Northern States Power Company, a Minnesota Corporation Electric Utility - South Dakota Pro Forma Year Ending December 31, 2011 **Comparison Of Present & Proposed Rates**  Docket No. EL12-Exhibit No. \_\_\_\_(SVH-1) Schedule 4 Page 1 of 5

Fuel Cost - Retail	Present			Proposed		
	Summer	Winter	Annual	Summer	Winter	Annual
Retail	2.658 ¢	2.687 ¢	2.676 ¢	2.658 ¢	2.687 ¢	2.676 ¢
Residential	2.690 ¢	2.719 ¢	2.708 ¢	2.715 ¢	2.745 ¢	2.734 ¢
C&I - Non-Demand	2.729 ¢	2.759 ¢	2.748 ¢	2.712 ¢	2.742 ¢	2.731 ¢
C&I-Dmd - Non-TOD	2.682 ¢	2.711 ¢	2.700 ¢	2.656 ¢	2.685 ¢	2.674 ¢
C&I-Dmd -TOD On-Peak	3.332 ¢	3.369 ¢	3.355 ¢	3.331 ¢	3.367 ¢	3.354 ¢
C&I-Dmd -TOD Off-Peak	2.102 ¢	2.125 ¢	2.117 ¢	2.112 ¢	2.135 ¢	2.127 ¢
Lighting	2.028 ¢	2.050 ¢	2.042 ¢	1.973 ¢	1.994 ¢	1.986 ¢

		Present	Proposed	Present	Proposed
Residential (E01, E0	)3)	Base Rates		Rates	+ Fuel
Customer / Mo.	Overhead	\$8.25	\$9.00	\$8.25	\$9.00
	Underground	\$10.25	\$11.00	\$10.25	\$11.00
	Overhead - Electric Sp Ht	\$8.25	\$9.00	\$8.25	\$9.00
	Underground - Electric Sp Ht	\$10.25	\$11.00	\$10.25	\$11.00
Energy /kWh	Summer	7.432 ¢	8.735 ¢	10.122 ¢	11.450 ¢
	Winter 0-1000 KWH	6.032 ¢	7.155 ¢	8.751 ¢	9.900 ¢
	Winter Over 1000 KWH	5.734 ¢	6.905¢	8.453 ¢	9.650 ¢
	Win Sp Heat 0-1000 KWH	6.032 ¢	7.155 ¢	8.751 ¢	9.900 ¢
	Win Sp Heat Over 1000 KWI	3.934 ¢	4.455 ¢	6.653 ¢	7.200 ¢

Residential Time of Day (E02, E04)		Base Rates		Rates + Fuel	
Customer / Mo.	Overhead	\$10.25	\$11.00	\$10.25	\$11.00
	Underground	\$12.25	\$13.00	\$12.25	\$13.00
	Overhead - Electric Sp Ht	\$10.25	\$11.00	\$10.25	\$11.00
	Underground - Electric Sp Ht	\$12.25	\$13.00	\$12.25	\$13.00
Energy / kWh	On-Peak Summer	16.122 ¢	18.478 ¢	18.812 ¢	21.193 ¢
	On-Peak Winter	12.250 ¢	14.242 ¢	14.969¢	16.987 ¢
	On-Peak Winter -Elec. Sp Ht	10.120 ¢	11.620 ¢	12.839 ¢	14.365 ¢
	Off-Peak Summer	2.240 ¢	2.700 ¢	4.930¢	5.415 ¢
	Off-Peak Winter	2.240 ¢	2.700 ¢	4.959¢	5.445 ¢

Residential Heat Pump (E06)		Base Ra	Base Rates		Fuel
Customer / Mo.		\$3.05	\$3.35	\$3.05	\$3.35
Energy / kWh	Summer	5.930 ¢	7.013 ¢	8.620¢	9.728 ¢
	Winter	3.824 ¢	4.355 ¢	6.543 ¢	7.100 ¢

Energy-Controlled Non-Demand (E10)		Base Rates		Rates + Fuel	
Customer / Mo.		\$3.05	\$3.35	\$3.05	\$3.35
Energy / kWh	Standard Resid.	3.227 ¢	3.755 ¢	5.935 ¢	6.489 ¢
	Standard Comm.	3.227 ¢	3.755 ¢	5.975 ¢	6.486 ¢
	Optional Resid Summer	7.432 ¢	8.735 ¢	10.122 ¢	11.450 ¢
	Optional Comm Summer	6.932 ¢	8.040 ¢	9.661 ¢	10.752 ¢

