

Comparison Of Present & Proposed Rates

Fuel Cost - Retail	Present			Proposed		
	Summer	Winter	Annual	Summer	Winter	Annual
Retail	2.508 ¢	2.027 ¢	2.214 ¢	2.508 ¢	2.027 ¢	2.214 ¢
Residential	2.482 ¢	1.955 ¢	2.159 ¢	2.488 ¢	1.960 ¢	2.165 ¢
C&I - Non-Demand	2.500 ¢	1.969 ¢	2.175 ¢	2.433 ¢	1.916 ¢	2.117 ¢
C&I-Dmd - Non-TOD	2.472 ¢	1.947 ¢	2.151 ¢	2.465 ¢	1.942 ¢	2.145 ¢
C&I-Dmd -TOD On-Peak	2.964 ¢	2.334 ¢	2.579 ¢	2.924 ¢	2.303 ¢	2.544 ¢
C&I-Dmd -TOD Off-Peak	2.035 ¢	1.603 ¢	1.771 ¢	2.068 ¢	1.629 ¢	1.800 ¢
Lighting	1.868 ¢	1.471 ¢	1.625 ¢	1.968 ¢	1.550 ¢	1.713 ¢

		Present	Proposed	Present	Proposed
Residential (E01, E03)		Base Rates		Rates + Fuel	
Customer / Mo.	Overhead	\$8.25	\$9.75	\$8.25	\$9.75
	Underground	\$10.25	\$11.75	\$10.25	\$11.75
	Overhead - Electric Sp Ht	\$8.25	\$9.75	\$8.25	\$9.75
	Underground - Electric Sp Ht	\$10.25	\$11.75	\$10.25	\$11.75
Energy / kWh	Summer	9.071 ¢	13.388 ¢	11.553 ¢	15.876 ¢
	Winter 0-1000 KWH	7.503 ¢	11.820 ¢	9.458 ¢	13.780 ¢
	Winter Over 1000 KWH	7.235 ¢	11.554 ¢	9.190 ¢	13.514 ¢
	Win Sp Heat 0-1000 KWH	7.503 ¢	11.820 ¢	9.458 ¢	13.780 ¢
	Win Sp Heat Over 1000 KWH	4.803 ¢	9.120 ¢	6.758 ¢	11.080 ¢

		Present	Proposed	Present	Proposed
Residential Time of Day (E02, E04)		Base Rates		Rates + Fuel	
Customer / Mo.	Overhead	\$10.25	\$11.75	\$10.25	\$11.75
	Underground	\$12.25	\$13.75	\$12.25	\$13.75
	Overhead - Electric Sp Ht	\$10.25	\$11.75	\$10.25	\$11.75
	Underground - Electric Sp Ht	\$12.25	\$13.75	\$12.25	\$13.75
Energy / kWh	On-Peak Summer	18.939 ¢	27.680 ¢	21.421 ¢	30.168 ¢
	On-Peak Winter	14.704 ¢	23.460 ¢	16.659 ¢	25.420 ¢
	On-Peak Winter -Elec. Sp Ht	12.444 ¢	21.925 ¢	14.399 ¢	23.885 ¢
	Off-Peak Summer	3.010 ¢	4.610 ¢	5.492 ¢	7.098 ¢
	Off-Peak Winter	3.010 ¢	4.610 ¢	4.965 ¢	6.570 ¢

		Present	Proposed	Present	Proposed
Residential Heat Pump (E06)		Base Rates		Rates + Fuel	
Customer / Mo.		\$3.05	\$3.60	\$3.05	\$3.60
Energy / kWh	Summer	7.281 ¢	11.082 ¢	9.763 ¢	13.570 ¢
	Winter	4.678 ¢	8.995 ¢	6.633 ¢	10.955 ¢

		Present	Proposed	Present	Proposed
Energy-Controlled Non-Demand (E10)		Base Rates		Rates + Fuel	
Customer / Mo.		\$3.05	\$3.60	\$3.05	\$3.60
Energy / kWh	Standard Resid.	4.018 ¢	8.335 ¢	6.177 ¢	10.500 ¢
	Standard Comm.	4.018 ¢	8.335 ¢	6.193 ¢	10.452 ¢
	Optional Resid. - Summer	9.071 ¢	13.388 ¢	11.553 ¢	15.876 ¢
	Optional Comm.- Summer	8.429 ¢	12.360 ¢	10.929 ¢	14.793 ¢

