

Northern States Power Company

Electric Utility - South Dakota

Test Year Ending December 31, 2013

Comparison Of Present & Final Rates

Fuel Cost - Retail	Present			Proposed		
	Summer	Winter	Annual	Summer	Winter	Annual
Retail	2.878 ¢	2.824 ¢	2.844 ¢	2.878 ¢	2.824 ¢	2.844 ¢
Residential	2.940 ¢	2.885 ¢	2.906 ¢	2.914 ¢	2.859 ¢	2.879 ¢
C&I - Non-Demand	2.937 ¢	2.882 ¢	2.902 ¢	2.935 ¢	2.880 ¢	2.901 ¢
C&I-Dmd - Non-TOD	2.876 ¢	2.822 ¢	2.842 ¢	2.887 ¢	2.833 ¢	2.853 ¢
C&I-Dmd -TOD On-Peak	3.607 ¢	3.539 ¢	3.564 ¢	3.480 ¢	3.414 ¢	3.439 ¢
C&I-Dmd -TOD Off-Peak	2.287 ¢	2.244 ¢	2.260 ¢	2.390 ¢	2.345 ¢	2.362 ¢
Lighting	2.136 ¢	2.096 ¢	2.111 ¢	2.193 ¢	2.152 ¢	2.167 ¢

		Present	Final	Present	Final
Residential (E01, E03)		Base Rates		Rates + Fuel	
Customer / Mo.	Overhead	\$8.25	\$9.25	\$8.25	\$9.25
	Underground	\$10.25	\$11.25	\$10.25	\$11.25
	Overhead - Electric Sp Ht	\$8.25	\$9.25	\$8.25	\$9.25
	Underground - Electric Sp Ht	\$10.25	\$11.25	\$10.25	\$11.25
Energy / kWh	Summer	8.161 ¢	9.688 ¢	11.101 ¢	12.602 ¢
	Winter 0-1000 KWH	6.641 ¢	8.088 ¢	9.526 ¢	10.947 ¢
	Winter Over 1000 KWH	6.389 ¢	7.795 ¢	9.274 ¢	10.654 ¢
	Win Sp Heat 0-1000 KWH	6.641 ¢	8.088 ¢	9.526 ¢	10.947 ¢
	Win Sp Heat Over 1000 KWH	4.166 ¢	5.088 ¢	7.051 ¢	7.947 ¢

Residential Time of Day (E02, E04)		Base Rates		Rates + Fuel	
Customer / Mo.	Overhead	\$10.25	\$11.25	\$10.25	\$11.25
	Underground	\$12.25	\$13.25	\$12.25	\$13.25
	Overhead - Electric Sp Ht	\$10.25	\$11.25	\$10.25	\$11.25
	Underground - Electric Sp Ht	\$12.25	\$13.25	\$12.25	\$13.25
Energy / kWh	On-Peak Summer	17.235 ¢	20.251 ¢	20.175 ¢	23.165 ¢
	On-Peak Winter	13.155 ¢	15.921 ¢	16.040 ¢	18.780 ¢
	On-Peak Winter -Elec. Sp Ht	10.762 ¢	13.398 ¢	13.647 ¢	16.257 ¢
	Off-Peak Summer	2.540 ¢	3.200 ¢	5.480 ¢	6.114 ¢
	Off-Peak Winter	2.540 ¢	3.200 ¢	5.425 ¢	6.059 ¢

Residential Heat Pump (E06)		Base Rates		Rates + Fuel	
Customer / Mo.		\$3.05	\$3.50	\$3.05	\$3.50
Energy / kWh	Summer	6.522 ¢	7.806 ¢	9.462 ¢	10.720 ¢
	Winter	4.060 ¢	4.928 ¢	6.945 ¢	7.787 ¢

