Xcel Energy®

414 Nicollet Mall
Minneapolis, Minnesota 55401

—Via Electronic Filing—

March 31, 2010

Darrell Nitschke
Executive Secretary
North Dakota Public Service Commission,
State Capitol
600 East Boulevard
Bismarck, ND 58505-0480

Re: April 2010 Fuel Cost Charge

Dear Mr. Nitschke:

Northern States Power Company, a Minnesota corporation operating in North Dakota hereby submits electric fuel cost charge (FCC) for April 2010.

Pursuant to the Commission authorization of the final compliance tariffs in Company's 2007 rate proceeding (Docket No. PU-07-776) to implement new rates beginning March 1, 2009, a "multi-class" fuel cost mechanism replaced the previously single-factor mechanism. The April 2010 system FCC is based on the average of the most recent four-month actual fuel cost plus the "True-up" factor, reflecting cost recovery deviations from the February 2010 calendar month.

The former system average monthly fuel cost charge is now differentiated into 6 customer class categories (see derivation of these factors on Attachment 1, page 2 to 4).

7 PU-10-12 Filed 03/31/2010 Pages: 12
April 2010 Fuel Cost Adjustment
Northern States Power Company

The table below shows the new Fuel Cost Charge by customer class category:

April 2010	Fuel Cost Charge ($/kWh)
Residential	0.02438
C & I Non-Demand	0.02583
C & I Demand	0.02502
C & I Demand Time of Day On-Peak	0.03216
C & I Demand Time of Day Off-Peak	0.01892
Outdoor Lighting	0.01736

MISO CHARGES IMPLEMENTATION

MISO Day 2 Charges

This filing includes our reporting of the Midwest Independent Transmission System Operator, Inc. ("MISO") charges under the Day 2 Market. Pursuant to the Commission's Order (Docket No. PU-05-147) dated April 6, 2005 and the Order in Docket PU-07-776, Xcel Energy is authorized to recover MISO Day 2 costs. The March FCC 2009 reflected the new MISO Day 2 charge types: 3 Auction Revenue Rights (ARR) and 3 new Financial Transmission Rights (FTR) charge types[1], to be reflected in Fuel Cost Rider. Consistent with this Order and the required "net" accounting of Day 2 costs and revenues, we have included in the April FCC, the net MISO Day 2 costs for February 2010 as recorded in Account 555. The MISO Day 2 cost recovery included in this April FCC is $14,398,204, which is the net of many items. Pursuant to the above mentioned Orders, the Company also provides more detailed records in Attachment 2, page 1 to support the calculation of the MISO Day 2 costs.

On May 6, 2009 FERC issued Order (Docket No. EL07-86-005, *et al.*) reversing portions of the prior decision (November 2008) on MISO RSG that resulted in a resettlement adjustment in FCC. The Company is in the process of evaluating this reversal impact and will reflect this adjustment in the subsequent FCC.

MISO ASM Charges

[1] Previously embedded in other FTR charge types.

With the implementation of the MISO Ancillary Services Market (ASM) on January 6, 2009, the net costs or revenues of 14 new ASM charges types are included in the Fuel Cost Rider, pursuant to the Commission guidance in Docket No. PU-09-016. Consistent with the MISO order and the required "net" accounting of ASM costs and revenues, we include in the April FCC, the net MISO ASM costs for February 2010 as recorded in Account 555. The MISO ASM cost recovery included in this April FCC is $-214,099 which is the net of many items. The detailed records are contained in Attachment 2, page 2.

REFUNDS

Pursuant to the above referenced Order Adopting Settlement, the February 2010 Asset Based Margin amount of $-7,940 has been included in the April Fuel Cost Charges. The detailed records are contained in Attachment 3, page 1. Starting from February 2010, the 2009 retail share of the Non-Asset Based Margins will be credited to the monthly FCC over the following 12-month period only if the calendar year balance is positive. The realized North Dakota retail share of 2009 Non-Asset Based Margin credit is $201,971 and this credit amount will be distributed equally each month over the following 12-month period. The refund reflected in the April FCC is $17,384 or 0.011¢ per kWh (system basis). Attachment 3, page 2 contains the derivation of this refund amount.

OTHER REPORTING ITEM

Attachment is the calculation of the April FCC, as well as a statistical summary of energy sources and costs, compared to the previous month.

If you have any questions regarding the information contained in this filing, please contact Dave Sederquist in Fargo at 701-241-8632.