Comparison Of Present & Proposed Rates

			Present	Proposed	Present	Proposed
Limited Off-Peak (E11)			Base Rates		Rates + Fuel	
Customer / Mo.	Residential		\$3.05	\$3.60	\$3.05	\$3.60
	Commercial	Sec - 1 Phase	\$3.05	\$3.60	\$3.05	\$3.60
	Commercial	Sec - 3 Phase	\$5.15	\$6.08	\$5.15	\$6.08
	Commercial	Primary	\$25.00	\$27.50	\$25.00	\$27.50
Energy / kWh	Residential	On-Peak	27.000 ¢	27.000 ¢	29.159 ¢	29.165 ¢
	Commercial	On-Peak	27.000 ¢	27.000 ¢	29.175 ¢	29.117 ¢
	Residential	Secondary	2.770 ¢	4.370 ¢	4.929 ¢	6.535 ¢
	Commercial	Secondary	2.770 ¢	4.370 ¢	4.945 ¢	6.487 ¢
	Commercial	Primary	2.626 ¢	4.226 ¢	4.801 ¢	6.343 ¢

			Present	Proposed	Present	Proposed
Small General (E13)			Base Rates		Rates + Fuel	
Customer / Mo.			\$9.00	\$10.50	\$9.00	\$10.50
Energy / kWh	Summer		8.429 ¢	12.360 ¢	10.929 ¢	14.793 ¢
	Winter		6.861 ¢	10.792 ¢	8.830 ¢	12.708 ¢

			Present	Proposed	Present	Proposed
Small General TOD (E14, E18)			Base Rates		Rates + Fuel	
Customer / Mo.	TOD Metered		\$11.00	\$12.50	\$11.00	\$12.50
	KWH Metered		\$9.00	\$10.50	\$9.00	\$10.50
	Unmetered		\$7.00	\$8.50	\$7.00	\$8.50
	Low Wattage <100W		\$0.28	\$0.31	\$0.28	\$0.31
	Low Wattage <400W		\$1.14	\$1.27	\$1.14	\$1.27
Energy / kWh	On-Peak	Summer	14.689 ¢	21.313 ¢	17.189 ¢	23.746 ¢
	On-Peak	Winter	11.310 ¢	17.933 ¢	13.279 ¢	19.849 ¢
	Off-Peak	Summer	3.010 ¢	4.610 ¢	5.510 ¢	7.043 ¢
	Off-Peak	Winter	3.010 ¢	4.610 ¢	4.979 ¢	6.526 ¢
	Constant Use	Summer	7.098 ¢	10.456 ¢	9.598 ¢	12.889 ¢
	Constant Use	Winter	5.915 ¢	9.273 ¢	7.884 ¢	11.189 ¢

			Present	Proposed	Present	Proposed
Demand-Metered Voltage Discounts			Base Rates		Rates + Fuel	
Voltage Discount / kWh	Primary		0.144 ¢	0.190 ¢	0.144 ¢	0.190 ¢
	Trans. Transf.		0.290 ¢	0.320 ¢	0.290 ¢	0.320 ¢
	Transmission		0.320 ¢	0.410 ¢	0.320 ¢	0.410 ¢
Voltage Discount / kW	Primary		\$0.70	\$0.65	\$0.70	\$0.65
	Trans. Transf.		\$1.35	\$1.90	\$1.35	\$1.90
	Transmission		\$2.00	\$2.70	\$2.00	\$2.70

			Present	Proposed	Present	Proposed
General (E15)			Base Rates		Rates + Fuel	
Customer / Mo.			\$22.20	\$24.70	\$22.20	\$24.70
Demand / kW	Summer		\$13.02	\$15.60	\$13.02	\$15.60
	Winter		\$9.02	\$11.60	\$9.02	\$11.60
Energy / kWh			3.411 ¢	6.525 ¢	5.562 ¢	8.670 ¢
Energy Credit / kWh			-0.953 ¢	-1.255 ¢	-0.953 ¢	-1.255 ¢

