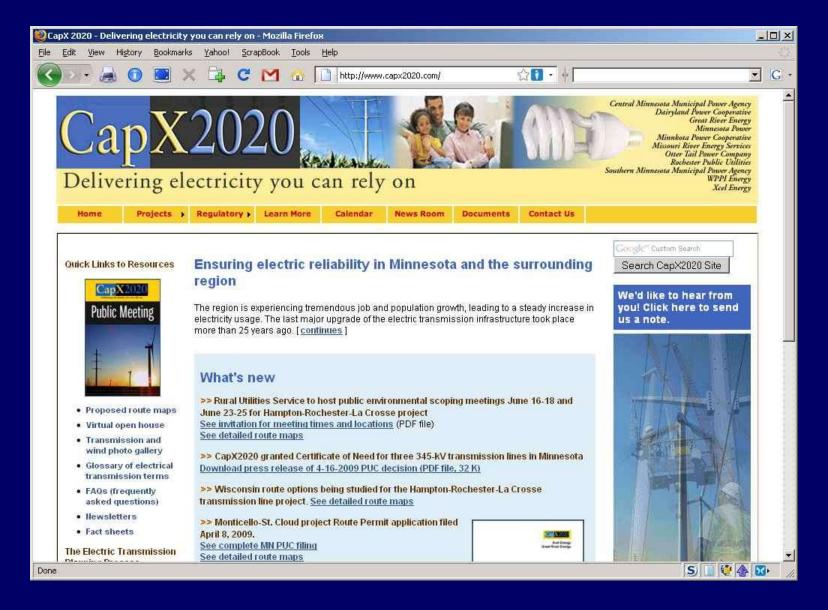
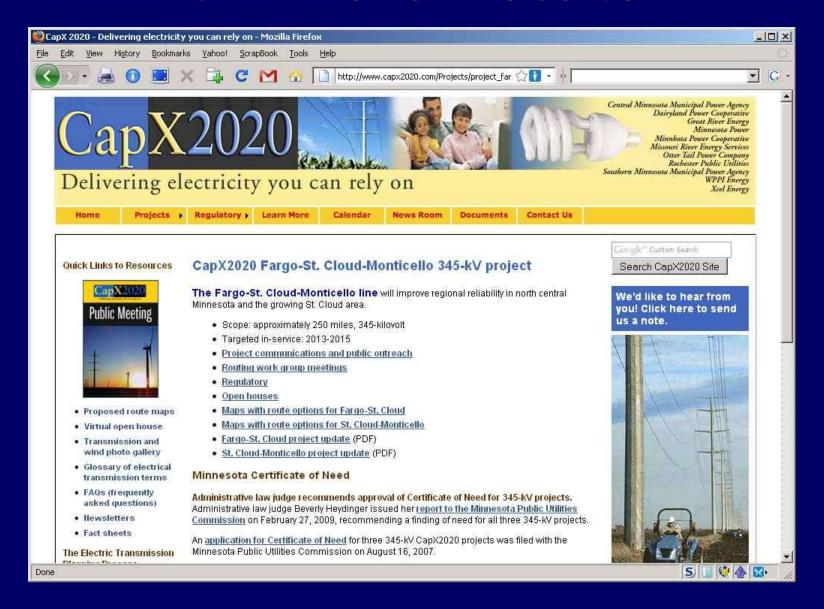
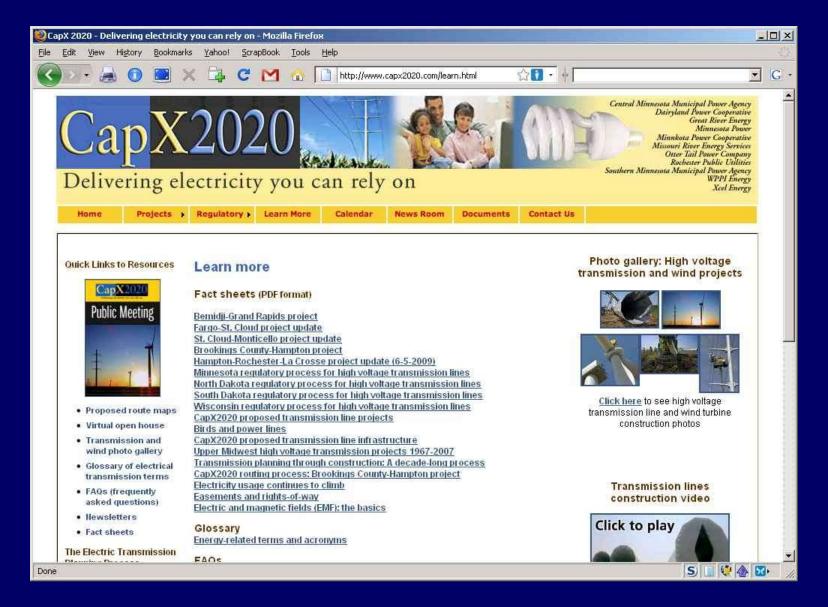
CAPX2020:What can Colorado Learn?

