

**PROPOSED HILL VALLEY SUBSTATION**

**CARDINAL SUBSTATION**

**TURKEY RIVER SUBSTATION**

**HICKORY CREEK SUBSTATION**

**CARDINAL-HICKORY CREEK TRANSMISSION LINE PROJECT**  
**PROPOSED WISCONSIN ROUTES**

- Proposed Preferred Route
- Proposed Alternate Route
- Proposed Other Route

Study Area  
 Outside Study Area

Proposed Hill Valley Substation Areas

Preliminary Iowa Route

**PRIORITY CORRIDORS**

**EXISTING TRANSMISSION LINES**

- Substation
- 69 kV
- 138 kV
- 161 kV
- 345 kV

**OTHER**

- Interstate, US or State Highway
- County Highway
- Road
- Railroad
- Approximate Gas Pipeline

Environmentally Sensitive Lands\*

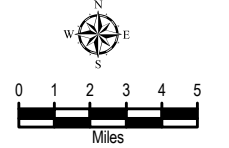
\* Includes Federal Wildlife Refuges, State Fishery Areas, Managed Forests, Natural Areas, Parks, Waterfowl/Wetland Management Areas, Wildlife Refuges, County Parks, and Municipal Parks.

State Boundary

City / Village

County Boundary

Open Water



Jon Callaway  
Biography  
November 2017

Born in Madison, Jon Callaway is a Local Relations Consultant and has been with the American Transmission Co. since July 2008. His primary responsibilities include working with landowners, government officials and other stakeholders impacted by ATC projects. Prior to joining ATC, Jon was a litigation attorney practicing primarily criminal defense in Madison, WI. He holds a J.D. degree from Drake University Law School and a B.A. degree in Political Science from the University of Wisconsin-Madison. He is also a licensed football official working games at the high school, small college and semi-professional levels.

# 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



# Cardinal- Hickory Creek

## 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](http://www.Cardinal-HickoryCreek.com) for more information about the project.





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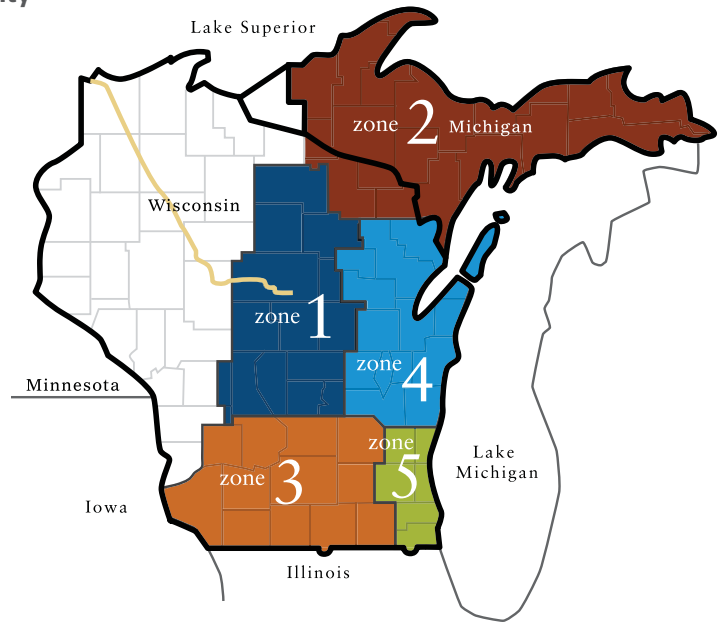
### ATC AT A GLANCE

- Formed in 2001 as the first multi-state, **transmission-only utility**
- Owner and operator of approximately **9,600 miles of transmission line and 554 substations**
- Meeting electric needs of more than **five million people** in 72 counties in four states: Wisconsin, Michigan, Minnesota and Illinois
- **\$4.6 billion** in total assets

### CONTACT

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More detailed information is available at [atc10yearplan.com](http://atc10yearplan.com)



[atcllc.com](http://atcllc.com)

**Would you like a speaker from ATC to address your group?**  
Give us a call, toll-free, at (866) 899-3204, ext. 8679.



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