

2012/13 Integrated System (IS) 890 Local Planning Stakeholder Meeting #4

Welcome

**Western Area Power Administration
Upper Great Plains Region
Transmission Planning Stakeholder Meeting**

Thursday, July 18th – 9:00 AM to 11:00 AM (MDT)

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Meeting Agenda

- 1) Welcome**
- 2) Introduction of Attendees\Finalize Agenda**
- 3) Updates to the Western ND Bakken Long Range Plan**
- 4) Stakeholder Input/Open Discussion**
- 5) Next Meeting Data and Closing Remarks**
- 6) Adjourn**

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Status of 2013 Transmission Planning Studies

- 2013 Load Flow Assessment will be completed using the **2012 MRO series models** to ensure no other concerns are identified based upon the newer model series. **(Estimate for Completion ~ Fall 2013)**
- Prior Outage Study **(Complete ~ Fall 2013)**
- Conduct Dynamic Study **(Complete ~ Fall/Early Winter 2013)**
- Finalize Baseline Stability LTP Report **(December 2013)**
- **Next Stakeholder Meeting: Fall 2013**

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2013 UPDATE TO 2012 BAKKEN LONG RANGE TRANSMISSION STUDY

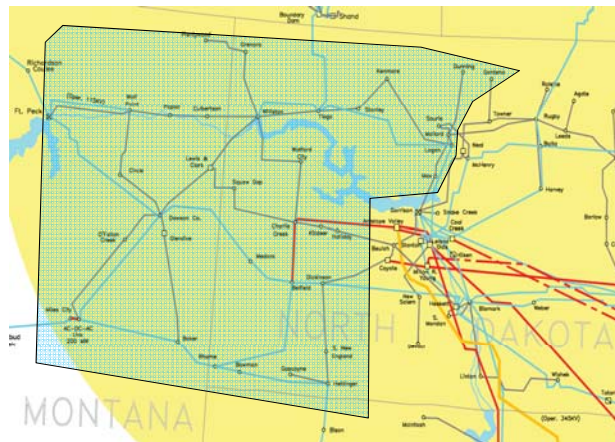
7/18/2013

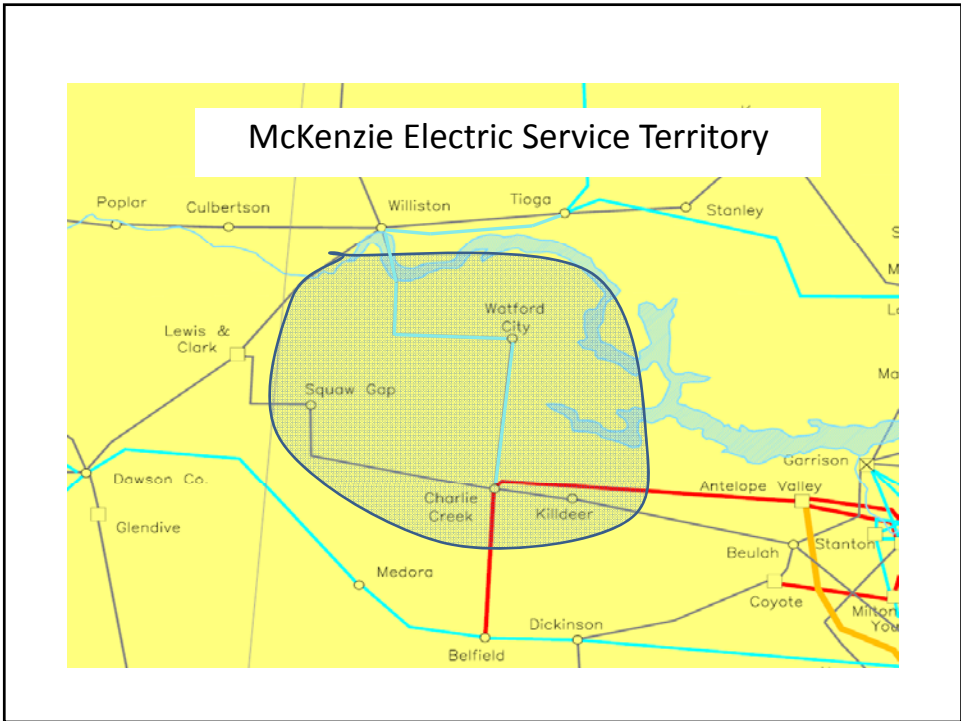
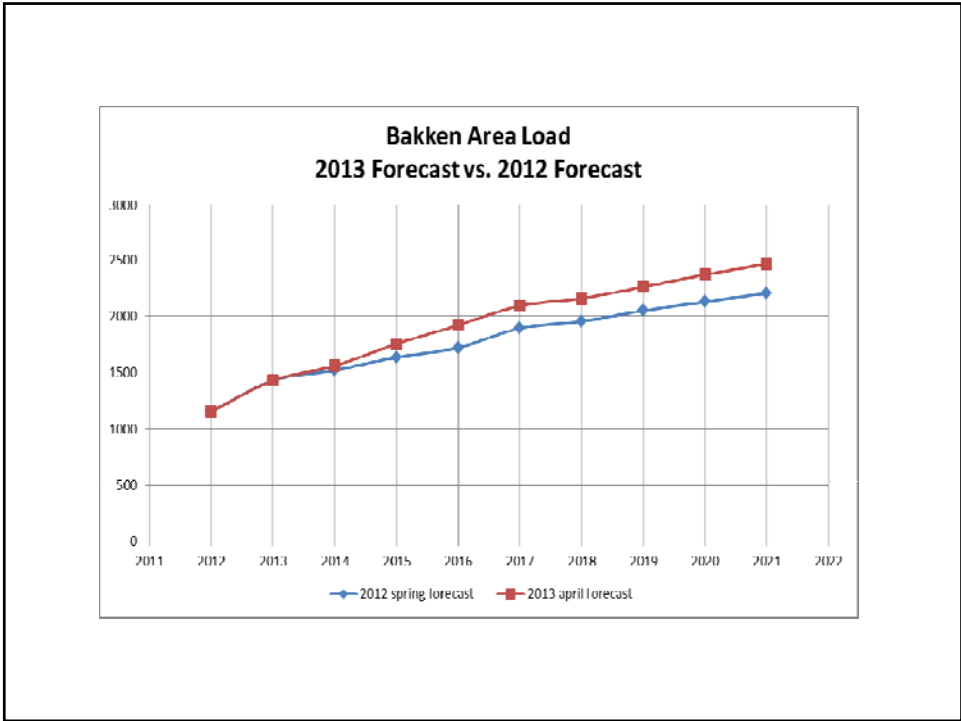
IS Stakeholder Meeting