Sincerely,

/ S /

Phillip J. Zins
Manager, Pricing and Planning

Enclosures (2)
CC: David H. Sederquist

Northern States Power Company, A Minnesota Corporation & Wholly Owned Subsidiary of Xcel Energy Inc.
Electric Operations - State of North Dakota
Derivation of Adjustment for Fuel Clause Rider

Current Period Cost of Energy for Apr-2010

Apr-2010 Fuel Cost Charges	Fuel Cost Factor	Energy True-Up Factor	Others or Refunds	Base & FCA Factor
System	**$0.02493**	**-$0.00039**	**$0.00005**	**$0.02459**
Residential	**$0.02482**	**-$0.00039**	**-$0.00006**	**$0.02438**
C & I Non-Demand	**$0.02630**	**-$0.00041**	**-$0.00006**	**$0.02583**
C & I Demand Non-TOD	**$0.02548**	**-$0.00040**	**-$0.00006**	**$0.02502**
C & I Demand TOD On-Peak	**$0.03275**	**-$0.00051**	**-$0.00008**	**$0.03216**
C & I Demand TOD Off-Peak	**$0.01926**	**-$0.00030**	**-$0.00004**	**$0.01892**
Outdoor Lighting	**$0.01767**	**-$0.00027**	**-$0.00004**	**$0.01736**
Residential				
Residential Service	$ 0.02482	$ (0.00039)	$ (0.00006)	$ 0.02438
Residential TOD	$ 0.02482	$ (0.00039)	$ (0.00006)	$ 0.02438
Residential - Underground	$ 0.02482	$ (0.00039)	$ (0.00006)	$ 0.02438
Residential TOD - Underground	$ 0.02482	$ (0.00039)	$ (0.00006)	$ 0.02438
Energy Control - (Non-Demand)	$ 0.02482	$ (0.00039)	$ (0.00006)	$ 0.02438
Limit Off Peak	$ 0.02482	$ (0.00039)	$ (0.00006)	$ 0.02438
C & I Non-Demand				
Energy Controlled - (Non-Demand)	$ 0.02630	$ (0.00041)	$ (0.00006)	$ 0.02583
Limit Off Peak	$ 0.02630	$ (0.00041)	$ (0.00006)	$ 0.02583
Small General Service	$ 0.02630	$ (0.00041)	$ (0.00006)	$ 0.02583
Small General TOD - Metered	$ 0.02630	$ (0.00041)	$ (0.00006)	$ 0.02583
Small General TOD - Unmetered	$ 0.02630	$ (0.00041)	$ (0.00006)	$ 0.02583
Fire and Civil Defense Siren	$ 0.02630	$ (0.00041)	$ (0.00006)	$ 0.02583
Direct Current (Closed)	$ 0.02630	$ (0.00041)	$ (0.00006)	$ 0.02583
C & I Demand				
General Service	$ 0.02548	$ (0.00040)	$ (0.00006)	$ 0.02502
General TOD - On Peak	$ 0.03275	$ (0.00051)	$ (0.00008)	$ 0.03216
General TOD - Off Peak	$ 0.01926	$ (0.00030)	$ (0.00004)	$ 0.01892
Peak Controlled (Closed)	$ 0.02548	$ (0.00040)	$ (0.00006)	$ 0.02502
Peak Controlled TOD (Closed) - On Peak	$ 0.03275	$ (0.00051)	$ (0.00008)	$ 0.03216
Peak Controlled TOD (Closed) - Off Peak	$ 0.01926	$ (0.00030)	$ (0.00004)	$ 0.01892
Peak Controlled Tiered	$ 0.02548	$ (0.00040)	$ (0.00006)	$ 0.02502
Peak Controlled Tiered TOD - On Peak	$ 0.03275	$ (0.00051)	$ (0.00008)	$ 0.03216
Peak Controlled Tiered TOD - Off Peak	$ 0.01926	$ (0.00030)	$ (0.00004)	$ 0.01892
Energy Controlled (Closed)	$ 0.02548	$ (0.00040)	$ (0.00006)	$ 0.02502
Tier 1 Energy Controlled Rider	$ 0.02548	$ (0.00040)	$ (0.00006)	$ 0.02502
Real Time Pricing - Firm - On Peak	$ 0.03275	$ (0.00051)	$ (0.00008)	$ 0.03216
Real Time Pricing - Firm - Off Peak	$ 0.01926	$ (0.00030)	$ (0.00004)	$ 0.01892
Real Time Pricing - Controllable - On Peak	$ 0.03275	$ (0.00051)	$ (0.00008)	$ 0.03216
Real Time Pricing - Controllable - Off Peak	$ 0.01926	$ (0.00030)	$ (0.00004)	$ 0.01892
Small Municipal Pumping	$ 0.02548	$ (0.00040)	$ (0.00006)	$ 0.02502
Municipal Pumping	$ 0.02548	$ (0.00040)	$ (0.00006)	$ 0.02502
Excess Energy - St. Anthony Falls	$ 0.02548	$ (0.00040)	$ (0.00006)	$ 0.02502
Outdoor Lighting				
Automatic Protective Lighting	$ 0.01767	$ (0.00027)	$ (0.00004)	$ 0.01736
Street Lighting System	$ 0.01767	$ (0.00027)	$ (0.00004)	$ 0.01736
Street Lighting Energy	$ 0.01767	$ (0.00027)	$ (0.00004)	$ 0.01736
Street Lighting Energy - Metered	$ 0.01767	$ (0.00027)	$ (0.00004)	$ 0.01736
Street Lighting Energy (Closed)	$ 0.01767	$ (0.00027)	$ (0.00004)	$ 0.01736
Street Lighting - City of St. Paul	$ 0.01767	$ (0.00027)	$ (0.00004)	$ 0.01736

