

RIVERSIDE TRANSMISSION LINE PROJECT

Overview

American Transmission Co. is proposing an approximately 4- to 4.5-mile, double-circuit, 345,000-volt transmission line from a planned new substation near the Alliant Energy West Riverside Energy Center to a 345-kV transmission line in the Town of Beloit.

The transmission line is needed to connect Alliant Energy's West Riverside Energy Center to the electric transmission grid. The West Riverside Energy Center, which is expected to begin operation in 2020, is a natural gas-fueled generating station with an integrated solar installation. According to Alliant Energy, it will provide a future supply of cost-competitive and reliable power for its customers and a significant economic investment in the Rock County region.

Transmission line routing process

The routing process for a new project begins with identifying a study area and then identifying corridors that may be suitable for a transmission line. When building new transmission lines, Wisconsin law requires co-location with existing facilities and infrastructure where it is feasible. In accordance with state law, corridors are prioritized in the following manner:

Primary opportunities – utility corridors:

- Existing transmission and other electric lines
- Pipelines

Secondary opportunities – transportation corridors:

- State and federal highways
- Railroads

Tertiary opportunities:

- Recreational trails

New corridors:

- Establish new corridors using section lines and/or property boundaries when feasible

Public participation – public open house meetings

ATC has a practice of engaging the public and other stakeholders in its proposed projects as a way to identify potential routes in advance of filing a regulatory application with the Public Service Commission of Wisconsin.

Anticipated schedule

Public involvement open houses

Phase 1: Preliminary corridors **Fall 2016**

Phase 2: Proposed routes..... **Spring 2017**

File application with Public Service Commission of Wisconsin..... **2017**

Anticipated decision from PSC on ATC application **2018**

Anticipated start of construction **2018**

Line in service..... **2019**



Project at a glance

Estimated project cost: Approximately \$40 million to \$50 million

Length of line: Approximately 4 to 4.5 miles

Voltage: 345-kilovolt

End points: The eastern end point of the line would be a new proposed substation near the West Riverside Energy Center in the Town of Beloit. The western end point of the line would be at a connecting point along the 345-kV Paddock-Rockdale transmission line in the Town of Beloit.

Your ATC contact is:

Charles Gonzales

Senior Local Relations Representative

866-899-3204, ext. 3644

cgonzales@atcllc.com



ATC is a member of the Green Masters Program, a recognition and assessment program for Wisconsin businesses interested in improving and being recognized for their sustainability initiatives

Information current as of June 2017



www.atc-projects.com