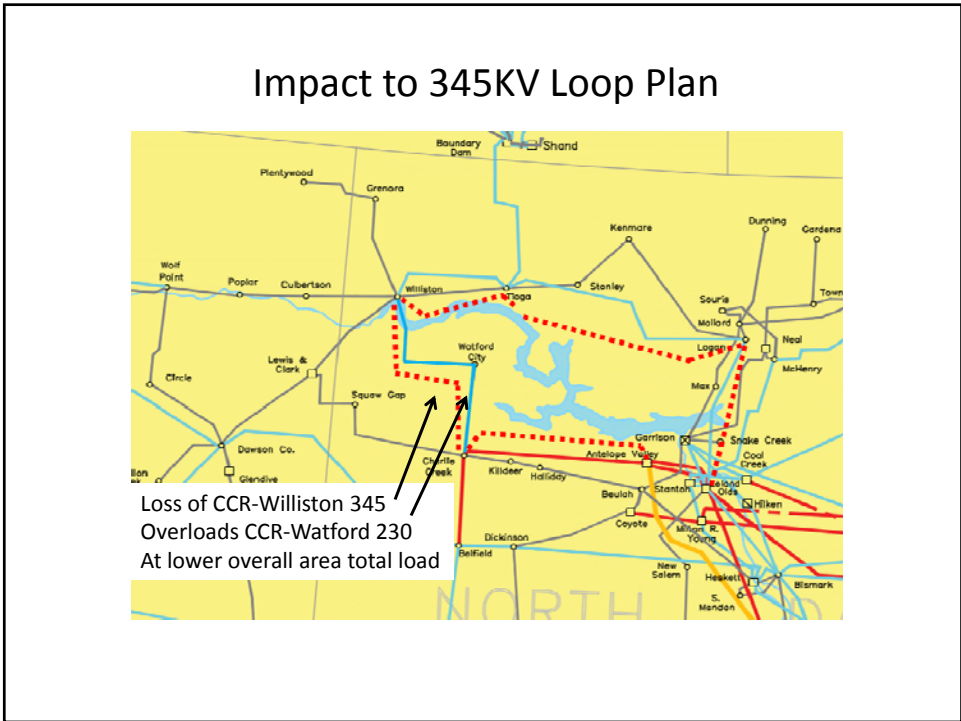
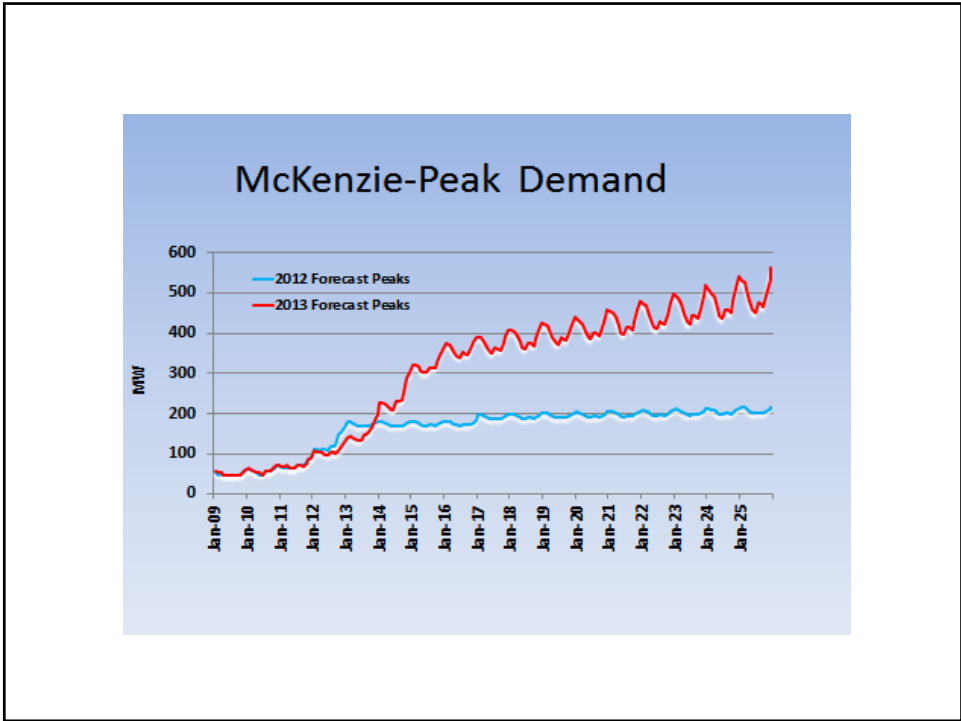
What's New?