Northern States Power Company, A Minnesota Corporation & Wholly Owned Subsidiary of Xcel Energy Inc.
Electric Operations - State of North Dakota
Derivation of Adjustment for Fuel Clause Rider
Current Period Cost of Energy for Apr-2010

	Column (A)	Column (B)	Column (C)	Column (D)	Column (E)
	Nov-09	Dec-09	Jan-10	Feb-10	4 Month Total
Fuel and Purchased Power Costs					
Account 151 - Fossil Fuel	$32,464,309	$38,057,196	$42,972,111	$38,278,709	$151,772,325
Account 518 - Nuclear Fuel	$5,827,515	$10,825,157	$10,021,593	$8,941,917	$35,616,181
Account 555 - Purchased Power[1]	$30,349,302	$37,855,140	$41,322,966	$28,152,883	$137,680,291
Account 555 - MISO Day 2 Charges	$15,304,176	$18,990,451	$21,515,761	$14,484,703	$70,295,091
Account 555 MISO Day 2 - Schedule 24	($92,685)	($95,539)	($95,015)	($86,498)	($369,737)
Account 555 MISO - ASM Charges	$155,862	$364,562	($2,393,364)	($214,099)	($2,087,039)
Total MISO Charges	$15,367,352	$19,259,474	$19,027,383	$14,184,106	$67,838,315
Financial Instruments	$0	$0	$0	$0	$0
Total System Costs	$84,008,478	$105,996,967	$113,344,053	$89,557,614	$392,907,112
Less Fuel Cost of InterSystem Sales	($6,075,292)	($13,102,962)	($18,446,370)	($7,919,136)	($45,543,760)
Net System Costs	$77,933,186	$92,894,005	$94,897,683	$81,638,478	$347,363,352
System MWH Sales					
Total NSP System Retail	2,948,740	3,532,758	3,750,363	3,303,570	13,535,431
Non-Gen Muni's/Load Pattern	103,791	97,380	115,112	80,653	396,936
Total NSP System MWh Sales	3,052,531	3,630,138	3,865,475	3,384,223	13,932,367
Average Unit Cost of Fuel and Purchased Power					
Fuel Cost per kWh for NSP System	**2.553¢**	**2.559¢**	**2.455¢**	**2.412¢**	**2.493¢**
Base Fuel Cost Included in Rates	0.000¢	0.000¢	0.000¢	0.000¢	0.000¢
Class Ratio/TOD Ratio					
(i) Residential	0.9956	0.9956	0.9956	0.9956	0.9956
(ii) C & I Non-Demand	1.0548	1.0548	1.0548	1.0548	1.0548
(iii) C & I Demand Non-TOD	1.0219	1.0219	1.0219	1.0219	1.0219
(iv) C & I Demand TOD On-Peak	1.3135	1.3135	1.3135	1.3135	1.3135
(v) C & I Demand TOD Off-Peak	0.7726	0.7726	0.7726	0.7726	0.7726
(vi) Outdoor Lighting	0.7088	0.7088	0.7088	0.7088	0.7088
North Dakota Fuel Cost Factor (FCF)					
				FCF Ratio	4 Month Average
(i) Residential				0.9956	**2.482¢**
(ii) C & I Non-Demand				1.0548	**2.630¢**
(iii) C & I Demand Non-TOD				1.0219	**2.548¢**
(iv) C & I Demand TOD On-Peak				1.3135	**3.275¢**
(v) C & I Demand TOD Off-Peak				0.7726	**1.926¢**
(vi) Outdoor Lighting				0.7088	**1.767¢**

[1] Excludes demand-related expenses

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Electric Operations - State of North Dakota
Derivation of Adjustment for Fuel Clause Rider
Current Period Cost of Energy for Apr-2010

North Dakota Retail MWh Sales

(i) Residential	51,439	78,441	95,482	80,469	305,831
(ii) C & I Non-Demand	8,994	12,512	14,539	12,538	48,583
(iii) C & I Demand Non-TOD	47,302	62,568	60,391	58,775	229,036
(iv) C & I Demand TOD On-Peak	17,858	16,314	16,696	17,869	68,737
(v) C & I Demand TOD Off-Peak	26,371	26,194	28,351	28,482	109,398
(vi) Outdoor Lighting	1,749	1,698	2,411	1,654	7,512
(vii) Total	153,713	197,727	217,870	199,787	769,097

Apr-2010 Recovery Provision (True-up Factor) Calculation

Prior Unrecovered Expenses (Dec-09 Balance of Unrecovered Expenses)

	Total Dec-09
	($274,994)