Comparison Of Present & Proposed Rates

		Present	Proposed	Present	Proposed
General Time of Day (E16)		Base Rates		Rates + Fuel	
Customer / Mo.		\$25.20	\$27.70	\$25.20	\$27.70
On-Peak Demand / kW	Summer	\$13.02	\$15.60	\$13.02	\$15.60
	Winter	\$9.02	\$11.60	\$9.02	\$11.60
Off-Peak Demand / kW		\$2.00	\$2.70	\$2.00	\$2.70
Energy / kWh	On-Peak	4.592 ¢	8.566 ¢	7.171 ¢	11.110 ¢
	Off-Peak	2.417 ¢	4.759 ¢	4.188 ¢	6.559 ¢
Energy Credit / kWh		-0.953 ¢	-1.255 ¢	-0.953 ¢	-1.255 ¢

		Present	Proposed	Present	Proposed
Peak-Controlled (E20)		Base Rates		Rates + Fuel	
Customer / Mo.		\$54.20	\$56.70	\$54.20	\$56.70
Firm Demand / kW	Summer	\$13.02	\$15.60	\$13.02	\$15.60
	Winter	\$9.02	\$11.60	\$9.02	\$11.60
Control Demand / kW		\$6.78	\$9.14	\$6.78	\$9.14
Energy / kWh		3.411 ¢	6.525 ¢	5.562 ¢	8.670 ¢
Energy Credit / kWh		-0.953 ¢	-1.255 ¢	-0.953 ¢	-1.255 ¢

		Present	Proposed	Present	Proposed
Peak-Controlled TOD (E21)		Base Rates		Rates + Fuel	
Customer / Mo.		\$54.20	\$56.70	\$54.20	\$56.70
On-Peak Demand / kW	Summer	\$13.02	\$15.60	\$13.02	\$15.60
	Winter	\$9.02	\$11.60	\$9.02	\$11.60
Control Demand / kW		\$6.78	\$9.14	\$6.78	\$9.14
Off-Peak Demand / kW		\$2.00	\$2.70	\$2.00	\$2.70
Energy / kWh	On-Peak	4.592 ¢	8.566 ¢	7.171 ¢	11.110 ¢
	Off-Peak	2.417 ¢	4.759 ¢	4.188 ¢	6.559 ¢
Energy Credit / kWh		-0.953 ¢	-1.255 ¢	-0.953 ¢	-1.255 ¢

		Present	Proposed	Present	Proposed
Energy-Controlled Service (E22)		Base Rates		Rates + Fuel	
Customer / Mo.		\$54.20	\$56.70	\$54.20	\$56.70
On-Peak Demand / kW	Summer	\$13.02	\$15.60	\$13.02	\$15.60
	Winter	\$9.02	\$11.60	\$9.02	\$11.60
Control Demand / kW		\$6.28	\$8.57	\$6.28	\$8.57
Off-Peak Demand / kW		\$2.00	\$2.70	\$2.00	\$2.70
Energy / kWh	Firm On-Peak	4.592 ¢	8.566 ¢	7.171 ¢	11.110 ¢
	Firm Off-Peak	2.417 ¢	4.759 ¢	4.188 ¢	6.559 ¢
	Controllable On-Peak	4.252 ¢	8.190 ¢	6.831 ¢	10.734 ¢
	Controllable Off-Peak	2.309 ¢	4.617 ¢	4.080 ¢	6.417 ¢
	Control Period Energy	9.200 ¢	9.200 ¢	11.779 ¢	11.744 ¢
Energy Credit / kWh		-0.953 ¢	-1.255 ¢	-0.953 ¢	-1.255 ¢

		Present	Proposed	Present	Proposed
Automatic Protective Lighting (E12)		Base Rates		Rates + Fuel	
Area	100 W HPSodium	\$7.93	\$9.03	\$8.62	\$9.73
	175 W Mercury	\$7.93	\$9.03	\$9.13	\$10.25
	250 W HPSodium	\$14.14	\$16.18	\$15.96	\$18.02
	400 W Mercury	\$14.14	\$16.18	\$16.86	\$18.94
Directional	250 W HPSodium	\$15.70	\$17.94	\$17.52	\$19.78
	400 W Mercury	\$15.70	\$17.94	\$18.42	\$20.70
	400 W HPSodium	\$19.69	\$22.56	\$22.54	\$25.45

