



500 West Russell Street  
Sioux Falls, South Dakota 57101

—Via Electronic Filing—

February 5, 2010

Ms. Patricia Van Gerpen  
Executive Director  
SD Public Utilities Commission  
500 East Capitol Avenue  
Pierre, South Dakota 57501

**Re:** XCEL ENERGY RATE INCREASE FOR ELECTRIC SERVICE IN SOUTH DAKOTA  
COMPLIANCE FILING – WIND CURTAILMENT REPORTS  
DOCKET NO. EL09-009

Dear Ms. Van Gerpen:

Northern States Power Company, a Minnesota corporation operating in South Dakota hereby submits the Monthly Wind Curtailment Summary (December) pursuant to Part III, 3, b of the Settlement Stipulation (Docket No. EL09-009) accepted by the Commission.

Please see Attachment A for the current Monthly Wind Curtailment Summary Report. The Company will include these Monthly Wind Curtailment Summary updates in our future monthly Fuel Clause filings. In the Settlement Stipulation we stated this information would be provided as confidential data, however based on further review it has been determined the aggregated data can be released as a public document.

The above noted Settlement Stipulation further requires that the Company provide a copy of the annual wind curtailment forecast filed with the Minnesota Public Utilities Commission in the Company's Annual Automatic Adjustment filing. The most recent forecast was provided in our November 3, 2009 Supplemental response to the South Dakota Public Utility Commission Staff Data Request 4-9.

If you have any questions regarding the information provided, please contact John Chow at (612) 330-7588 or [john.chow@xcelenergy.com](mailto:john.chow@xcelenergy.com).

Sincerely,

/ s /

JAMES C. WILCOX  
MANAGER, GOVERNMENT AND REGULATORY AFFAIRS

**Northern States Power Company, A Minnesota Corporation**  
**Electric Utility**  
**Wind Curtailment Summary Report - Total**

Docket No. EL09-009  
Attachment A  
Page 1 of 5

Production Month	Date Paid		Wind Production Delivered		Lost Production		Total Xcel Energy Paid
	Delivered MWh	Lost MWh	MWh Delivered	Amount Xcel Energy Paid	Lost MWh	Amount Xcel Energy Paid	
Jan-08			251,754.00	\$ 8,332,250.62	514.00	\$ 30,628.28	\$ 8,362,878.90
Feb-08			206,267.00	\$ 6,879,006.03	2,322.58	\$ 142,411.65	\$ 7,021,417.68
Mar-08			232,131.00	\$ 7,802,464.56	240.00	\$ 14,281.25	\$ 7,816,745.81
Apr-08			277,627.00	\$ 9,404,443.69	12,176.00	\$ 714,484.34	\$ 10,118,928.03
May-08			258,779.00	\$ 8,755,986.96	393.00	\$ 25,463.74	\$ 8,781,450.70
Jun-08			161,359.00	\$ 5,445,844.97	6,165.00	\$ 394,185.77	\$ 5,840,030.74
Jul-08			142,724.00	\$ 4,834,613.51	419.00	\$ 25,680.26	\$ 4,860,293.77
Aug-08			151,021.00	\$ 5,114,361.88		\$ -	\$ 5,114,361.88
Sep-08			213,974.00	\$ 7,195,495.60	6.00	\$ 314.09	\$ 7,195,809.69
Oct-08			242,940.00	\$ 8,248,194.45	598.00	\$ 39,601.07	\$ 8,287,795.52
Nov-08			273,023.00	\$ 9,229,432.88	117.00	\$ 7,320.83	\$ 9,236,753.71
Dec-08			329,676.00	\$ 11,207,453.97	2,417.00	\$ 157,389.62	\$ 11,364,843.59
<b>Total-08</b>			<b>2,741,275.00</b>	<b>\$ 92,449,549.12</b>	<b>25,367.58</b>	<b>\$ 1,551,760.90</b>	<b>\$ 94,001,310.02</b>
Jan-09			279,622.00	\$ 9,521,518.66	935.00	\$ 67,840.98	\$ 9,589,359.64
Feb-09			271,427.00	\$ 9,236,248.71	924.00	\$ 65,027.30	\$ 9,301,276.01
Mar-09			255,119.00	\$ 8,732,508.31	6,372.00	\$ 384,076.08	\$ 9,116,584.39
Apr-09			268,745.00	\$ 9,229,305.59	6,241.00	\$ 428,054.25	\$ 9,657,359.84
May-09			229,687.00	\$ 7,852,924.73	11,856.00	\$ 854,757.46	\$ 8,707,682.19
Jun-09			141,672.00	\$ 4,865,271.66	5,419.00	\$ 335,260.32	\$ 5,200,531.98
Jul-09			128,336.00	\$ 4,398,091.25	490.48	\$ 17,808.81	\$ 4,415,900.06
Aug-09			148,322.00	\$ 5,084,370.99	1,368.00	\$ 81,724.60	\$ 5,166,095.59
Sep-09			131,173.00	\$ 4,498,736.74	1,116.87	\$ 38,172.05	\$ 4,536,908.79
Oct-09			191,423.00	\$ 6,584,672.77	1,297.00	\$ 96,615.33	\$ 6,681,288.10
Nov-09			208,764.00	\$ 7,174,703.47	6,017.00	\$ 398,315.25	\$ 7,573,018.72
Dec-09			215,580.00	\$ 7,369,362.95	323.00	\$ 21,765.01	\$ 7,391,127.96
<b>Total-09</b>			<b>2,469,870.00</b>	<b>\$ 84,547,715.83</b>	<b>42,359.35</b>	<b>\$ 2,789,417.44</b>	<b>\$ 87,337,133.27</b>
Jan-10				\$ -		\$ -	
Feb-10				\$ -		\$ -	
Mar-10				\$ -		\$ -	
Apr-10				\$ -		\$ -	
May-10				\$ -		\$ -	
Jun-10				\$ -		\$ -	
Jul-10				\$ -		\$ -	
Aug-10				\$ -		\$ -	
Sep-10				\$ -		\$ -	
Oct-10				\$ -		\$ -	
Nov-10				\$ -		\$ -	
Dec-10				\$ -		\$ -	
<b>Total-10</b>							