Prior Expenses Recovered in Feb-2010

	FCF Ratio	True-Up Factor per kWh	Actual ND MWh Sales	Prior Recovered Expenses in
(i) Residential				
(ii) C & I Non-Demand	0.9956	-0.040¢	80,469	($31,887)
(iii) C & I Demand Non-TOD	1.0548	-0.042¢	12,538	($5,264)
(iv) C & I Demand TOD On-Peak	1.0219	-0.041¢	58,775	($23,906)
(v) C & I Demand TOD Off-Peak	1.3135	-0.052¢	17,869	($9,342)
(vi) Outdoor Lighting	0.7726	-0.031¢	28,482	($8,758)
(vii) Total	0.7088	-0.028¢	1,654	($467)
			199,787	($79,624)

Actual Cost Should Have Been Recovered in Feb-10

	Actual	Base	Actual ND MWh Sales	Expected Recovery
	2.412¢	0.000¢	199,787	$4,818,862

Cost Recovered in Feb-10

	FCF Ratio	Fuel Cost Recovered	Actual ND MWH Sales	Actual Recovery
(i) Residential	0.9956	2.449¢	80,469	$1,970,827
(ii) C & I Non-Demand	1.0548	2.595¢	12,538	$325,337
(iii) C & I Demand Non-TOD	1.0219	2.514¢	58,775	$1,477,529
(iv) C & I Demand TOD On-Peak	1.3135	3.231¢	17,869	$577,385
(v) C & I Demand TOD Off-Peak	0.7726	1.901¢	28,482	$541,328
(vi) Outdoor Lighting	0.7088	1.744¢	1,654	$28,840
(vii) Total			199,787	$4,921,247

Total Balance of Unrecovered Expenses (Apr-10 Balance of Unrecovered Expenses)

Apr-2010 Recovery Provision	($297,755)
4 Month ND Retail Total MWh Sales	769,097
Apr-2010 Recovery Provision per KWH	**-0.039¢**

Northern States Power Company, A Minnesota Corporation & Wholly Owned Subsidiary of Xcel Energy Inc.
Electric Operations - State of North Dakota
Derivation of Adjustment for Fuel Clause Rider
Current Period Cost of Energy for Apr-2010

Apr-2010 Recovery Provision (True-up Factor) per kWh by Customer Category

	FAF Ratio	Recovery Provision Adjustment	Recovery Provision Adj by Class
(i) Residential	0.9956	-0.039¢	**-0.039¢**
(ii) C & I Non-Demand	1.0548	-0.039¢	**-0.041¢**
(iii) C & I Demand Non-TOD	1.0219	-0.039¢	**-0.040¢**
(iv) C & I Demand TOD On-Peak	1.3135	-0.039¢	**-0.051¢**
(v) C & I Demand TOD Off-Peak	0.7726	-0.039¢	**-0.030¢**
(vi) Outdoor Lighting	0.7088	-0.039¢	**-0.027¢**

Apr-2010 Margin Sharing Refunds

	Asset Based Margin Sharing Refund	Non-Asset Based Margin Sharing Refund	Total
Refund/Special Charge Amount	$7,940	($17,384)	**($9,444)**
(i) Residential	0.005¢	-0.011¢	**-0.006¢**
(ii) C & I Non-Demand	0.005¢	-0.011¢	**-0.006¢**
(iii) C & I Demand Non-TOD	0.005¢	-0.011¢	**-0.006¢**
(iv) C & I Demand TOD On-Peak	0.006¢	-0.014¢	**-0.008¢**
(v) C & I Demand TOD Off-Peak	0.004¢	-0.008¢	**-0.004¢**
(vi) Outdoor Lighting	0.003¢	-0.008¢	**-0.004¢**

Apr-2010 Factors

	Total
(i) Residential	**2.438¢**
(ii) C & I Non-Demand	**2.583¢**
(iii) C & I Demand Non-TOD	**2.502¢**
(iv) C & I Demand TOD On-Peak	**3.216¢**
(v) C & I Demand TOD Off-Peak	**1.892¢**
(vi) Outdoor Lighting	**1.736¢**

Northern States Power Company, A Minnesota Corporation

Electric Operations - State of North Dakota
FUEL CLAUSE ADJUSTMENT (FCA) COMPARISON -
Prior Month Compared to Current Month FCA