St. Lighting System (E30)		Base Rates		Rates + Fuel	
Overhead	100 W HPSodium	\$14.06	\$14.35	\$14.75	\$15.05
	150 W HPSodium	\$16.00	\$16.32	\$17.01	\$17.35
	250 W HPSodium	\$20.68	\$21.11	\$22.50	\$22.95
	400 W HPSodium	\$25.45	\$25.98	\$28.30	\$28.87
	30-40W LED	\$14.25	\$14.48	\$14.54	\$14.77
	50-75W LED	\$16.16	\$16.54	\$16.48	\$16.87
	110-165W LED	\$21.41	\$22.33	\$21.85	\$22.78
	200-250W LED	\$26.84	\$28.29	\$27.39	\$28.86
Underground	100 W HPSodium	\$23.16	\$23.63	\$23.85	\$24.33
	150 W HPSodium	\$25.23	\$25.74	\$26.24	\$26.77
	250 W HPSodium	\$30.21	\$30.84	\$32.03	\$32.68
	50-75W LED	\$23.35	\$23.58	\$23.83	\$24.06
	110-165W LED	\$25.39	\$25.77	\$25.90	\$26.29
	200-250W LED	\$30.94	\$31.86	\$31.57	\$32.50
Decorative UG	100 W HPSodium	\$31.15	\$31.73	\$31.84	\$32.43
	150 W HPSodium	\$32.66	\$33.27	\$33.67	\$34.30
	250 W HPSodium	\$39.84	\$40.66	\$41.66	\$42.50

St. Lighting Energy (E31)		Base Rates		Rates + Fuel	
Group 1	70 W HPSodium	\$4.32	\$4.84	\$4.80	\$5.33
	100 W HPSodium	\$5.03	\$5.79	\$5.72	\$6.49
	150 W HPSodium	\$6.09	\$7.21	\$7.10	\$8.24
	250 W HPSodium	\$8.78	\$10.78	\$10.60	\$12.62
	400 W HPSodium	\$12.24	\$15.38	\$15.09	\$18.27
	1000 W HPSodium	\$25.04	\$32.40	\$31.72	\$39.19
	175 W Mercury	\$6.72	\$8.04	\$7.92	\$9.26
	400 W Mercury	\$11.81	\$14.79	\$14.53	\$17.55
Group 4	70 W HPSodium	\$2.02	\$2.54	\$2.50	\$3.03
	100 W HPSodium	\$2.68	\$3.46	\$3.37	\$4.16
	150 W HPSodium	\$3.79	\$4.91	\$4.80	\$5.94
	250 W HPSodium	\$6.48	\$8.48	\$8.30	\$10.32
	400 W HPSodium	\$9.94	\$13.08	\$12.79	\$15.97
	175 W Mercury	\$4.42	\$5.75	\$5.62	\$6.97
	Charge per LED Watt	3.070 ¢		3.750 ¢	
Group 4 Metered	Energy Charge per kWh	5.999 ¢	7.878 ¢	7.624 ¢	9.591 ¢

Northern States Power Company

Electric Utility - South Dakota

Test Year Ending December 31, 2021

Docket No. EL22-__

Exhibit __ (NNP-1), Schedule 4

St. Lighting Energy - Metered (E32)	Base Rates		Rates + Fuel	
Customer / Mo.	\$5.00	\$5.25	\$5.00	\$5.25
Energy Charge per kWh	5.699 ¢	7.578 ¢	7.324 ¢	9.291 ¢

	Present	Proposed
Fire & Civil Defense Siren (E40)		
HP Capacity / Mo.	\$0.64	\$0.70
Min Charge / Mo.	\$2.91	\$2.99

Standby Service Rider			
Customer / Mo.		\$25.20	\$27.70
Demand / Contract kW	Unscheduled-Secondary	\$3.00	\$3.93
	Unscheduled-Primary	\$2.00	\$3.28
	Scheduled-Secondary	\$2.90	\$3.83
	Scheduled-Primary	\$2.20	\$3.18
	Non Firm-Secondary	\$2.00	\$2.70
	Non Firm-Primary	\$1.30	\$2.05