

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. Proposed routes from Dubuque County, Iowa, to Dane County, Wisconsin, have been identified for the 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

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.

Follow the Wisconsin regulatory process

1. Visit <https://psc.wi.gov>
2. Click the "Docket Search" magnifying glass icon
3. Enter docket number 5-CE-146



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Anticipated schedule

Public involvement.....	Began in 2014
Plan to file applications with state regulators.....	2018
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 proposed routes:

Preferred route: Approximately 102 miles

Alternate route: Approximately 120 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.

Project contacts

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