	FCA Application		Comparison		Generation Type by Percent		
			Differ-ence	Percent Change	FCA Application Mar-10	Apr-10	Differ-ence
	Mar-10	Apr-10					
** COSTS (Millions) **							
1 Fossil	$147.3	$151.8	$4.5	3.1%	37.5%	38.6%	1.1%
2 Nuclear	$32.8	$35.6	$2.8	8.7%	8.3%	9.1%	0.8%
3 Purchases	$143.4	$137.7	($5.7)	-4.0%	36.5%	35.0%	-1.5%
MISO related Purchases	$69.4	$67.8	($1.6)	-2.2%	17.7%	17.3%	-0.4%
4 Total System Costs	392.9	392.9	$0.1	0.0%	100.0%	100.0%	0.0%
5 Intersystem Sales	$45.5	$45.5	($0.0)	0.0%	11.6%	11.6%	0.0%
6 Net System Costs	$347.3	$347.4	$0.1	0.0%	88.4%	88.4%	0.0%
7							
8 ** GWH OUTPUT **							
9 Fossil	6,206	6,145	(61)	-1.0%	23.7%	20.4%	-3.3%
10 Nuclear	4,172	4,472	300	7.2%	15.9%	14.9%	-1.0%
11 Purchases	4,868	4,437	(431)	-8.9%	18.6%	14.7%	-3.9%
12 Hydro & Other	795	856	61	7.7%	3.0%	2.8%	-0.2%
13 Net Interchange	10,130	14,180	4,050	40.0%	38.7%	47.1%	8.4%
14 Total Output	26,171	30,090	3,919	15.0%	100.0%	100.0%	0.0%
15 Intersystem Sales	1,717	1,594	(124)	-7.2%	6.6%	5.3%	-1.3%
16 Native Requirement	24,454	28,496	4,043	16.5%	93.4%	94.7%	1.3%
17							
18 ** COST per KWH OUTPUT (¢) **							
19 Fossil	2.373	2.470	0.097	4.1%			
20 Nuclear	0.786	0.796	0.011	1.4%			
21 Purchases	2.946	3.103	0.157	5.3%			
22 Total System Costs	1.501	1.306	-0.195	-13.0%			
23 Intersystem Sales	2.652	2.858	0.206	7.8%			
24 Net System Costs	1.420	1.219	-0.201	-14.2%			
25							
26							
27 TOTAL SYSTEM GWH SALES	14,040	13,932	(108)	-0.8%			
28							
29 COST per KWH SALES (¢)	2.474	2.493	0.019	0.8%			
30							
31 RECOVERY PROV (¢ / KWH) - SYS	-0.014	-0.039	-0.024				
(i) Residential	-0.014	-0.039	-0.024				
(ii) C & I Non-Demand	-0.015	-0.041	-0.026				
(iii) C & I Demand Non-TOD	-0.015	-0.040	-0.025				
(iv) C & I Demand TOD On-Peak	-0.019	-0.051	-0.032				
(v) C & I Demand TOD Off-Peak	-0.011	-0.030	-0.019				
(vi) Outdoor Lighting	-0.010	-0.027	-0.017				
32 REFUND	-0.092	0.000	0.092				
(i) Residential	-0.092	-0.006					
(ii) C & I Non-Demand	-0.097	-0.006					
(iii) C & I Demand Non-TOD	-0.094	-0.006					
(iv) C & I Demand TOD On-Peak	-0.121	-0.008					
(v) C & I Demand TOD Off-Peak	-0.071	-0.004					
(vi) Outdoor Lighting	-0.065	-0.004					
33 SYSTEM FCC IMPACT (¢ / KWH)	2.368	2.454	0.087	3.7%			
(i) Residential	2.358	2.438	0.080				
(ii) C & I Non-Demand	2.498	2.583					
(iii) C & I Demand Non-TOD	2.420	2.502					
(iv) C & I Demand TOD On-Peak	3.111	3.216					
(v) C & I Demand TOD Off-Peak	1.830	1.892					
(vi) Outdoor Lighting	1.679	1.736					

Calculations:

[4] = [1]+[2]+[3]	[21] = [3] / [11]
[6] = [4] - [5]	[22] = [4] / [14]
[14] = [9]+..+[13]	[23] = [5] / [15]
[16] = [14] - [15]	[24] = [6] / [16]
[19] = [1] / [9]	[29] = [6] / [27]
[20] = [2] / [10]	[33] = [29]+[31]

Residential BILL IMPACT ($'s)

kWh	Change from Previous Month
100	$0.08
250	$0.20
500	$0.40
750	$0.60
1,000	$0.80

Some miscellaneous totals refer to so many terms that their formula would be too long. So intermediate totals are developed here, then an overall total is taken and is rounded, and finally it's simply referred to above.

	FCA Application Mar-10	Apr-10
** GWH OUTPUT **		
Thermal	619,482	707,114
Wind plus disper gen	(90)	(88)
Hydro	175,195	148,608
Hydro and Other	794,587	855,634
Rounded to nearest thousand:	795	856
Sales		
Non Gen Munic Total	415,461,000	396,936,000
Load Pattern Power	0	0
Resale & Interchange (Intersystem)	1,717,467,000	1,593,526,000
Rounded to nearest million:	1717.467	1593.526

