

MILTON TRANSMISSION LINE PROJECT

Overview

American Transmission Co. plans to build an approximately 4-mile, 69,000-volt transmission line to connect the new Rock Energy Cooperative substation, the Red Hawk Substation, in the industrial park near Milton Harmony Townline Road and County Highway M to the transmission grid that serves the south central Wisconsin area. The line will connect the new substation to the transmission grid via an existing 69,000-volt transmission line that parallels North County Highway Y.

Need for the project

Rock Energy Cooperative has been working with the Town of Milton and area residents to site the Red Hawk Substation to serve a growing need for reliable electric service in the area and to support continued growth of the Milton Industrial Park. ATC will be constructing the new transmission line that is needed to bring electricity to the new substation.

Facility siting process

When building new power lines, Wisconsin law encourages co-location with existing facilities and infrastructure, where feasible. The process begins by identifying a broad study area between the two end points of the transmission line. After a study area is defined, we look for existing corridors for potential co-location. Consistent with state law, those corridors are prioritized in the following manner:

Primary opportunities – utility corridors:

- Existing transmission and other electric lines
- Existing distribution lines
- Pipelines

Secondary opportunities – transportation corridors:

- Highways and roadways
- Railroads

Tertiary opportunities:

- Recreational trails

New corridors – “greenfield” development:

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

Public participation

Local officials and residents helped identify possible corridors and potential routes for the new transmission line through open houses sponsored by ATC and Rock Energy Cooperative. A map showing the final route is available on ATC's web site.



Project schedule

Identify potential routes with public involvement	Summer/Fall 2009
Environmental analysis	Fall 2009
Open house on potential routes	Summer/Fall 2009
Apply for local approvals and permits	Winter 2009
Final Route Identified	January 2010
Start construction	Summer/Fall 2010
Project in-service.....	Winter 2010

Environmental commitment

American Transmission Co.'s environmental commitment is built upon its core values—service to its customers, honesty, social responsibility, stakeholder inclusion, financial and environmental sustainability, and respect for its employees and customers. ATC supports sustainable environmental policies and actions by balancing stewardship with financial considerations, engineering and maintenance requirements, and social impacts.

Project at a glance

Communities affected: City of Milton, City of Janesville, Town of Milton and Town of Harmony

Length of line: Approximately 3 to 6 miles, depending on the route

Voltage: 69,000 volts

Endpoints: New Red Hawk Substation near the corner of Milton Harmony Townline Road and County Highway M and the existing transmission line along North County Highway Y from the Janesville area into the City of Milton

Line design

The line structures will be approximately 60 to 80 feet tall and will be either wood or weathering steel, which appear brown in color.



Sample pole designs

For more information

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Up-to-date information on the project, including a map of the route is available on our projects website at 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 January 2010



www.atcllc.com