

Xcel Energy

Wind Transmission Infrastructure Improvements

Status of 425 & 825 MW Outlet Plan

07/11/2005

Legend

- City
- County Boundaries

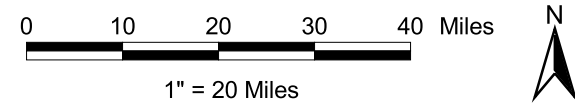
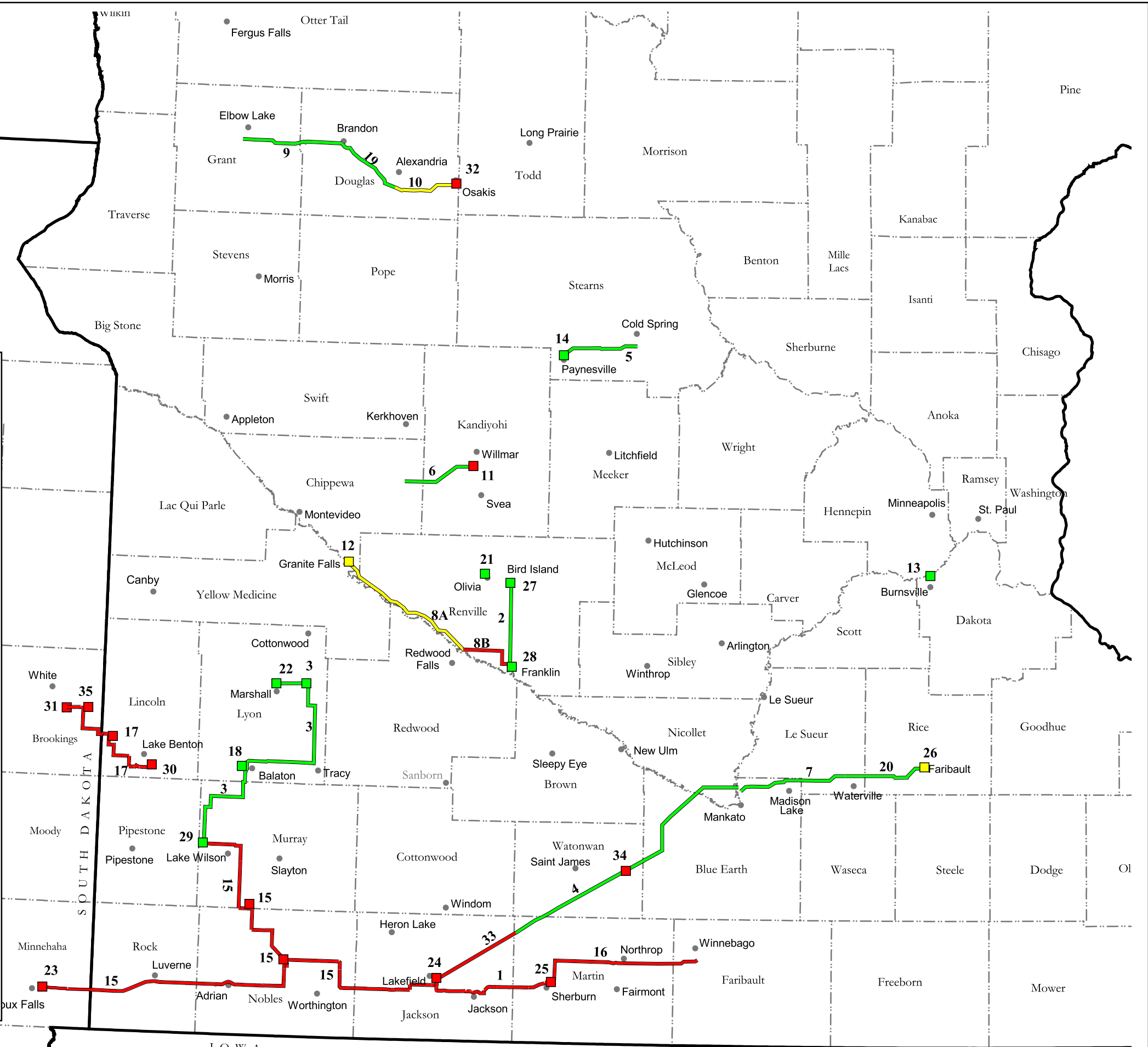
Substation Projects

- Not Complete
- Under Construction
- Complete

Transmission Line Projects

- Not Complete
- Under Construction
- Complete

Project Number	Construction Status	Project Name
1	Fall 05 - Spring06	Lakefield to Fox Lake 161 kV New
2	Complete	Bird Island to Franklin 69kV Rebuild
3	Complete	Chanarambie to Lake Yankton to Lyon Co. 115 kV New & Lyon Co. Substation
4	Complete	Wilmarth to Martin Co. 345 kV Upgrade
5	Complete	Paynesville to Wakefield 115 kV Rebuild
6	Complete	Willmar to Kerkhoven 115 kV Rebuild
7	Complete	Summit to Dome to Loon Tap 115 kv Rebuild
8A	May 06	Minn Valley to Redwood Falls Tap 115 kV Rebuild
8B	Dec 06	Redwood Falls Tap to Franklin 115 kV Rebuild
9	Complete	Grant Co. to Brandon 115 kV Rebuild
10	Dec 05	Alexandria to Douglas Co. 115 kV Rebuild
11	Dec 05	Willmar Transformer
12	Jan 05 - Dec 05	Minn Valley Transformers
13	Complete	Black Dog Transformer
14	Complete	Paynesville Transformer
15	Spring 06 - Fall 07	Split Rock to Lakefield Jct 345 kV New, Nobles to Chanarambie 115 kV New, Nobles County Substation New & Fenton Substation New (site to be determined)
16	Spring 06 - Summer 07	Fox Lake to Winnebago 161 kV Rebuild
17	Fall 05 - Spring 07	White to Buffalo Ridge 115 kV New & Yankee Substation New
18	Complete	Lake Yankton Substation & SVC
19	Complete	Brandon to Alexandria 115 kV Rebuild
20	Complete	Loon Tap to W. Faribault 115 kV Rebuild
21	Complete	Troy Substation 69 k New
22	Complete	Lyon County to Marshall 115 kV Upgrade
23	Fall 07	Split Rock Substation Upgrade
24	Dec 05, Fall 07	Lakefield Jct. Substation Upgrade
25	Spring 06	Fox Lake Substation Upgrade
26	Dec 05	West Faribault Substation Upgrade
27	Complete	Bird Island Substation Upgrade
28	Complete	Franklin Substation Upgrade
29	Fall 07	Chanarambie Substation Upgrade
30	Spring 07	Buffalo Ridge Substation Upgrade
31	Fall 07	White Substation Upgrade
32	Nov 05	Douglas Substation Upgrade
33	Fall 07	Lakefield Jct to Lakefield Generation Series Compensation
34	Fall 07	Series Compensation
35	Spring 07	Brookings County - New



Wind Outlet Capacity Status: Non-firm 425 MW