Who we are

ATC is a Wisconsin-based transmission-only utility that owns, operates, builds and maintains more than 9,600 miles of transmission lines and 550 substations in a four-state area of the Upper Midwest.

atcllc.com

ITC Midwest is a wholly-owned subsidiary of ITC Holdings Corp., the nation's largest independent electricity transmission company. ITC Midwest operates more than 6,600 circuit miles of transmission lines in Iowa, Minnesota, Illinois and Missouri, and holds utility status in Wisconsin.

itc-holdings.com

Dairyland Power Cooperative, with headquarters in La Crosse, Wis., provides wholesale electricity to 24 member distribution cooperatives and 17 municipal utilities. A Touchstone Energy Cooperative, Dairyland's service area encompasses 62 counties in Wisconsin, Minnesota, Iowa, and Illinois.

DairylandPower.com

Cardinal–
Hickory Creek
TRANSMISSION LINE PROJECT

5303 Fen Oak Dr.
Madison, WI 53718-8810

Myth: This project isn't needed because electric demand in Wisconsin is flat

Fact: This is not a one-dimensional project simply to address increasing energy use. It is designed to improve electric reliability, access to lower-cost power and access to cost-effective, in-demand renewable resources. It would also improve the flexibility of the grid to address the retirement of traditional power plants and the addition of new sources of electricity generation.

Public opinion about how this project would address key energy issues

A recent study conducted by Capital Opinion found that southwest Wisconsin residents see value in the benefits of the Cardinal-Hickory Creek Project.

64% are convinced this project can help provide access to replacement power as old, traditional power plants are taken off line.

Source: Capitol Opinion Poll of Southwest Wisconsin conducted in March 2018

SPRING/SUMMER 2018

Cardinal–
Hickory Creek
TRANSMISSION LINE PROJECT

About 95 percent of the preferred route in Wisconsin follows existing utility and highway corridors, which would minimize environmental impacts by building where infrastructure already exists.

ATC, ITC Midwest, Dairyland Power Cooperative submit Wisconsin application to construct project

Following years of analysis and public outreach, American Transmission Co., ITC Midwest and Dairyland Power Cooperative in late April filed a joint application for a Certificate of Public Convenience and Necessity (CPCN) with the Public Service Commission of Wisconsin (PSCW) and the Wisconsin Department of Natural Resources seeking approval to build a 345-kilovolt transmission line from Dane County, Wisconsin, to Dubuque County, Iowa.

"Dairyland's cooperative members—and energy users across the region—depend on a reliable, safe transmission system to meet their needs every day," said Ben Porath, Dairyland Vice President, Power Delivery. "Investing in a robust transmission system is necessary for regional reliability, particularly in light of how the sources of electricity generation are changing. Dairyland is committed to diversifying its generation portfolio with more renewable resources to benefit our electric cooperative members, and the ability to reliably transport that energy will be of great importance. This project also will support stable energy prices by reducing grid congestion."

> 'Investing in a robust transmission system is necessary for regional reliability, particularly in light of how the sources of electricity generation are changing.'
>
> ***- Ben Porath***
> *Vice President, Power Delivery*
> *Dairyland Power Cooperative*

The utilities are required to propose two route options for the transmission line.

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Project by the numbers

Preferred route: Approximately 102 miles

Alternate route: Approximately 120 miles

Estimated cost: $492 million to $543 million, depending on the route. Wisconsin electric consumers would pay for approximately 10 to 15 percent of the construction cost.

Estimated economic benefits: $23.5 million to $350.1 million in economic benefits, after taking the project cost into account.

Estimated pole heights: 120 to 160 feet; some may be up to 195 feet to address site-specific needs in limited areas

Estimated poles per mile: 5 to 7

PSCW docket: Docket No. 5-CE-146. Access hundreds of pages of detailed project information at psc.wi.gov.

The project will connect to transmission lines in the Upper Midwest and help enable 25 gigawatts of cost-effective renewable energy to be delivered to communities in the region. That's enough to power 17.5 million homes.

CARDINAL-HICKORYCREEK.COM

ATC, ITC Midwest, Dairyland Power Cooperative submit Wisconsin application to construct project

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Approximately 95 percent of the 102-mile preferred route in Wisconsin follows existing utility and highway corridors, versus 63 percent on the alternate route.

"We appreciate the public's active involvement over the past several years in helping us evaluate possible routes," said ITC Midwest Local Government and Community Affairs Area Manager Angela Jordan. "We've looked at hundreds of paths for these lines and made adjustments based on what we learned from area landowners, businesses, community organizations and local officials."

"Once the PSCW deems our application complete, the regulatory review process should take 12 months," said ATC project Manager Tom Schemm. "During that time, the PSCW will provide opportunities for the public and other stakeholders to provide input and follow the regulatory review process."

If approved, project construction would begin in 2021 to meet an in-service date of late 2023.

The application to the PSCW can be found by visiting **psc.wi.gov** and entering Docket No. 5-CE-146.

Myth: Money would be better spent on energy efficiency.

Fact: Energy efficiency is important, and reduces energy consumption, but does not address the breadth of topics this project is intended to address.