Presentation to
Colorado PUC Workshop in
Docket 08I-227E
June 22, 2009

- Comprehensive plan, a complete story: reliability, generation access, phased development, future options
- Aimed a public support, shows progress toward building needed transmission
- Plan for more than ten years
- User-friendly
- Coordinated, multistate plan, links to utilities in four states:
 - Minnesota
 - North Dakota
 - South Dakota
 - Wisconsin
- Information on past, present and future activities







Xcel's SB 100 Website

- Not a comprehensive plan
- Perspective of a single utility
- 2015 is six years out from now
- Does not address multiple states
- Shows SB 100 stakeholder process meeting agendas and materials, reports
- Does not seek ongoing stakeholder input

Xcel's SB 100 Website



Senate Bill 100

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For questions of further offsensions, please copiner. Bill Wegler Please (903) 294–2520 n-mail. Wilson W. Weglergins retrorgy com

Providers' responses to growing scarcity of AIC/ATC vary

BPA's 2008 open season obtained commitment for 2.8 GW of generator funded transmission service Several merchant lines are proposed to deliver GWs of wind to CA, NV, and AZ

GW on line from 2016-25 courtesy of ratepayers

WECC PJM

SPP

ERCOT

TRTP will unlock 4.5 GW of renewables for SCE from 2009-13 with ratepayer financing and generator reimbursement

Texas ratepayers will fund CREZ, facilitating 18 GW of wind generation starting in 2013

EHV Overlay will enable over 13 GW of wind energy to come on line starting in 2013

Source: EER, HWE

ISO-NF

- Transmission providers across the country are proactively responding to the constraints.
- Abundant studies
 of Colorado's
 transmission needs
 for renewables
 development have
 failed to result in
 any investment to
 rescuing these
 stranded resources
 to date.
- The lack of investment in transmission for renewables will excerbate this situation.

Xcel Energy's Minnesota Renewable Energy Plan

- Minnesota legislation required an Xcel Plan that balanced three priorities:
 - 1 economic development in rural areas
 - 2 reliability of the state's power grid
 - 3 minimizing cost impacts for ratepayers.
- Xcel's December, 2007 Plan: 1/3 utility-owned, 1/3 Community-based Energy Development (C-BED) and 1/3 IPP through PPA.

Minnesota PUC Decision on Xcel's Renewable Energy Plan

• The Minnesota PUC decided:

- No prejudgment on the appropriate balance between utility ownership, C-BED and IPP renewables
- Xcel required to analyze and justify, and provide action plan for acquiring peaking resources or ancillary services needed by the whole system to support wind resource integration
- Xcel to provide analysis to determine total MW amounts to meet each RES milestone, for both resource planning and transmission planning
- Xcel to identify new transmission lines needed to meet 2012 RES milestone, and to accelerate study and construction of any additional transmission needed for near-term RES milestones. Allocating human resources in the area of transmission planning must be a priority for the Company.
- Commission prefers resource acquisitions based on competitive bidding or the equivalent
- All ownership options to be evaluated on an equal basis. If such a process is not used, Xcel will have to convincingly demonstrate that the most cost minimizing and cost effective project(s) have been selected.

Colorado is now Xcel's Profit Center



Company Profile



Traditional Regulation

Operate in 8 States

Combination Utility
Electric 81% of net income
Gas 19% of net income

Customers
3.4 million electric
1.9 million gas

2008 Financial Statistics
NI Ongoing: \$641 million
NI GAAP: \$646 million
Assets: \$25 billion
Equity ratio: 44%

CAPX2020: What can Colorado learn?

- It is possible to construct a long term, coordinated, multiutility and multi-state transmission plan
- A sensible, phased-in approach to build out is possible
- It is important to present transmission plans to the public so they can understand why the lines are needed, what processes are for approval, and how they can participate
- Xcel has the knowledge and experience to do the job
- Resources can, and must, be provided for expeditious transmission planning in Colorado
 - Involving neighboring states and TOs would be bonus for consumers and utilities alike
- The Colorado Public Utilities Commission should act