**Northern States Power Company, A Minnesota Corporation**  
**Electric Utility**  
**Wind Curtailment Summary Report - Curtailment Reason Code 1 (ATC)**

Docket No. EL09-009  
Attachment A  
Page 2 of 5

Production Month	Date Paid		Wind Production Delivered		Lost Production		Total Xcel Energy Paid
	Delivered MWh	Lost MWh	MWh Delivered	Amount Xcel Energy Paid	Lost MWh	Amount Xcel Energy Paid	
Jan-08			-	0.00	-	0.00	
Feb-08			40,008.00	1,140,972.27	1,698.58	102,825.39	\$ 1,243,797.66
Mar-08			-	0.00	-	0.00	
Apr-08			112,626.00	3,777,702.56	11,828.00	692,697.25	\$ 4,470,399.81
May-08			126,007.00	4,095,902.41	393.00	25,463.74	\$ 4,121,366.15
Jun-08			84,404.00	2,716,895.37	6,121.00	391,516.43	\$ 3,108,411.80
Jul-08			-	0.00	-	0.00	
Aug-08			-	0.00	-	0.00	
Sep-08			21,602.00	545,452.12	6.00	314.09	\$ 545,766.21
Oct-08			90,372.00	3,106,125.60	598.00	39,601.07	\$ 3,145,726.67
Nov-08			31,292.00	862,083.86	117.00	7,320.83	\$ 869,404.69
Dec-08			158,211.00	5,201,519.21	2,085.00	133,474.75	\$ 5,334,993.96
<b>Total-08</b>			<b>664,522.00</b>	<b>\$ 21,446,653.40</b>	<b>22,846.58</b>	<b>\$ 1,393,213.55</b>	<b>\$ 22,839,866.96</b>
Jan-09			-	0.00	-	0.00	
Feb-09			29,027.00	761,096.80	44.00	1,153.68	\$ 762,250.48
Mar-09			152,902.32	5,477,824.23	1,861.00	108,980.92	\$ 5,586,805.15
Apr-09			257,351.00	8,786,265.09	6,241.00	428,054.25	\$ 9,214,319.34
May-09			194,456.00	6,798,819.95	11,856.00	854,757.46	\$ 7,653,577.41
Jun-09			122,224.00	4,282,901.20	5,419.00	335,260.32	\$ 4,618,161.52
Jul-09			53,265.00	1,758,772.17	490.48	17,808.81	\$ 1,776,580.98
Aug-09			103,489.00	3,786,108.01	1,368.00	81,724.60	\$ 3,867,832.61
Sep-09			53,762.07	1,925,638.12	1,027.90	35,839.48	\$ 1,961,477.60
Oct-09			64,668.00	2,486,945.45	1,297.00	96,615.33	\$ 2,583,560.78
Nov-09			86,408.00	3,073,188.71	6,017.00	398,315.25	\$ 3,471,503.96
Dec-09			25,010.00	953,256.26	279.00	20,608.71	\$ 973,864.97
<b>Total-09</b>			<b>1,142,562.39</b>	<b>\$ 40,090,816.00</b>	<b>35,900.38</b>	<b>\$ 2,379,118.81</b>	<b>\$ 42,469,934.81</b>
Jan-10			-	0.00	-	0.00	
Feb-10			-	0.00	-	0.00	
Mar-10			-	0.00	-	0.00	
Apr-10			-	0.00	-	0.00	
May-10			-	0.00	-	0.00	
Jun-10			-	0.00	-	0.00	
Jul-10			-	0.00	-	0.00	
Aug-10			-	0.00	-	0.00	
Sep-10			-	0.00	-	0.00	
Oct-10			-	0.00	-	0.00	
Nov-10			-	0.00	-	0.00	
Dec-10			-	0.00	-	0.00	
<b>Total-10</b>							