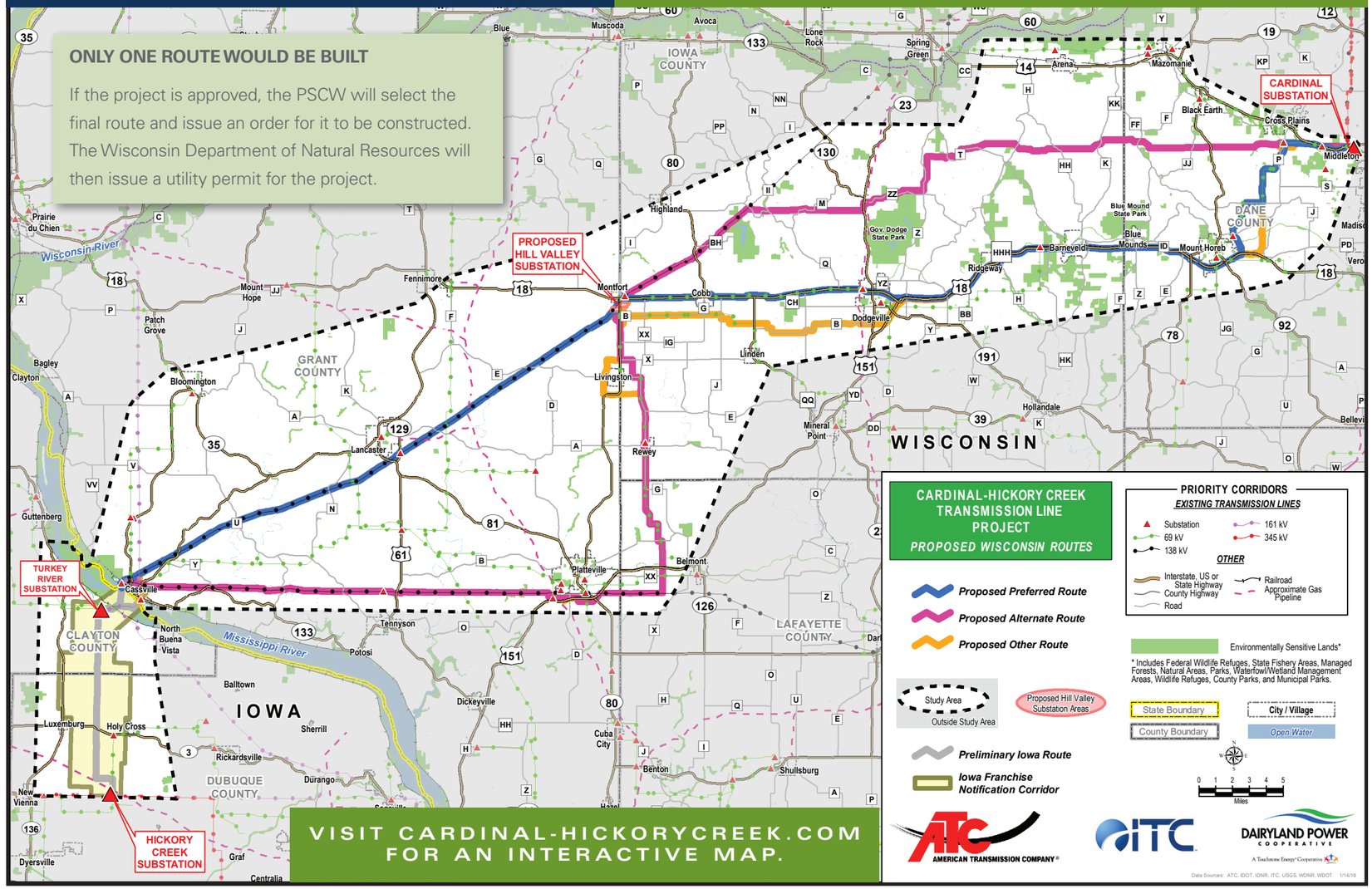
As a Multi-Value Project, the costs for the project will be shared by consumers across a multi-state region. In fact, Wisconsin electric customers will pay for 10 to 15 percent of the cost, and the economic benefits for Wisconsin electric consumers are expected to outweigh project costs.

A 2017 regional grid operator review of projects including this one reaffirmed that benefits will exceed costs by:

- Improving access to lower-cost generation.
- Reducing congestion. Congestion increases the cost of delivering energy and limits amount of new wind generation on the grid.

Cardinal–Hickory Creek Project

PREFERRED AND ALTERNATE ROUTES



VISIT CARDINAL-HICKORYCREEK.COM FOR AN INTERACTIVE MAP.

SPRING 2018

Applications filed with Public Service Commission of Wisconsin and Iowa Utilities Board after years of public outreach

2018

Federal Draft Environmental Impact Statement issued by USDA Rural Utilities Service

2019-2020

Anticipated decisions from state and federal regulators on application

Late 2023

Planned project in service

Answering your questions

Will this project move coal power?

As part of the interconnected electric grid that provides the essential service of moving power from where it's generated to where it's needed, the Cardinal-Hickory Creek project will be an open access line, serving whatever generation connects to it. That said, a major driver for the line's development is the changing electricity generation mix in Wisconsin and the region.

According to the PSCW Draft Strategic Energy Assessment 2024 (issued April 2018), Wisconsin utilities estimate that they will retire approximately 2,100 megawatts of Wisconsin-based natural gas and coal electric generation by 2024.

An additional 796 megawatts of new generation, including renewable generation, is expected to be added through 2024. Transmission lines like Cardinal-Hickory Creek will help connect this power to the customers who need it.