Energy-Controlled Non-Demand (E10)		Base Rates		Rates + Fuel	
Customer / Mo.		\$3.05	\$3.50	\$3.05	\$3.50
Energy / kWh	Standard Resid.	3.486 ¢	4.088 ¢	6.392 ¢	6.967 ¢
	Standard Comm.	3.486 ¢	4.088 ¢	6.388 ¢	6.989 ¢
	Optional Resid. - Summer	8.161 ¢	9.688 ¢	11.101 ¢	12.602 ¢
	Optional Comm.- Summer	7.586 ¢	9.021 ¢	10.523 ¢	11.956 ¢

			Present	Final	Present	Final
Limited Off-Peak (E11)			Base Rates		Rates + Fuel	
Customer / Mo.	Residential		\$3.05	\$3.50	\$3.05	\$3.50
	Commercial	Sec - 1 Phase	\$3.05	\$3.50	\$3.05	\$3.50
	Commercial	Sec - 3 Phase	\$5.15	\$5.75	\$5.15	\$5.75
	Commercial	Primary	\$25.00	\$28.00	\$25.00	\$28.00
Energy / kWh	Residential	On-Peak	24.000 ¢	30.000 ¢	26.906 ¢	32.879 ¢
	Commercial	On-Peak	24.000 ¢	30.000 ¢	26.902 ¢	32.901 ¢
	Residential	Secondary	2.340 ¢	2.920 ¢	5.246 ¢	5.799 ¢
	Commercial	Secondary	2.340 ¢	2.920 ¢	5.242 ¢	5.821 ¢

			Present	Final	Present	Final
Small General (E13)			Base Rates		Rates + Fuel	
Customer / Mo.			\$9.00	\$10.25	\$9.00	\$10.25
Energy / kWh	Summer		7.586 ¢	9.021 ¢	10.523 ¢	11.956 ¢
	Winter		6.066 ¢	7.421 ¢	8.948 ¢	10.301 ¢

			Present	Final	Present	Final
Small General TOD (E14, E18)			Base Rates		Rates + Fuel	
Customer / Mo.	TOD Metered		\$11.00	\$12.25	\$11.00	\$12.25
	KWH Metered		\$9.00	\$10.25	\$9.00	\$10.25
	Unmetered		\$7.00	\$8.00	\$7.00	\$8.00
	Low Wattage <100W		\$0.28	\$0.31	\$0.28	\$0.31
	Low Wattage <400W		\$1.14	\$1.25	\$1.14	\$1.25
Energy / kWh	On-Peak	Summer	13.345 ¢	15.745 ¢	16.282 ¢	18.680 ¢
	On-Peak	Winter	10.090 ¢	12.297 ¢	12.972 ¢	15.177 ¢
	Off-Peak	Summer	2.540 ¢	3.200 ¢	5.477 ¢	6.135 ¢
	Off-Peak	Winter	2.540 ¢	3.200 ¢	5.422 ¢	6.080 ¢
	Constant Use -	Summer	6.322 ¢	7.591 ¢	9.259 ¢	10.526 ¢
	Constant Use -	Winter	5.183 ¢	6.384 ¢	8.065 ¢	9.264 ¢

			Present	Final	Present	Final
Demand-Metered Voltage Discounts			Base Rates		Rates + Fuel	
Voltage Discount / kWh	Primary		0.109 ¢	0.147 ¢	0.109 ¢	0.147 ¢
	Trans. Transf.		0.260 ¢	0.300 ¢	0.260 ¢	0.300 ¢
	Transmission		0.280 ¢	0.320 ¢	0.280 ¢	0.320 ¢
Voltage Discount / kW	Primary		\$0.70	\$0.70	\$0.70	\$0.70
	Trans. Transf.		\$1.40	\$1.35	\$1.40	\$1.35
	Transmission		\$2.00	\$2.00	\$2.00	\$2.00

			Present	Final	Present	Final
General (E15)			Base Rates		Rates + Fuel	
Customer / Mo.			\$21.00	\$24.00	\$21.00	\$24.00
Demand / kW	Summer		\$11.75	\$13.61	\$11.75	\$13.61
	Winter		\$8.05	\$9.41	\$8.05	\$9.41
Energy / kWh			2.910 ¢	3.580 ¢	5.752 ¢	6.433 ¢
Energy Credit / kWh			-0.766 ¢	-0.953 ¢	-0.766 ¢	-0.953 ¢

