

Northern States Power Company
South Dakota Electric Jurisdiction
Electric Utility - Lead Lag Study
Cash Working Capital
12 Months Ended December 31, 2023

Description	2023 South Dakota Jurisdiction Days
<u>Revenue Lag Days</u>	
Computer Billing	33.42
Manual Billing	33.42
Late Payment	0.00
Connect and Trouble Charges	33.42
Rentals	(41.11)
Interchange Revenues	37.04
Sales for Resale	30.75
Production Associated Revenues	30.75
Midwest Independent System Operators ("MISO")	14.00
Point to Point - Non-Firm	30.75
Services and Facilities	30.75
Ancillary Service Revenues	30.75
Distribution Associated Revenues	33.42
Other	33.42
Joint Operating Agreement - Revenue fr/to PSCO	30.75
<u>Payment Lead Days</u>	
Coal and Rail Transport	16.94
Gas for Generation	38.81
Oil	11.15
Purchased Power	39.10
Interchange	37.04
Labor and Related Costs	
Regular Payroll	12.05
Incentive Compensation	250.47
Pension and Benefits	37.04
All Other Operating Expenses	34.49
Property Taxes	357.73
Employer's Payroll Taxes	23.84
Gross Earnings (Franchise Fees) Taxes	
Electric - Minnesota	60.65
Electric - North Dakota	39.86
Federal Income Taxes	36.25
State Income Taxes - Minnesota	28.75
State Income Taxes - North Dakota	36.25
State Income Taxes - Wisconsin	0.00
State Sales Taxes on Customer Billings-Minnesota	35.21
State Sales Taxes on Customer Billings-North Dakota	45.67
State Sales Taxes on Customer Billings-South Dakota	38.40
 Number of Days in the Year	 365

Northern States Power Company (Minnesota)
South Dakota Electric Jurisdiction
Calculation of State Sales Tax for Cash Working Capital
2024 Actuals