Northern States Power Company, A Minnesota Corporation — Attachment 2

MISO DAY 2 MARKET SETTLEMENT BY CATEGORIES

		System		Intersystem		Retail
February 2010 Actual						
Energy and Loss Charges						
1 a	Day-Ahead Asset Energy Amount - Energy Component (1)	$	16,714,687.82	$ 3,502,078.46	$	20,216,766.28
1 c	Day-Ahead Asset Energy Amount - Loss Component (1)	$	3,699,111.08	$ -	$	3,699,111.08
3	Day-Ahead Financial Bilateral Transaction Loss Amount	$	14,551.52	$ -	$	14,551.52
5 a	Day-Ahead Non-Asset Energy Amount - Energy Component (1)	$	(11,210,504.13)	$ -	$	(11,210,504.13)
5 c	Day-Ahead Non-Asset Energy Amount - Loss Component (1)	$	641,097.08	$ -	$	641,097.08
7	Day-Ahead Losses Rebate on Carve-Out Grandfathered Agreements	$	-	$ -	$	-
9	Day-Ahead Losses Rebate on Option B Grandfathered Agreements	$	-	$ -	$	-
13 a	Real-Time Asset Energy Amount - Energy Component (1)	$	1,121,751.57	$ 468,900.01	$	1,590,651.58
13 c	Real-Time Asset Energy Amount - Loss Component (1)	$	36,897.81	$ -	$	36,897.81
14	Real-Time Distribution of Losses Amount	$	(1,609,046.36)	$ -	$	(1,609,046.36)
16	Real-Time Financial Bilateral Transaction Loss Amount	$	-	$ -	$	-
18	Real-Time Losses Rebate on Carve-Out Grandfathered Agreements	$	-	$ -	$	-
21	Real-time Net inadvertent Distribution	$	82,415.58	$ -	$	82,415.58
22 a	Real-Time Non-Asset Energy Amount - Energy Component (1)	$	11,697.95	$ -	$	11,697.95
22 c	Real-Time Non-Asset Energy Amount - Loss Component (1)	$	(671.24)	$ -	$	(671.24)
Congestion Related Charges						
1 b	Day-Ahead Asset Energy Amount - Congestion Component (1)	$	344,200.41	$ -	$	344,200.41
2	Day-Ahead Financial Bilateral Transmission Congestion Amount	$	409.27	$ -	$	409.27
5 b	Day-Ahead Non-Asset Energy Amount - Congestion Component (1)	$	143,793.45	$ -	$	143,793.45
6	Day-Ahead Congestion Rebate on Carve-Out Grandfathered Agreements	$	-	$ -	$	-
8	Day-Ahead Congestion Rebate on Option B Grandfathered Agreements	$	-	$ -	$	-
13 b	Real-Time Asset Energy Amount - Congestion Component (1)	$	61,792.89	$ -	$	61,792.89
15	Real-Time Financial Bilateral Transaction Congestion Amount	$	-	$ -	$	-
17	Real-Time Congestion Rebate on Carve-Out Grandfathered Agreements	$	-	$ -	$	-
22 b	Real-Time Non-Asset Energy Amount - Congestion Component (1)	$	124.13	$ -	$	124.13
FTR Related Charges						
28	Financial Transmission Rights Hourly Allocation Amount	$	(316,981.80)	$ -	$	(316,981.80)
30	Financial Transmission Rights Monthly Allocation Amount	$	(39,923.84)	$ -	$	(39,923.84)
31	Financial Transmission Rights Transaction Amount	$	-	$ -	$	-
32	Financial Transmission Rights Yearly Allocation Amount	$	-	$ -	$	-
36	Financial Transmission Rights Full Funding Guarantee Amount	$	(258,333.71)	$ -	$	(258,333.71)
37	Financial Transmission Guarantee Uplift Amount	$	241,048.79	$ -	$	241,048.79
38	Financial Transmission Rights Monthly Transacton Amount	$	-	$ -	$	-
Uplift Charges						
23	Real-Time Revenue Neutrality Uplift Amount	$	105,067.71	$ -	$	105,067.71
Revenue Sufficiency Guarantee (RSG) Charges						
10	Day-Ahead Revenue Sufficiency Guarantee Distribution Amount	$	75,988.81	$ -	$	75,988.81
11	Day-Ahead Revenue Sufficiency Guarantee Make Whole Payment Amount	$	(157,347.87)	$ 28,685.15	$	(128,662.72)
24	Real-Time Revenue Sufficiency Guarantee First Pass Distribution Amount	$	588,363.57	$ -	$	588,363.57
25	Real-Time Revenue Sufficiency Make Whole Payment Amount	$	(387,497.25)	$ 58,485.69	$	(329,011.56)
42	Real-Time Price Volatility Make Whole Payment Amount	$	(70,542.74)	$ 2,141.83	$	(68,400.91)
Market Adminstration Charges						
4	Day-Ahead Market Administration Amount	$	637,621.26	$ (9,898.42)	$	627,722.84
19	Real-Time Market Administration Amount	$	30,468.32	$ (1,258.82)	$	29,209.50
29	Financial Transmission Rights Market Administration Amount	$	68,316.48	$ -	$	68,316.48
33	Day-Ahead Schedule 24 Allocation Amount	$	83,952.29	$ (1,296.29)	$	82,656.00
34	Real -Time Schedule 24 Allocation Amount	$	4,008.27	$ (166.13)	$	3,842.14
35	Schedule 24 Admin Allocation	$	-	$ -	$	-
Virtual Energy Charges						
12	Day-Ahead Virtual Energy Amount	$	-	$ -	$	-
27	Real-Time Virtual Energy Amount	$	-	$ -	$	-
Other MISO Charges						
20	Real-Time Miscellaneous Amount	$	356.86	$ -	$	356.86
26	Real-Time Uninstructed Deviation Amount	$	-	$ -	$	-
Auction Revenue Rights (ARR)						
39	Auction Revenue Rights - FTR Auction Transactions	$	180,839.99	$ -	$	180,839.99
40	Auction Revenue Rights - Monthly ARR Revenue	$	(201,409.27)	$ -	$	(201,409.27)
41	Auction Revenue Rights - ARR Stage 2 Distribution	$	(199,273.68)	$ -	$	(199,273.68)
	TOTAL MISO CHARGES	$	10,437,031.02	$ 4,047,671.48	$	14,484,702.50
	SCHEDULE 24 (FOR RETAIL)				$	86,498.14
	TOTAL MISO CHARGES LESS SCHEDULES 24 (FOR RETAIL)				$	14,398,204.36

