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	Distribution Cost - 2021	Secondary	Primary	Transmission Transformed	Total
1	Sec - Line 35	\$1,779	\$0		\$1,779
2	Pri - Line 34	\$5,169	\$1,403		\$6,572
3	Sub - Line 33	\$2,578	\$625		\$3,202
4	Total	\$9,526	\$2,028	\$0	\$11,553

Billing KW

5	Sec	2,913			2,913
6	Pri	2,913	558		3,471
7	Sub	2,913	558		3,471

Losses

8	Sec	1.0000			
9	Pri	1.0210	1.0000		
10	Sub	1.0423	1.0209	1.0000	

Billing KW with Losses

11	Sec	2,913			2,913
12	Pri	2,975	558		3,532
13	Sub	3,037	569	0	3,606

Cost per kW - 2021

14	Sec (1) / (11)	\$0.61			\$0.61	(a)
15	Pri (2) / (12)	\$1.77	\$2.52		\$1.86	(b)
16	Sub (3) / (13)	\$0.88	\$1.12		\$0.89	(c)

Demand Voltage Discount	2021 Cost	Present	Proposed
Primary (a)	\$0.61	\$0.70	\$0.65
Tr Transformed (a) + (b)	\$2.47	\$1.35	\$1.90
Transmission (a) + (b) + (c)	\$3.36	\$2.00	\$2.70

Northern States Power Company
 Electric Utility - South Dakota
VOLTAGE DISCOUNT ANALYSIS
Energy Charge

Docket No. EL22-____
 Exhibit____(NNP-1), Schedule 7
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	Secondary	Primary	Transmission Transformed	Transmission
1 Loss Difference	0.00%	2.67%	4.10%	5.68%
Proposed General Service - per kWh				
2 Base Energy and Fuel	8.695 ¢	8.463 ¢	8.339 ¢	8.201 ¢
Proposed Energy Voltage Discount - per kWh				
3 Discount from Secondary		0.232 ¢	0.356 ¢	0.494 ¢
Present Discounts		0.144 ¢	0.290 ¢	0.320 ¢