(October 2006 through December 2007 Reason Codes have been revised from 4 to 1 as of March 2008 Report)

**Northern States Power Company, A Minnesota Corporation**  
**Electric Utility**  
**Wind Curtailment Summary Report**  
**Curtailment Reason Code 2 (Low Load)**

Docket No. EL09-009  
Attachment A  
Page 3 of 5

Production Month	Date Paid		Wind Production Delivered		Lost Production		Total Xcel Energy Paid
	Delivered MWh	Lost MWh	MWh Delivered	Amount Xcel Energy Paid	Lost MWh	Amount Xcel Energy Paid	
Jan-08			-	0.00	-	0.00	
Feb-08			-	0.00	-	0.00	
Mar-08			-	0.00	-	0.00	
Apr-08			-	0.00	-	0.00	
May-08			-	0.00	-	0.00	
Jun-08			-	0.00	-	0.00	
Jul-08			-	0.00	-	0.00	
Aug-08			-	0.00	-	0.00	
Sep-08			-	0.00	-	0.00	
Oct-08			-	0.00	-	0.00	
Nov-08			-	0.00	-	0.00	
Dec-08			-	0.00	-	0.00	
<b>Total-08</b>							
Jan-09			-	0.00	-	0.00	
Feb-09			-	0.00	-	0.00	
Mar-09			-	0.00	-	0.00	
Apr-09			-	0.00	-	0.00	
May-09			-	0.00	-	0.00	
Jun-09			-	0.00	-	0.00	
Jul-09			-	0.00	-	0.00	
Aug-09			-	0.00	-	0.00	
Sep-09			-	0.00	-	0.00	
Oct-09			-	0.00	-	0.00	
Nov-09			-	0.00	-	0.00	
Dec-09			-	0.00	-	0.00	
<b>Total-09</b>							
Jan-10			-	0.00	-	0.00	
Feb-10			-	0.00	-	0.00	
Mar-10			-	0.00	-	0.00	
Apr-10			-	0.00	-	0.00	
May-10			-	0.00	-	0.00	
Jun-10			-	0.00	-	0.00	
Jul-10			-	0.00	-	0.00	
Aug-10			-	0.00	-	0.00	
Sep-10			-	0.00	-	0.00	
Oct-10			-	0.00	-	0.00	
Nov-10			-	0.00	-	0.00	
Dec-10			-	0.00	-	0.00	
<b>Total-10</b>							

**Northern States Power Company, A Minnesota Corporation**  
**Electric Utility**  
**Wind Curtailment Summary Report**  
**Curtailment Reason Code 3 (MISO)**

