

NELSON DEWEY TRANSMISSION LINE INTERCONNECTION PROJECT

PROJECT OVERVIEW

When utilities add new electric generators to their system, the additional output of electric power often requires new or upgraded transmission lines. This is called an interconnection. Wisconsin Power and Light, an Alliant Energy Company, has proposed to build a 300-megawatt expansion at their Nelson Dewey Generating Station located in the Village of Cassville, Wisconsin, near the Mississippi River.

The transmission facilities needed to move the power from the Nelson Dewey plant will extend across the Mississippi River into Iowa. ATC's portion of the needed transmission facilities include a new 161-kilovolt line, approximately two miles in length, from the Nelson Dewey plant to the existing transmission line crossing of the Mississippi River near the Stoneman Substation.

ROUTING AND SITING

State policy on new transmission lines requires that existing corridors, such as existing utilities, railroads and roadways be considered before looking at other areas. The input and feedback from the public, along with ATC's comprehensive evaluation of potential routes, are used to narrow the options to two routes that will be included in a construction application to the Public Service Commission of Wisconsin (PSC).

PROJECT SCHEDULE

Public open house on preliminary routes	July 18, 2007
Route evaluation by ATC	July-October
Public open house on proposed route options	November 14, 2007, 5-7 p.m.
Open house on final routes	First quarter 2008
Construction application to PSC	Second quarter 2008
Regulatory decision	Mid-2009
Construction (if approved).	2010
In-service date	Mid-2011

PUBLIC INVOLVEMENT

ATC, along with WP&L, is working with property owners who may be impacted by a new transmission line to ensure that concerns and issues are heard. When ATC submits its application to the PSC in 2008, the public will be encouraged to participate in the regulatory review process. The PSC, the state agency responsible for authorizing major utility projects, conducts a thorough evaluation of the project, determines if the project is needed, evaluates the impacts, holds public hearings and decides on the most suitable route. Permits also may be needed from the Department of Natural Resources, or other state and federal agencies.

ABOUT ATC

Everything we do at ATC is designed to ensure and improve the reliability of the electric transmission system and meet the needs of electric consumers. ATC is a transmission-only utility that owns, operates, plans, monitors, and maintains approximately 9,100 miles of electric transmission lines in portions of Wisconsin, Upper Michigan, Minnesota and Illinois.

YOUR ATC CONTACT

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