- 2012 report presented at February 11, 2013 stakeholder meeting
- April 2013 Basin Electric load forecast added significant new load in the Watford City area
- New load has increased loading on WAPA CCR-Watford City 230kV line
- New CCR-Watford-Williston 230 Rating = 408MVA
- Change in flow bias impacts 2012 results

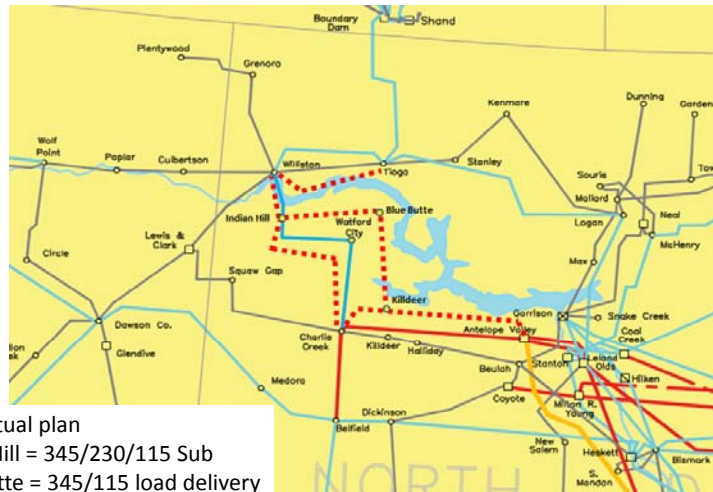
Bakken Area





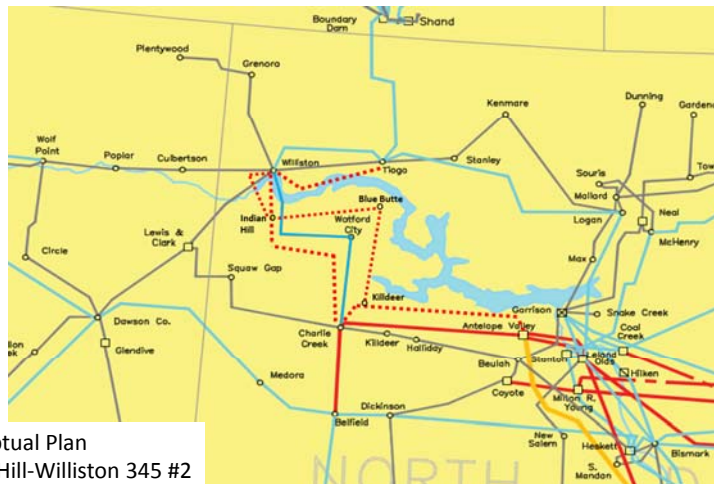


New Alternative: Killdeer North 345KV Line



Conceptual plan
Indian Hill = 345/230/115 Sub
Blue Butte = 345/115 load delivery
Killdeer = 345/115 load delivery
60 miles of 345KV line

Conceptual Long Range Proposal



Conceptual Plan
Indian Hill-Williston 345 #2
20 miles of 345KV line

Killdeer North 345KV Line

- Preliminary Analysis is promising
- Route is being scoped as part of the AVS-Tioga 345KV Project, therefore possible Dec 2016 in service date
- Should defer need for East 345KV line
- Therefore we will start aggressive analysis of Killdeer North 345kV line

Questions



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