

# **PADDOCK – ROCKDALE**

## **345-KILOVOLT TRANSMISSION LINE**

### **DESCRIPTION**

ATC is proposing a new 345-kilovolt transmission line between the Rockdale Substation in the town of Christiana and the Paddock Substation in the town of Beloit in Rock County (approximately 35 miles). This project benefits electric consumers differently from other electric transmission projects proposed in recent years, which largely have been in response to weaknesses on the system and reliability issues. The primary purpose of a high-voltage transmission line to the south is to provide an additional connection to another region for the purpose of giving local distribution utilities access to lower cost power from Illinois and bring it into Wisconsin. While the Paddock-Rockdale project is driven largely by economics, it also will benefit electric consumers with a more stable, reliable electric system.

This project requires a review and authorization by the Public Service Commission of Wisconsin which is the regulatory agency that reviews and authorizes utility projects. ATC plans to prepare and submit an application in spring 2007. Under state law we are required to include in our construction application two route options. The route that we proposed to the PSC as our preferred route is along an existing utility corridor where a 345-kilovolt transmission line already is located. Our application to the PSC will clearly state our plans and preference for this route as the most suitable location for the new line. The route we intend to designate as an alternative route is along a utility corridor where a 138-kilovolt or 69-kilovolt transmission line is located. The alternative route is approximately two miles east of the 345-kV line. Both the preferred and the alternative routes will be reviewed by the PSC.

ATC will communicate with property owners along both the preferred and alternative routes prior to submitting the construction application. The public will have an opportunity to participate in the PSC regulatory process and we'll be notified when the PSC renders a decision. ATC will continue to work with landowners through the construction activities.

### **SCHEDULE**

Public outreach . . . . .	Ongoing
Construction application filed with PSC . . . . .	Spring 2007
PSC decision/construction starts. . . . .	2008
Line placed in service . . . . .	Spring 2010

For information, contact John Garvin at 1-866-3204 x3543 or Mary Carpenter at x6922.