Docket No. EL09-009  
Attachment A  
Page 4 of 5

Production Month	Date Paid		Wind Production Delivered		Lost Production		Total Xcel Energy Paid
	Delivered MWh	Lost MWh	MWh Delivered	Amount Xcel Energy Paid	Lost MWh	Amount Xcel Energy Paid	
Jan-08			-	0.00	-	0.00	
Feb-08			22,472.00	831,394.81	193.00	13,906.86	\$ 845,301.67
Mar-08			-	0.00	-	0.00	
Apr-08			-	0.00	-	0.00	
May-08			-	0.00	-	0.00	
Jun-08			-	0.00	-	0.00	
Jul-08			-	0.00	-	0.00	
Aug-08			-	0.00	-	0.00	
Sep-08			-	0.00	-	0.00	
Oct-08			-	0.00	-	0.00	
Nov-08			-	0.00	-	0.00	
Dec-08			40,988.00	1,538,973.10	332.00	23,914.87	\$ 1,562,887.97
<b>Total-08</b>			<b>63,460.00</b>	<b>\$ 2,370,367.91</b>	<b>525.00</b>	<b>\$ 37,821.73</b>	<b>\$ 2,408,189.64</b>
Jan-09			23,778.00	892,911.90	935.00	67,840.98	\$ 960,752.88
Feb-09			31,176.00	1,170,697.27	880.00	63,873.62	\$ 1,234,570.89
Mar-09			31,934.00	1,199,192.70	3,384.00	245,537.60	\$ 1,444,730.30
Apr-09			-	0.00	-	0.00	
May-09			-	0.00	-	0.00	
Jun-09			-	0.00	-	0.00	
Jul-09			-	0.00	-	0.00	
Aug-09			-	0.00	-	0.00	
Sep-09			-	0.00	-	0.00	
Oct-09			-	0.00	-	0.00	
Nov-09			-	0.00	-	0.00	
Dec-09			-	0.00	-	0.00	
<b>Total-09</b>			<b>86,888.00</b>	<b>\$ 3,262,801.87</b>	<b>5,199.00</b>	<b>\$ 377,252.20</b>	<b>\$ 3,640,054.07</b>
Jan-10			-	0.00	-	0.00	
Feb-10			-	0.00	-	0.00	
Mar-10			-	0.00	-	0.00	
Apr-10			-	0.00	-	0.00	
May-10			-	0.00	-	0.00	
Jun-10			-	0.00	-	0.00	
Jul-10			-	0.00	-	0.00	
Aug-10			-	0.00	-	0.00	
Sep-10			-	0.00	-	0.00	
Oct-10			-	0.00	-	0.00	
Nov-10			-	0.00	-	0.00	
Dec-10			-	0.00	-	0.00	
<b>Total-10</b>							

**Northern States Power Company, A Minnesota Corporation**  
**Electric Utility**  
**Wind Curtailment Summary Report**  
**Curtailment Reason Code 4 (Other-Paid)**

Docket No. EL09-009  
Attachment A  
Page 5 of 5

Production Month	Date Paid		Wind Production Delivered		Lost Production		Total Xcel Energy Paid
	Delivered MWh	Lost MWh	MWh Delivered	Amount Xcel Energy Paid	Lost MWh	Amount Xcel Energy Paid	
Jan-08			27,977.00	733,554.13	514.00	30,628.28	\$ 764,182.41
Feb-08			-	-	431.00	25,679.40	\$ 25,679.40
Mar-08			25,500.00	668,614.96	240.00	14,281.25	\$ 682,896.21
Apr-08			-	-	348.00	21,787.09	\$ 21,787.09
May-08			-	-	-	0.00	
Jun-08			15,700.00	411,659.45	44.00	2,669.34	\$ 414,328.79
Jul-08			14,017.00	367,525.92	419.00	25,680.26	\$ 393,206.18
Aug-08			-	-	-	0.00	
Sep-08			-	-	-	0.00	
Oct-08			-	-	-	0.00	
Nov-08			-	-	-	0.00	
Dec-08			-	-	-	0.00	
<b>Total-08</b>			<b>83,194.00</b>	<b>\$ 2,181,354.46</b>	<b>1,996.00</b>	<b>\$ 120,725.62</b>	<b>\$ 2,302,080.08</b>
Jan-09			-	0.00	-	0.00	
Feb-09			-	0.00	-	0.00	
Mar-09			17,730.68	464,901.16	1,127.00	29,557.56	\$ 494,458.72
Apr-09			-	0.00	-	0.00	
May-09			-	0.00	-	0.00	
Jun-09			-	0.00	-	0.00	
Jul-09			-	0.00	-	0.00	
Aug-09			-	0.00	-	0.00	
Sep-09			1,306.93	34,257.19	88.96	2,332.57	\$ 36,589.76
Oct-09			-	0.00	-	0.00	
Nov-09			-	0.00	-	0.00	
Dec-09			22,941.00	601,522.67	44.00	1,156.30	\$ 602,678.97
<b>Total-09</b>			<b>41,978.61</b>	<b>\$ 1,100,681.01</b>	<b>1,259.96</b>	<b>\$ 33,046.43</b>	<b>\$ 1,133,727.44</b>
Jan-10			-	0.00	-	0.00	
Feb-10			-	0.00	-	0.00	
Mar-10			-	0.00	-	0.00	
Apr-10			-	0.00	-	0.00	
May-10			-	0.00	-	0.00	
Jun-10			-	0.00	-	0.00	
Jul-10			-	0.00	-	0.00	
Aug-10			-	0.00	-	0.00	
Sep-10			-	0.00	-	0.00	
Oct-10			-	0.00	-	0.00	
Nov-10			-	0.00	-	0.00	
Dec-10			-	0.00	-	0.00	
<b>Total-10</b>							

(October 2006 through December 2007 Reason Codes have been revised from 4 to 1 as of March 2008 Report)