# 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)

Project Name	Date Filed	PSCW Review Status
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Nelson-Dewey G-T Interconnection [CPCN]	7/22/2008	To be Withdrawn Upon Approval of Amended Affiliated Interest Agreement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)

Project Name	To be Filed 2010	To be Filed 2011-2013
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 1<sup>st</sup> Quarter 2010 SGIG grant negotiations with USDOE







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#### **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)



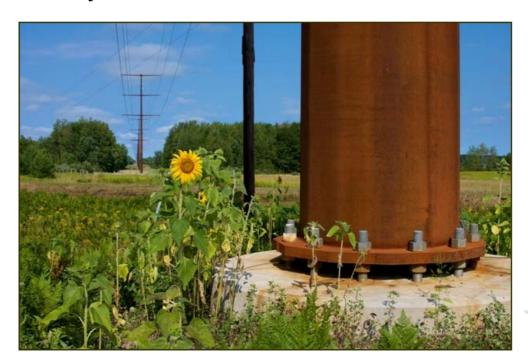
#### Paddock-Rockdale Line (Dane and Rock counties)

- "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
  - <u>Segment 4</u> 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

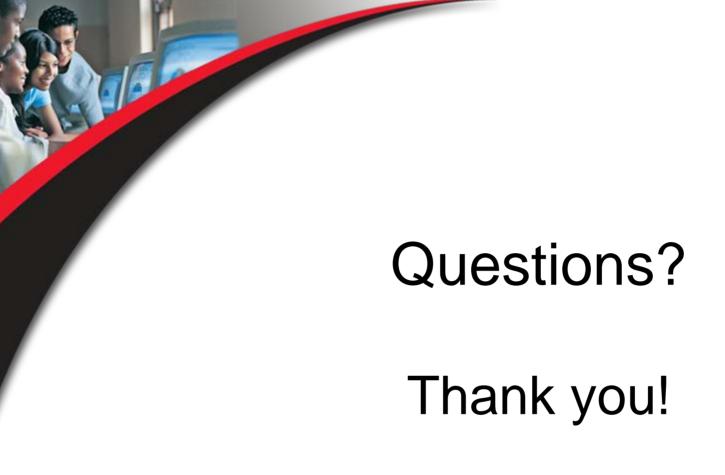




- Vegetation removal from ROWs continues to be sensitive
- Solid process for notification and outreach
- Recognized by industry peer group
- Using landowner feedback to fine tune activities







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