

Pleasant Prairie-Zion Energy Center Transmission Line Project

Overview

American Transmission Co. is proposing an approximately 5.3-mile, 345,000-volt electric transmission line from the Pleasant Prairie Substation in Pleasant Prairie, Wis., to the Zion Energy Center Substation in Zion, Ill.

Project benefits

ATC studies indicate that electric customers would benefit from the project in the following ways:

Provide savings for electric utilities and their customers

- Helps relieve transmission system congestion throughout the region and enables the most efficient generators to supply power to the energy market
- Allows utilities to buy and sell power when it's economic to do so

Improve electric system reliability, locally and regionally

- Adds an additional high-voltage line to strengthen the interstate transmission connection between Wisconsin and Illinois
- Allows for better regional access to emergency sources of power generation



Transmission line siting process

When building new transmission lines, Wisconsin law requires co-location with existing facilities and infrastructure where it is feasible. ATC will also use this approach for the Illinois portion of the line. Because the distance between the Pleasant Prairie Substation and the Zion Energy Center is less than six miles, there are relatively few corridors that would be suitable for a 345-kV transmission line.

ATC will need permission from government regulators in both Wisconsin and Illinois before it can start construction.

Schedule

<i>Public outreach</i>	2011-2012
<i>File application with Illinois and Wisconsin regulators</i>	Late 2011
<i>Anticipated response from regulators</i>	May 2012
<i>Anticipated start of construction</i>	Late 2013
<i>Line in service</i>	Early 2014



Public involvement

Informational meetings, website updates and periodic mailings will provide the public with opportunities to comment on the project, monitor developments and participate in the process.

Project at-a-glance

Areas benefited: Southeastern Wisconsin, Northeastern Illinois and the Midwest region

Length of line: Approximately 5.3 miles

Voltage: 345,000 volts

Project cost: *Approximately \$31 million*

End points: The northern end point of the line will be the Pleasant Prairie Substation in the Village of Pleasant Prairie, Wis. The southern end point of the line will be the Zion Energy Center Substation in the City of Zion, Lake County, Ill.

Your ATC contacts for this project:

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For additional project information, visit www.atc-projects.com.



ATC is a Green Tier company, selected by the Wisconsin DNR for demonstrating superior environmental performance and continual improvement.

Information current as of 10.5.2011



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