MONTHLY SALES TAX SUMMARY

Sum of Final Tax Amount	Filing Period														
Jurisdiction	2024-01	2024-02	2024-03	2024-04	2024-05	2024-06	2024-07	2024-08	2024-09	2024-10	2024-11	2024-12	Grand Total		
ALEXANDRIA	\$ 1,125.35	\$ 948.76	\$ 815.36	\$ 750.98	\$ 669.54	\$ 900.86	\$ 1,201.13	\$ 1,270.33	\$ 1,087.68	\$ 819.85	\$ 769.48	\$ 1,305.15	\$ 11,664.47		
ARTESIAN	\$ 447.61	\$ 378.84	\$ 313.52	\$ 251.40	\$ 203.94	\$ 232.77	\$ 283.37	\$ 313.74	\$ 281.18	\$ 225.97	\$ 241.49	\$ 480.79	\$ 3,654.62		
BALTIC	\$ 1,507.31	\$ 1,281.07	\$ 1,131.47	\$ 1,052.16	\$ 971.86	\$ 1,396.85	\$ 1,687.85	\$ 1,692.34	\$ 1,723.68	\$ 1,232.11	\$ 1,108.25	\$ 1,600.95	\$ 16,385.90		
BRANDON	\$ 1,087.62	\$ 1,028.76	\$ 886.53	\$ 917.07	\$ 880.37	\$ 1,227.93	\$ 1,193.03	\$ 1,261.75	\$ 1,200.16	\$ 834.05	\$ 1,798.40	\$ 1,214.85	\$ 13,530.52		
BRIDGEWATER	\$ 1,064.22	\$ 888.81	\$ 803.82	\$ 605.14	\$ 676.41	\$ 814.72	\$ 920.86	\$ 1,063.78	\$ 896.76	\$ 664.97	\$ 741.28	\$ 1,209.83	\$ 10,350.60		
BROOKINGS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
CANISTOTA	\$ 1,195.47	\$ 947.82	\$ 920.13	\$ 814.13	\$ 670.00	\$ 789.56	\$ 1,152.84	\$ 1,045.01	\$ 1,024.35	\$ 841.52	\$ 789.18	\$ 1,204.19	\$ 11,394.20		
CANOVA	\$ 203.80	\$ 157.93	\$ 142.02	\$ 124.44	\$ 93.67	\$ 105.87	\$ 150.21	\$ 154.67	\$ 117.87	\$ 112.02	\$ 113.72	\$ 258.87	\$ 1,735.09		
CANTON	\$ 4,915.20	\$ 4,427.41	\$ 3,729.05	\$ 3,750.48	\$ 3,349.45	\$ 4,482.16	\$ 6,363.55	\$ 6,161.41	\$ 5,979.78	\$ 4,684.46	\$ 3,531.90	\$ 5,299.03	\$ 56,673.88		
CARTHAGE	\$ 421.13	\$ 329.44	\$ 295.03	\$ 248.68	\$ 198.97	\$ 237.47	\$ 292.69	\$ 333.59	\$ 281.10	\$ 250.81	\$ 273.43	\$ 461.22	\$ 3,623.56		
CENTERVILLE	\$ 1,658.80	\$ 1,348.41	\$ 1,200.42	\$ 1,035.32	\$ 1,049.31	\$ 1,397.16	\$ 1,752.96	\$ 1,882.75	\$ 1,608.63	\$ 1,272.16	\$ 1,286.52	\$ 1,854.89	\$ 17,347.33		
CHANCELLOR	\$ 593.81	\$ 484.66	\$ 403.48	\$ 408.77	\$ 363.09	\$ 447.70	\$ 546.99	\$ 570.96	\$ 492.04	\$ 374.44	\$ 458.31	\$ 695.58	\$ 5,839.83		
CODINGTON	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
CROOKS	\$ 1,507.71	\$ 1,258.23	\$ 1,085.26	\$ 1,036.93	\$ 918.20	\$ 1,303.07	\$ 1,608.73	\$ 1,591.40	\$ 1,641.28	\$ 1,080.23	\$ 1,068.29	\$ 1,649.35	\$ 15,748.68		
DELL RAPIDS	\$ 6,203.46	\$ 5,648.87	\$ 4,942.12	\$ 5,378.93	\$ 5,166.02	\$ 6,209.79	\$ 7,774.52	\$ 7,702.72	\$ 8,128.72	\$ 6,347.59	\$ 5,818.86	\$ 7,073.86	\$ 76,395.46		
DOLTON	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
ELKTON	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
EMERY	\$ 1,294.76	\$ 1,041.83	\$ 945.17	\$ 876.92	\$ 743.52	\$ 862.90	\$ 1,069.15	\$ 1,150.05	\$ 995.77	\$ 641.15	\$ 1,291.57	\$ 1,382.02	\$ 12,294.81		
FULTON	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
GARRETSON	\$ 2,160.53	\$ 1,985.41	\$ 1,650.01	\$ 1,625.31	\$ 1,304.56	\$ 1,631.62	\$ 2,133.22	\$ 2,164.57	\$ 2,234.77	\$ 1,680.00	\$ 1,479.97	\$ 2,311.74	\$ 22,361.71		
GRANT COUNTY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
HANSON	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
HARRISBURG	\$ 9,825.17	\$ 8,255.03	\$ 7,646.53	\$ 8,509.78	\$ 6,993.23	\$ 8,799.17	\$ 11,570.82	\$ 11,481.52	\$ 11,130.33	\$ 8,496.24	\$ 8,295.69	\$ 10,314.38	\$ 111,317.89		
HUGHES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
LENNOX	\$ 4,149.16	\$ 3,704.61	\$ 3,796.31	\$ 3,280.74	\$ 3,058.95	\$ 3,900.81	\$ 5,786.03	\$ 5,617.37	\$ 5,398.61	\$ 4,215.00	\$ 3,196.13	\$ 4,015.99	\$ 50,119.71		
LINCOLN	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
MARION	\$ 1,579.04	\$ 1,257.44	\$ 1,154.37	\$ 1,004.26	\$ 821.43	\$ 1,013.81	\$ 1,456.50	\$ 1,418.83	\$ 1,323.05	\$ 985.14	\$ 1,004.81	\$ 1,646.99	\$ 14,665.67		
MCCOOK	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
MINER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
MINNEHAHA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
MONROE	\$ 258.94	\$ 186.83	\$ 187.69	\$ 163.98	\$ 121.92	\$ 157.20	\$ 237.14	\$ 248.91	\$ 208.51	\$ 153.33	\$ 157.85	\$ 258.59	\$ 2,340.89		
MOODY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
PIERRE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
RAMONA	\$ 323.31	\$ 257.07	\$ 232.88	\$ 216.82	\$ 204.31	\$ 252.22	\$ 336.23	\$ 347.84	\$ 292.67	\$ 345.77	\$ 320.89	\$ 446.35	\$ 3,576.36		
ROSWELL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
SALEM	\$ 2,328.18	\$ 1,932.76	\$ 1,786.68	\$ 1,670.37	\$ 1,530.29	\$ 1,985.45	\$ 2,398.55	\$ 2,679.10	\$ 2,254.42	\$ 1,720.85	\$ 1,745.91	\$ 2,724.14	\$ 24,756.70		
SHERMAN	\$ 67.52	\$ 58.92	\$ 51.98	\$ 20.74	\$ 44.68	\$ 49.48	\$ 65.23	\$ 66.94	\$ 70.64	\$ 55.54	\$ 54.86	\$ 79.76	\$ 686.29		
SIOUX FALLS	\$ 343,133.77	\$ 267,303.90	\$ 303,447.80	\$ 292,377.84	\$ 272,539.08	\$ 283,981.47	\$ 383,524.55	\$ 477,576.27	\$ 362,649.74	\$ 381,026.76	\$ 249,650.42	\$ 420,797.46	\$ 4,038,009.06		
SOUTH DAKOTA	\$ 870,054.08	\$ 691,322.24	\$ 755,152.25	\$ 731,288.19	\$ 674,117.81	\$ 723,311.33	\$ 970,166.27	\$ 1,170,770.95	\$ 922,210.34	\$ 926,627.34	\$ 644,903.01	\$ 1,054,700.27	\$ 10,134,624.08		
TEA	\$ 3,963.50	\$ 3,283.35	\$ 3,016.89	\$ 2,984.10	\$ 2,819.59	\$ 3,392.05	\$ 4,552.80	\$ 4,702.88	\$ 4,287.63	\$ 3,352.95	\$ 2,945.85	\$ 4,360.00	\$ 43,661.59		
TURNER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
UNINCORPORATED SD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
VILAS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
WORTHING	\$ 1,022.25	\$ 803.41	\$ 744.78	\$ 781.19	\$ 675.56	\$ 901.24	\$ 1,337.22	\$ 1,256.81	\$ 1,194.40	\$ 838.17	\$ 795.51	\$ 1,010.47	\$ 11,361.01		
Grand Total	\$ 1,262,091.70	\$ 1,000,521.81	\$ 1,096,481.55	\$ 1,061,174.67	\$ 980,185.76	\$ 1,049,784.66	\$ 1,409,562.44	\$ 1,704,526.49	\$ 1,338,714.11	\$ 1,348,878.42	\$ 933,841.58	\$ 1,528,356.72	\$ 14,714,119.91		