



State Regulatory Affairs and Local Relations Update

ATC Customer Meeting
November 19, 2009





Project Certification



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State Regulatory Affairs

CA/CPCN Applications (Filed/Ordered/Under Review)

<i>Project Name</i>	<i>Date Filed</i>	<i>PSCW Review Status</i>
Rockdale-W. Middleton New 345 kV Line [CPCN]	10/16/2007	Order Received: June 26, 2009
Nelson-Dewey G-T Interconnection [CPCN]	7/22/2008	To be Withdrawn Upon Approval of Amended Affiliated Interest Agreement
Rebuild Arpin-Rocky Run 345 kV Line [CA]	9/29/2008	Order Received: March 16, 2009
Y33 (Brodhead-South Monroe) 69 kV Rebuild [CA]	9/29/2008	Order Received: April 9, 2009
Kewaunee Switchyard Improvements [CA]	11/17/2008	Order Received: March 12, 2009
Canal-Dunn Road 138 kV Line [CPCN]	11/17/2009	Completeness Review Underway

CA/CPCN Applications (to be filed)

<i>Project Name</i>	<i>To be Filed 2010</i>	<i>To be Filed 2011-2013</i>
Clear Lake-Woodmin T-D Interconnection & New 115 kV Line [CPCN]	Apr 2010	
Monroe County-Council Creek 161 kV Conversion [CPCN]	Jul 2010	
Colley Road-Brick Church 69 kV Line Y-32 Rebuild [CA]		Jan 2011
Dyckesville-Sawyer 69 kV Line Y-21 Rebuild [CA]		Sep 2011
Point Beach Nuclear Plant Uprate Interconnection [CPCN]		Jan 2012
North Lake Geneva-South Lake Geneva - New 138 kV Line [CPCN]		Jan 2012
La Crosse-Madison - New 345 kV Line [CPCN]		Aug 2012
West Middleton-Blount 69 kV to 138 kV Conversion [CPCN]		Feb 2013
Dunn Road-Egg Harbor 69 kV Line [CA]		Jun 2013



Future Projects

- Upper Midwest Transmission Development Initiative:
 - La Crosse-Madison 345 kV Line
 - Iowa-Madison 345 kV Line
- Madison-Milwaukee 345 kV Line
- 345 kV System Improvements to Support New Wind Generation
- D-T Interconnections
- G-T Interconnections
- Asset Maintenance Projects



Smart Grid Grant Applications to U.S. Department of Energy

- August 6 – ATC filed 3 Smart Grid Investment Grant applications with the USDOE
 - Phasor Measurement Units Project
 - Enhanced SCADA and PMU Communications Backbone Project
 - Power Flow Control Project
- October 27 – USDOE informed ATC that two applications were selected for grant negotiations:
 - Phasor Measurement Units Project
 - \$2.7 Million
 - ~ 60 Sites (345 kV substations, substations with interconnected generation > 200 MW, substations with wind integration collection interconnection > 50 MW)
 - Enhanced SCADA and PMU Communications Backbone Project
 - \$22.9 Million
 - 65 miles of OPGW (northeast, north central & southeast Wisconsin)
 - Leased fiber build-out to substations



Smart Grid Grant Applications to U.S. Department of Energy (cont'd)

- November 19 – USDOE overview for successful applicants of the SGIG negotiation process (Arlington, VA)
- December 2009 Into 1st Quarter 2010 – SGIG grant negotiations with USDOE



Communication and Public Outreach



Mary Carpenter
Local Relations



Major 345 kV Projects

- **Rockdale-West Middleton (Dane County)**
 - Three years of public outreach pre-filing
 - CPCN issued late June 2009
 - Going forward:
 - Public outreach continues – managing expectations
 - Final design through summer 2010; ROW acquisition through summer 2011; construction summer 2011-2013
 - Pre-construction open houses and ongoing communication



Major 345 kV Projects (cont'd)



- **Paddock-Rockdale Line (Dane and Rock counties)**
 - “Access” project to facilitate MISO regional market
 - CPCN issued June 13, 2008
 - Construction under way
 - In-service next spring - 2010

Major 345 kV Projects (cont'd)

- **Gardner Park-Central Wisconsin & Morgan-Werner West Lines**
 - The last segment was placed into service in early October





Major 138 kV Projects

- **Fitchburg (Oak Ridge)-Verona (Dane County):**
 - CPCN issued on January 23, 2008
 - Oak Ridge Substation is in service
 - Construction pending on t-line portion of the project; in service in summer 2010



Major 138 kV Projects (cont'd)

- **Cranberry-Conover-Iron River-Plains (Vilas, Forest, Florence—and UP Michigan):**
 - Segments 1 through 3 – in-service
 - Segment 4 – construction underway; in-service June 2010

Jefferson County 138kV



- 17 miles
- Connects the Stony Brook Substation in Waterloo to the Jefferson Substation located outside the city of Jefferson
- Placed in service in early October
- \$30 million



Rock – Walworth 138 kV Upgrade

- 30 miles: Rock River Substation in the town of Rock to the Elkhorn Substation in the city of Elkhorn
- Five-year, multi-phase project
- Replaced the existing 69,000-volt transmission system



Public Outreach on Other Projects:

- **Canal – Dunn Road:**
 - 8-mile, 69/138 kV lines (Sturgeon Bay to the Town of Sevastopol)
 - CPCN application being reviewed by PSCW
- **Clearlake Substation – Woodmin:**
 - 7-mile, 115 kV line transmission – distribution interconnection
 - Application being prepared for submittal next spring

Public Outreach for Maintenance Work

- Vegetation removal from ROWs continues to be sensitive
- Solid process for notification and outreach
- Recognized by industry peer group
- Using landowner feedback to fine tune activities





Questions?

Thank you!

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