



Connections update issue

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Connections is an electronic newsletter created to keep you, our customer, up to date on key projects and issues.

In this issue, find out about the Plains - Amberg - Stiles and Amberg - West Marinette Projects. (See photos below.) This line is critical to providing reliability and alleviating constraints in northeastern Wisconsin and Michigan's Upper Peninsula.



(Photos left to right: Holmes Substation, Amberg Substation)

Ideas Wanted!

We are eager to hear your ideas, feedback, and suggestions for Connections. Submit articles or ideas you would like to see in an upcoming issue.

Be sure to check out the Upcoming Events page for the dates of 2006 Network Customer Meetings and a link to the Midwest Market Initiative meeting site.

We welcome your ideas, feedback and suggestions for **Connections**. Send us a note or complete the [feedback form](#) at left with ideas for articles you would like to see in upcoming issues.

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Plains-Amberg-Stiles & Amberg-West Marinette Projects

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Major Work Underway in Plains - Amberg - Stiles & Amberg - West Marinette Projects

The Plains-Amberg-Stiles and Amberg-West Marinette projects will significantly improve transmission service in Wisconsin and Michigan's Upper Peninsula. The work on the Plains-Amberg-Stiles segment will alleviate transmission system constraints. Currently, the condition of this segment severely restricts transmission service in the northern portion of ATC's service territory. The associated work on the Amberg-West Marinette segment was completed in November 2005 and improved the reliability of the transmission system.

These projects are involved and encompass major substation and line work. Included are

- major upgrades at Plains, Amberg, Crivitz and Stiles Substations;
- complete rebuild of 65 miles of double circuit 138 kV transmission lines from Plains to Stiles Substations;
- construction of the new Holmes Substation (near White Rapids Hydro) and Ingalls Substation (near Grand Rapids Hydro);
- upgrades at White Rapids, Grand Rapids, Bay de Noc, Menominee and West Marinette Substations;
- removal of Rosebush Substation; and
- conversion of 45 miles of 69 kV circuit from Amberg to West Marinette to a 138 kV circuit with Menominee to West Marinette as double circuit 69/138 kV.

The Plains-Amberg substation and transmission line work started in early 2005 and was placed in service on October 17. To support the rebuild of this line, a temporary line adjacent to the existing transmission line from Plains to Amberg was built in early 2005. This temporary line has been transferred to the new permanent structures, the temporary wood poles have been removed, and right-of-way clean-up is in progress. ATC anticipates that this work will be completed in February 2006.

The Amberg-West Marinette transmission line and substation work also started in early 2005 and has been placed into service in stages throughout the summer and fall, with the last segment being placed into service on November 30.

The final stage of this large project started on December 5 when ATC began rebuilding the Amberg-Crivitz-Stiles double circuit 138 kV line. The Amberg-Crivitz rebuild is anticipated to be completed by June 2, 2006. The Crivitz- Stiles rebuild will be completed by December 1, 2006.

ATC Project Manager Duane Schoon explained, "This is a complex project that has required significant cooperation from and coordination with local distribution companies, local communities, landowners, and various construction contractors. With the completion of the project in late 2006, the capabilities and reliability of transmission system in northeast Wisconsin and Michigan's Upper Peninsula will be greatly improved."

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Department News

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Here's an update on what's going on at ATC.

ATC Named to Wisconsin's New Green Tier Program

The Wisconsin Department of Natural Resources recognized ATC as one of the first participants in the state's new Green Tier program for exceptional environmental performance on October 3, 2005. Wisconsin's Green Tier is the first and only legislatively-approved program in the country that seeks to improve environmental protection through performance-based oversight. As a program participant, ATC commits to incorporating environmental sensitivity, protection, and restoration into the design and construction of transmission lines.

As part of its participation in Green Tier and through its progressive environmental management system, ATC worked with local communities and the Natural Resources Foundation of Wisconsin, Inc. to protect and preserve sensitive natural resources. ATC also collaborated with the U.S. Fish and Wildlife Service on relocation of eagle and osprey nests.

Planning releases 2005 10-year transmission system assessment

ATC released the 2005 10-Year Transmission System Assessment in September. The full report is presented on a new Web site, www.atc10yearplan.com. The summary report is in printed form. Contact Kim Spurley, kspurley@atcllc.com to request a copy of the summary report.

Local Relations Hosts Open houses

More than 2,000 people attended open house events hosted by ATC during the second half of 2005 for several major projects including the Jefferson County Reliability Project, Dodge County System Upgrade, several projects in Dane County including the Rockdale to West Middleton 345 kV project. Open house events are held at various stages of a project to introduce to the public the need and benefit of the project, present possible route alternatives, and talk about environmental, real estate, engineering and regulatory aspects of the projects. In addition to open houses, ATC representatives also gave more than 30 presentations during the year to various groups and organizations. For more information on ATC's projects, visit www.atcllc.com.

ATC's Environmental Department develops & implements "Fred"

"Fred" is an environmental management system that provides a systematic means of organizing, evaluating, maintaining and improving ATC's environmental performance. It uses the ISO 14001 standard as a model but incorporates an emphasis on stakeholder outreach and transparency to outside organizations and

individuals. "Fred" consists of various interrelated management practices in the form of written procedures, work instructions and standards. Each practice is designed to translate ATC's Statement of Environmental Commitment into the daily operations of ATC, its employees and its contractors. "Fred" includes audit training programs as well as the resources necessary to meet ATC's environmental goals.

The team's next focus is to develop procedures that will serve as standards for how ATC does construction, and environmental feature avoidance and protection.

State Regulatory updates status of projects for 2005

ATC's State Regulatory department updated its project application and approval list for 2005. Applications were filed with the Public Service Commission of Wisconsin for the projects listed below.

Filed and approved:

Werner West Substation
East Beaver Dam Substation

Filed:

Morgan - Werner West
Gardner Park - Central Wisconsin
Jefferson County Reliability Project
Venus - Metonga
Delavan - Darien Reliability Project, Phase 2
Gardner Park - Hilltop
Aspen Substation
Cranberry - Conover - Iron River - Plains

Approved:

Delavan - Darien Reliability Project, Phase 1
Oak Creek Expansion Project, Phase 1
Femrite - Sprecher

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upcoming events

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2006 Network Customer Meetings

(Meetings are held in ATC's Pewaukee Office, 10am - 2pm, unless otherwise noted)

Thursday, May 25

Thursday, August 24

Thursday, November 16

Midwest Market Initiative Meetings

For a complete list of Midwest ISO meetings, click on the following link.

<http://www.midwestmarket.org/page/MisoPortalHome>

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