MISO ANCILLARY SERVICES MARKETS (ASM) CHARGE TYPES BY CATEGORIES

		System	Intersystem	Retail
	February 2010 Actual			
	Procurement Charges			
1	Day-Ahead Regulation Amount	$ (459,027.53)	$ -	$ (459,027.53)
2	Day-Ahead Spinning Reserve Amount	$ (86,528.43)	$ -	$ (86,528.43)
3	Day-Ahead Supplemental Reserve	$ (81,464.85)	$ -	$ (81,464.85)
4	Real-Time Regulation Amount	$ 98,791.71	$ 114,198.58	$ 212,990.29
5	Real-Time Spinning Reserve Amount	$ (50,477.54)	$ 29,557.21	$ (20,920.33)
6	Real-Time Supplemental Reserve Amount.	$ 16,340.09	$ 14,641.34	$ 30,981.43
	Resource Energy Charges			
7a	Real Time Excessive Energy Amount	$ (34,358.03)		$ (34,358.03)
7b	Real Time Excessive Energy Congestion	$ -		$ -
7c	Real Time Excessive Energy Loss	$ -		$ -
8a	Real Time Non Excessive Energy Amount	$ (337,172.37)		$ (337,172.37)
8b	Real Time Non Excessive Energy Congestion	$ (282,390.49)		$ (282,390.49)
8c	Real Time Non Excessive Energy Loss	$ 36,223.30		$ 36,223.30
9	Real Time Net Regulation Adjustment Amount	$ 5,098.29	$ (2,015.86)	$ 3,082.43
	Cost Distribution Charges			
10	Real Time Regulation Reserve Cost Distribution Amount	$ 369,218.72	$ -	$ 369,218.72
11	Real Time Spinnng Reserve Cost Distribution	$ 368,153.98	$ -	$ 368,153.98
12	Real Time Supplemental Reserve Cost Distribution	$ 44,193.95	$ -	$ 44,193.95
	Penalty Charges			
13	Real Time Excessive/Dificient Energy Deployment	$ 31,088.52	$ (8,306.46)	$ 22,782.06
14	Real Time Contignecy Reserve Deployment Failure	$ 137.09	$ -	$ 137.09
	TOTAL MISO ASM CHARGES	$ (362,173.59)	$ 148,074.81	$ (214,098.78)

Northern States Power Company, A Minnesota Corporation & Wholly Owned Subsidiary of Xcel Energy Inc.
Electric Operations - State of North Dakota
Derivation of Adjustment for Fuel Clause Rider
Asset Based Margin Sharing

#													
1	**Forecast Month**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**	**Dec-10**	**Jan-11**	**Feb-11**
2	**True-up Month**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**	**Dec-10**
3													
4	Monthly Refund	(161,371)	10,622										
5													
6	Forecast North Dakota Sales	194,554	163,606	164,425	164,109	-	-	-	-	-	-	-	-
7													
8	**Current Month Refund Factor**	**(0.083)**	**0.006**	-	-	-	-	-	-	-	-	-	-
9													
10	Forecasted North Dakota Sales	215,527	196,388	194,554	163,606	-	-	-	-	-	-	-	-
11	Actual North Dakota Sales (Cal. Mo.)	222,254	189,946	-	-	-	-	-	-	-	-	-	-
12	Deviation	(6,727)	6,442	194,554	163,606	-	-	-	-	-	-	-	-
13													
14	Expected Refund	(13,480)	(81,774)	(160,951)	7,940	-	-	-	-	-	-	-	-
15	Actual Refund	(13,900)	(79,092)	-	-	-	-	-	-	-	-	-	-
16	Deviation	420	(2,682)	(160,951)	7,940	-	-	-	-	-	-	-	-
17													
18	**True-up Factor**	0.000	(0.002)	-	-	-	-	-	-	-	-	-	-
19													
20	**Realized Margin**	**(0.083)**	**0.005**	-	-	-	-	-	-	-	-	-	-
21													
22	**Class Ratios**												
23	Residential	0.9956	0.9956	0.9956	0.9956	0.9956	0.9956	0.9956	0.9956	0.9956	0.9956	0.9956	0.9956
24	C&I Non-Demand	1.0548	1.0548	1.0548	1.0548	1.0548	1.0548	1.0548	1.0548	1.0548	1.0548	1.0548	1.0548
25	C&I Demand Non-TOD	1.0219	1.0219	1.0219	1.0219	1.0219	1.0219	1.0219	1.0219	1.0219	1.0219	1.0219	1.0219
26	C&I Demand TOD On-Peak	1.3135	1.3135	1.3135	1.3135	1.3135	1.3135	1.3135	1.3135	1.3135	1.3135	1.3135	1.3135
27	C&I Demand TOD Off-Peak	0.7726	0.7726	0.7726	0.7726	0.7726	0.7726	0.7726	0.7726	0.7726	0.7726	0.7726	0.7726
28	Outdoor Lighting	0.7088	0.7088	0.7088	0.7088	0.7088	0.7088	0.7088	0.7088	0.7088	0.7088	0.7088	0.7088
29													
30	**Realized Margin Adj for Class Ratios**												
31	Residential	(0.082)	0.005	-	-	-	-	-	-	-	-	-	-
32	C&I Non-Demand	(0.087)	0.005	-	-	-	-	-	-	-	-	-	-
33	C&I Demand Non-TOD	(0.085)	0.005	-	-	-	-	-	-	-	-	-	-
34	C&I Demand TOD On-Peak	(0.109)	0.006	-	-	-	-	-	-	-	-	-	-
35	C&I Demand TOD Off-Peak	(0.064)	0.004	-	-	-	-	-	-	-	-	-	-
36	Outdoor Lighting	(0.059)	0.003	-	-	-	-	-	-	-	-	-	-

