

Cardinal- Hickory Creek

TRANSMISSION LINE PROJECT



Overview

American Transmission Co., ITC Midwest LLC and Dairyland Power Cooperative are proposing a high-voltage transmission line connecting northeast Iowa and southwestern Wisconsin that would provide economic savings, support renewable energy policy and improve electric system reliability. A study area from Dubuque County, Iowa, to Dane County, Wisconsin, has been identified for the approximately 125-mile, 345-kilovolt line.

Project provides local, regional benefits

Analysis by the MISO regional transmission organization indicates that the Cardinal-Hickory Creek Transmission Line Project is a multi-benefit project that would deliver benefits to local communities and the Midwest region in three important ways:

Improve electric system reliability locally and regionally

- Improve stability of the regional transmission grid
- Add an additional interstate transmission connection between Wisconsin and Iowa
- Offset the need for lower voltage upgrades

Deliver economic benefits for utilities and electric consumers

- Reduce congestion on the transmission system that will lower energy costs
- Improve efficiency of grid; more efficient grid reduces the cost to deliver energy
- Provide economic impact benefits to local communities during construction

Expand infrastructure to support public policy for greater use of renewables

- Establish another pathway for renewable energy to serve customers with connections to key load centers

Routing and siting process

ATC, ITC and Dairyland follow a careful and deliberate process that provides guidance for identifying and analyzing options for routing and siting transmission lines. Through input we receive from government agencies, the public, communities and landowners, we consider options that are appropriate for the location and issues associated with a project.

Public participation

ATC, ITC and Dairyland recognize the critical role that local residents, landowners and communities play in reviewing and hosting new electric transmission lines. The companies are committed to working with stakeholders to identify possible routes for the project.



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Anticipated schedule

Public involvement.....	Began in 2014
Plan to file applications with state regulators.....	2018-2019
Anticipated decision from state regulators on applications.....	2019-2020
Planned project in service.....	2023

PROJECT AT A GLANCE

Areas benefited: Iowa, Wisconsin and the Midwest

Length of line: Approximately 125 miles

Voltage: 345,000 volts

End points: The western end point of the line will be at the Hickory Creek Substation in Dubuque County, Iowa. The eastern end point of the line will be the Cardinal Substation in the Town of Middleton, Wisconsin. There also will be a new substation proposed in the Montfort, Wisconsin, area as part of the project.

Visit www.Cardinal-HickoryCreek.com for more information about the project.

