build the line, as well as potential impacts or crop loss during construction and restoration.



Proposed Routes



- Proposed new substation locations
- Existing substation locations
- Existing 500 kV lines
- Proposed 230 kV lines

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