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Comparison Of Present & Proposed Rates

		Present	Final	Present	Final
General Time of Day (E16)		Base Rates		Rates + Fuel	
Customer / Mo.		\$24.00	\$27.00	\$24.00	\$27.00
On-Peak Demand / kW	Summer	\$11.75	\$13.61	\$11.75	\$13.61
	Winter	\$8.05	\$9.41	\$8.05	\$9.41
Off-Peak Demand / kW		\$2.00	\$2.00	\$2.00	\$2.00
Energy / kWh	On-Peak	3.744 ¢	4.820 ¢	7.308 ¢	8.259 ¢
	Off-Peak	2.297 ¢	2.537 ¢	4.557 ¢	4.899 ¢
Energy Credit / kWh		-0.766 ¢	-0.953 ¢	-0.766 ¢	-0.953 ¢

		Present	Final	Present	Final
Peak-Controlled (E20)		Base Rates		Rates + Fuel	
Customer / Mo.		\$50.00	\$55.00	\$50.00	\$55.00
Firm Demand / kW	Summer	\$11.75	\$13.61	\$11.75	\$13.61
	Winter	\$8.05	\$9.41	\$8.05	\$9.41
Control Demand / kW		\$5.82	\$7.24	\$5.82	\$7.24
Energy / kWh		2.910 ¢	3.580 ¢	5.752 ¢	6.433 ¢
Energy Credit / kWh		-0.766 ¢	-0.953 ¢	-0.766 ¢	-0.953 ¢

		Present	Final	Present	Final
Peak-Controlled TOD (E21)		Base Rates		Rates + Fuel	
Customer / Mo.		\$50.00	\$55.00	\$50.00	\$55.00
On-Peak Demand / kW	Summer	\$11.75	\$13.61	\$11.75	\$13.61
	Winter	\$8.05	\$9.41	\$8.05	\$9.41
Control Demand / kW		\$5.82	\$7.24	\$5.82	\$7.24
Off-Peak Demand / kW		\$2.00	\$2.00	\$2.00	\$2.00
Energy / kWh	On-Peak	3.744 ¢	4.820 ¢	7.308 ¢	8.259 ¢
	Off-Peak	2.297 ¢	2.537 ¢	4.557 ¢	4.899 ¢
Energy Credit / kWh		-0.766 ¢	-0.953 ¢	-0.766 ¢	-0.953 ¢

		Present	Final	Present	Final
Energy-Controlled Service (E22)		Base Rates		Rates + Fuel	
Customer / Mo.		\$50.00	\$55.00	\$50.00	\$55.00
On-Peak Demand / kW	Summer	\$11.75	\$13.61	\$11.75	\$13.61
	Winter	\$8.05	\$9.41	\$8.05	\$9.41
Control Demand / kW		\$5.41	\$6.74	\$5.41	\$6.74
Off-Peak Demand / kW		\$2.00	\$2.00	\$2.00	\$2.00
Energy / kWh	Firm On-Peak	3.744 ¢	4.820 ¢	7.308 ¢	8.259 ¢
	Firm Off-Peak	2.297 ¢	2.537 ¢	4.557 ¢	4.899 ¢
	Controllable On-Peak	3.401 ¢	4.480 ¢	6.965 ¢	7.919 ¢
	Controllable Off-Peak	2.177 ¢	2.429 ¢	4.437 ¢	4.791 ¢
	Control Period Energy	9.200 ¢	9.200 ¢	12.764 ¢	12.639 ¢
Energy Credit / kWh		-0.766 ¢	-0.953 ¢	-0.766 ¢	-0.953 ¢

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Comparison Of Present & Proposed Rates