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			Present	Proposed	Present	Proposed
Limited Off-Peak (E	11)		Base F	Rates	Rates	+ Fuel
Customer / Mo.	Residential		\$3.05	\$3.35	\$3.05	\$3.35
	Commercial	Sec - 1 Phase	\$3.05	\$3.35	\$3.05	\$3.35
	Commercial	Sec - 3 Phase	\$5.15	\$5.50	\$5.15	\$5.50
	Commercial	Primary	\$25.00	\$25.00	\$25.00	\$25.00
Energy / kWh	Residential	On-Peak	22.000 ¢	25.000 ¢	24.708 ¢	27.734 ¢
	Commercial	On-Peak	22.000 ¢	25.000 ¢	24.748 ¢	27.731 🤉
	Residential	Secondary	2.040 ¢	2.500 ¢	4.748 ¢	5.234 (
	Commercial	Secondary	2.040 ¢	2.500 ¢	4.788 ¢	5.231 (
Small General (E13)			Base F		Rates ·	
Customer / Mo.			\$9.00	\$10.00	\$9.00	\$10.00
Energy /kWh	Summer		6.932¢	8.040 ¢	9.661 ¢	10.752
	Winter		5.532 ¢	6.460 ¢	8.291 ¢	9.202
Small General TOD	(E14, E18)		Base F	Rates	Rates -	+ Fuel
Customer / Mo.			\$11.00	\$12.00	\$11.00	\$12.00
Energy / kWh	On-Peak Sun	nmer	12.118 ¢	14.135 ¢	14.847 ¢	16.847
	On-Peak Wir	nter	9.171 ¢	10.751 ¢	11.930 ¢	13.493
	Off-Peak Sum	nmer	2.240 ¢	2.700 ¢	4.969 ¢	
	Off-Peak Win	iter	2.240 ¢	2.700 ¢	4.999¢	
	Constant Use	- Summer	5.697¢	6.702 ¢	8.426 ¢	
	Constant Use	- Winter	4.666 ¢	5.518 ¢	7.425 ¢	8.260
Demand-Metered Vo	0	nts	Base Rates		Rates + Fuel	
Voltage Discount / kWh	Primary		0.100 ¢	0.110 ¢	0.100 ¢	-
	Trans. Transf	•	0.240 ¢	0.270 ¢	0.240 ¢	
	Transmision		0.260 ¢	0.290 ¢	0.260 ¢	
Voltage Discount / kW	Primary		\$0.70	\$0.70	\$0.70	\$0.70
	Trans. Transf		\$1.40	\$1.40	\$1.40	\$1.40
	Transmision		\$2.00	\$2.00	\$2.00	\$2.00
General (E15)			Base F	Rates	Rates	+ Fuel
Customer / Mo.			\$21.00	\$22.00	\$21.00	\$22.00
Demand / kW	Summer		\$10.90	\$12.11	\$10.90	\$12.11
	Winter		\$7.40	\$8.31	\$7.40	\$8.31
Energy / kWh			2.545 ¢	3.086 ¢	5.245 ¢	
			v			200,

-0.702 ¢

-0.798 ¢

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-0.798 ¢

Energy Credit / kWh

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		Present	Proposed	Present	Proposed
General Time of Da	y (E16)	Base	Base Rates		+ Fuel
Customer / Mo.		\$24.00	\$25.00	\$24.00	\$25.00
On-Peak Demand / kW	Summer	\$10.90	\$12.11	\$10.90	\$12.11
	Winter	\$7.40	\$8.31	\$7.40	\$8.31
Off-Peak Demand / kW		\$2.00	\$2.00	\$2.00	\$2.00
Energy / kWh	On-Peak	3.252 ø	e 3.971 ¢	6.607¢	7.325 ¢
	Off-Peak	1.995 ø	2.436 ¢	4.112 ¢	4.563 ¢
Energy Credit / kWh		-0.702 ¢	-0.798¢	-0.702 ¢	-0.798 ¢

Peak-Controlled (E20)		Base R	Base Rates		Fuel
Customer / Mo.		\$50.00	\$50.00	\$50.00	\$50.00
Firm Demand / kW	Summer	\$10.90	\$12.11	\$10.90	\$12.11
	Winter	\$7.40	\$8.31	\$7.40	\$8.31
Control Demand / kW		\$5.33	\$6.09	\$5.33	\$6.09
Energy / kWh		2.545 ¢	3.086 ¢	5.245 ¢	5.760 ¢
Energy Credit / kWh		-0.702 ¢	-0.798 ¢	-0.702 ¢	-0.798 ¢

Peak-Controlled TOD (E21)		Base R	Base Rates		Fuel
Customer / Mo.		\$50.00	\$50.00	\$50.00	\$50.00
On-Peak Demand / kW	Summer	\$10.90	\$12.11	\$10.90	\$12.11
	Winter	\$7.40	\$8.31	\$7.40	\$8.31
Control Demand / kW		\$5.33	\$6.09	\$5.33	\$6.09
Off-Peak Demand / kW		\$2.00	\$2.00	\$2.00	\$2.00
Energy / kWh	On-Peak	3.252 ¢	3.971 ¢	6.607 ¢	7.325 ¢
	Off-Peak	1.995 ¢	2.436¢	4.112 ¢	4.563 ¢
Energy Credit / kWh		-0.7020 ¢	-0.7980 ¢	-0.7020 ¢	-0.7980 ¢