Northern States Power Company, A Minnesota Corporation & Wholly Owned Subsidiary of Xcel Energy Inc.
Electric Operations - State of North Dakota
Derivation of Adjustment for Fuel Clause Rider
Non-Asset Based Margin Sharing

1	**Forecast Month**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**	**Dec-10**	**Jan-11**
2	**True-up Month**			**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**
3													
4	Monthly Refund	(16,831)	(16,831)	(16,831)	(16,831)	(16,831)	(16,831)	(16,831)	(16,831)	(16,831)	(16,831)	(16,831)	(16,830)
5													
6	Forecast North Dakota Sales	196,388	194,554	163,606	-	-	-	-	-	-	-	-	-
7													
8	**Current Month Refund Factor**	(0.009)	(0.009)	**(0.010)**	-	-	-	-	-	-	-	-	-
9													
10	Forecasted North Dakota Sales			196,388	-	-	-	-	-	-	-	-	-
11	Actual North Dakota Sales (Cal. Mo.)			189,946	-	-	-	-	-	-	-	-	-
12	Deviation			6,442	-	-	-	-	-	-	-	-	-
13													
14	Expected Refund			(16,831)	-	-	-	-	-	-	-	-	-
15	Actual Refund			(16,278)	-	-	-	-	-	-	-	-	-
16	Deviation			(553)	-	-	-	-	-	-	-	-	-
17													
18	**True-up Factor**	-	-	(0.000)	-	-	-	-	-	-	-	-	-
19													
20	**Realized Margin**	**(0.009)**	(0.009)	**(0.011)**	-	-	-	-	-	-	-	-	-
21													
22	**Class Ratios**												
23	Residential	0.9956	0.9956	0.9956	0.9956	0.9956	0.9956	0.9956	0.9956	0.9956	0.9956	0.9956	0.9956
24	C&I Non-Demand	1.0548	1.0548	1.0548	1.0548	1.0548	1.0548	1.0548	1.0548	1.0548	1.0548	1.0548	1.0548
25	C&I Demand Non-TOD	1.0219	1.0219	1.0219	1.0219	1.0219	1.0219	1.0219	1.0219	1.0219	1.0219	1.0219	1.0219
26	C&I Demand TOD On-Peak	1.3135	1.3135	1.3135	1.3135	1.3135	1.3135	1.3135	1.3135	1.3135	1.3135	1.3135	1.3135
27	C&I Demand TOD Off-Peak	0.7726	0.7726	0.7726	0.7726	0.7726	0.7726	0.7726	0.7726	0.7726	0.7726	0.7726	0.7726
28	Outdoor Lighting	0.7088	0.7088	0.7088	0.7088	0.7088	0.7088	0.7088	0.7088	0.7088	0.7088	0.7088	0.7088
29													
30	**Realized Margin Adj for Class Ratios**												
31	Residential	(0.009)	(0.009)	(0.011)	-	-	-	-	-	-	-	-	-
32	C&I Non-Demand	(0.009)	(0.009)	(0.011)	-	-	-	-	-	-	-	-	-
33	C&I Demand Non-TOD	(0.009)	(0.009)	(0.011)	-	-	-	-	-	-	-	-	-
34	C&I Demand TOD On-Peak	(0.011)	(0.011)	(0.014)	-	-	-	-	-	-	-	-	-
35	C&I Demand TOD Off-Peak	(0.007)	(0.007)	(0.008)	-	-	-	-	-	-	-	-	-
36	Outdoor Lighting	(0.006)	(0.006)	(0.008)	-	-	-	-	-	-	-	-	-