		Present	Final	Present	Final
Automatic Protective Lighting (E12)		Base Rates		Rates + Fuel	
Area	100 W HPSodium	\$7.40	\$7.64	\$8.26	\$8.52
	175 W Mercury	\$7.40	\$7.64	\$8.88	\$9.16
	250 W HPSodium	\$13.18	\$13.60	\$15.42	\$15.91
	400 W Mercury	\$13.18	\$13.60	\$16.54	\$17.06
Directional	250 W HPSodium	\$14.64	\$15.10	\$16.88	\$17.41
	400 W Mercury	\$14.61	\$15.10	\$17.97	\$18.56
	400 W HPSodium	\$18.33	\$18.92	\$21.85	\$22.54

St. Lighting System (E30)		Base Rates		Rates + Fuel	
Overhead	100 W HPSodium	\$13.41	\$13.55	\$14.27	\$14.43
	150 W HPSodium	\$15.26	\$15.42	\$16.51	\$16.70
	250 W HPSodium	\$19.72	\$19.90	\$21.96	\$22.21
	400 W HPSodium	\$24.25	\$24.47	\$27.77	\$28.09
Underground	100 W HPSodium	\$22.11	\$22.35	\$22.97	\$23.23
	150 W HPSodium	\$24.08	\$24.34	\$25.33	\$25.62
	250 W HPSodium	\$28.83	\$29.12	\$31.07	\$31.43
Decorative UG	100 W HPSodium	\$29.79	\$30.12	\$30.65	\$31.00
	150 W HPSodium	\$31.22	\$31.56	\$32.47	\$32.84
	250 W HPSodium	\$38.03	\$38.42	\$40.27	\$40.73

St. Lighting Energy (E31)		Base Rates		Rates + Fuel	
Group 1	70 W HPSodium	\$4.04	\$4.15	\$4.63	\$4.76
	100 W HPSodium	\$4.67	\$4.83	\$5.53	\$5.71
	150 W HPSodium	\$5.61	\$5.84	\$6.86	\$7.12
	250 W HPSodium	\$7.99	\$8.41	\$10.23	\$10.72
	400 W HPSodium	\$11.06	\$11.71	\$14.58	\$15.33
	1000 W HPSodium	\$22.41	\$23.94	\$30.67	\$32.43
	175 W Mercury	\$6.17	\$6.44	\$7.65	\$7.96
	400 W Mercury	\$10.28	\$11.30	\$13.64	\$14.76
Group 4	70 W HPSodium	\$1.84	\$1.95	\$2.43	\$2.56
	100 W HPSodium	\$2.41	\$2.56	\$3.27	\$3.44
	150 W HPSodium	\$3.41	\$3.64	\$4.66	\$4.92
	250 W HPSodium	\$5.79	\$6.21	\$8.03	\$8.52
	400 W HPSodium	\$8.86	\$9.51	\$12.38	\$13.13
	175 W Mercury	\$3.97	\$4.24	\$5.45	\$5.76
Group 4 Metered	Energy Charge per kWh	5.353 ¢	5.743 ¢	7.464 ¢	7.910 ¢

St. Lighting Energy - Metered (E32)		Base Rates		Rates + Fuel	
Customer / Mo.		\$5.00	\$5.00	\$5.00	\$5.00
Energy Charge per kWh		5.053 ¢	5.443 ¢	7.164 ¢	7.610 ¢

	Present	Final
Fire & Civil Defense Siren (E40)		
HP Capacity / Mo.	\$0.62	\$0.68
Min Charge / Mo.	\$2.80	\$3.09

Standby Service Rider			
Customer / Mo.	\$25.00	\$27.00	
Demand / Contract kW	Unscheduled-Secondary	\$2.87	\$3.06
	Unscheduled-Primary	\$2.17	\$2.36
	Scheduled-Secondary	\$2.77	\$2.96
	Scheduled-Primary	\$2.07	\$2.26
	Non Firm-Secondary	\$2.00	\$2.00
	Non Firm-Primary	\$1.30	\$1.30