Energy-Controlled Service (E22)		Base Ra	Base Rates		Fuel
Customer / Mo.		\$50.00	\$50.00	\$50.00	\$50.00
On-Peak Demand / kW	Summer	\$10.90	\$12.11	\$10.90	\$12.11
	Winter	\$7.40	\$8.31	\$7.40	\$8.31
Control Demand / kW		\$4.94	\$5.67	\$4.94	\$5.67
Off-Peak Demand / kW		\$2.00	\$2.00	\$2.00	\$2.00
Energy / kWh	Firm On-Peak	3.252 ¢	3.971 ¢	6.607¢	7.325 ¢
	Firm Off-Peak	1.995 ¢	2.436 ¢	4.112 ¢	4.563 ¢
	Controllable On-Peak	2.922 ¢	3.621 ¢	6.277 ¢	6.975 ¢
	Controllable Off-Peak	1.875 ¢	2.316 ¢	3.992 ¢	4.443 ¢
	Control Period Energy	9.200 ¢	9.200 ¢	12.555 ¢	12.554 ¢
Energy Credit / kWh		-0.702 ¢	-0.798 ¢	-0.702 ¢	-0.798 ¢

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		Present	Proposed	Present	Proposed
Automatic Protecti	ve Lighting (E12)	Base	Rates	Rates	+ Fuel
Area	100 W HPSodium	\$7.05	\$7.58	\$7.88	\$8.39
	175 W Mercury	\$7.05	\$7.58	\$8.49	\$8.98
	250 W HPSodium	\$12.50	\$13.51	\$14.67	\$15.62
	400 W Mercury	\$12.50	\$13.51	\$15.76	\$16.68
Directional	250 W HPSodium	\$13.90	\$15.00	\$16.07	\$17.11
	400 W Mercury	\$13.90	\$15.00	\$17.16	\$18.17
	400 W HPSodium	\$17.35	\$18.79	\$20.76	\$22.11

St. Lighting System (E30)		Base Rates		Rates + Fuel	
Overhead	100 W HPSodium	\$12.24	\$14.15	\$13.07	\$14.96
	150 W HPSodium	\$13.94	\$16.12	\$15.15	\$17.30
	250 W HPSodium	\$17.94	\$20.85	\$20.11	\$22.96
	400 W HPSodium	\$21.97	\$25.67	\$25.38	\$28.99
Underground	100 W HPSodium	\$19.95	\$23.30	\$20.78	\$24.11
	150 W HPSodium	\$21.76	\$25.39	\$22.97	\$26.57
	250 W HPSodium	\$26.03	\$30.43	\$28.20	\$32.54
Decorative UG	100 W HPSodium	\$26.34	\$31.38	\$27.17	\$32.19
	150 W HPSodium	\$27.62	\$32.90	\$28.83	\$34.08
	250 W HPSodium	\$34.02	\$40.11	\$36.19	\$42.22

St. Lighting Energy (E31	1)	Base Ra	ates	Rates +	Fuel
Group 1	70 W HPSodium	\$3.90	\$4.10	\$4.47	\$4.66
	100 W HPSodium	\$4.47	\$4.75	\$5.30	\$5.56
	150 W HPSodium	\$5.32	\$5.74	\$6.53	\$6.92
	250 W HPSodium	\$7.48	\$8.22	\$9.65	\$10.33
	400 W HPSodium	\$10.25	\$11.41	\$13.66	\$14.73
	1000 W HPSodium	\$20.52	\$23.24	\$28.52	\$31.02
	175 W Mercury	\$5.83	\$6.32	\$7.27	\$7.72
	400 W Mercury	\$9.91	\$11.01	\$13.17	\$14.18
Group 4	70 W HPSodium	\$1.70	\$1.90	\$2.27	\$2.46
	100 W HPSodium	\$2.18	\$2.49	\$3.01	\$3.30
	150 W HPSodium	\$3.12	\$3.54	\$4.33	\$4.72
	250 W HPSodium	\$5.28	\$6.02	\$7.45	\$8.13
	400 W HPSodium	\$8.05	\$9.21	\$11.46	\$12.53
	175 W Mercury	\$3.63	\$4.12	\$5.07	\$5.52
Group 4 Metered	Energy Charge per kWh	4.820 ¢	5.565 ¢	6.862¢	7.551

St. Lighting Energy - Metered (E32)	Base Ra	ites	Rates +	Fuel
Customer / Mo.	\$5.00	\$5.50	\$5.00	\$5.50
Energy Charge per kWh	4.570 ¢	5.265 ¢	6.612 ¢	7.251 ¢

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Fire & Civil Defense Siren (E40)		
HP Capacity / Mo.	\$0.59	\$0.64
Min Charge / Mo.	\$2.68	\$2.88

Standby Service Rid	ler		
Customer / Mo.		\$25.00	\$25.00
Demand / Contract kW	Unscheduled-Secondary	\$2.79	\$2.91
	Unscheduled-Primary	\$2.09	\$2.21
	Scheduled-Secondary	\$2.69	\$2.81
	Scheduled-Primary	\$1.99	\$2.11
	Non Firm-Secondary	\$2.00	\$2.00
	Non Firm-Primary	\$1.30	\$1.30