

Northern States Power (NSP) is a wholly-owned subsidiary of Xcel Energy Inc., an investor-owned U.S. electric and natural gas company.

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Reporting Information

Inventory Type

Complete

Reporting Protocol:

GRP 3.0

GWP Standard:

AR5

Base Year:

2005

Scope 2 method

Market-based

Reporting Year Type

Calendar Year

Consolidation Methodology:

Operational Control and Equity

Status:

TCR Accepted

Verification Information

Verification Body: GHD (formerly Conestoga-Rovers & Associates Limited)

Level of Assurance: Reasonable

Entity Emissions | Total in metric tons of CO2e

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Stationary Combustion - Scope 1	9,625,593.705067	9,581,046.94246	8,876.182335	35,670.580272	0	0	0	0
Mobile Combustion - Scope 1	59,819.876146	58,869.12845	105.585477	845.162219	0	0	0	0
Process - Scope 1	16.741626	16.741626	0	0	0	0	0	0
Fugitive - Scope 1	122,542.897707	1,760.64	102,436.465107	0.7526	0	0	0	18,345.04
Total	9,807,973.220546	9,641,693.452536	111,418.232919	36,516.495091	0	0	0	18,345.04
Applied Offsets								
Net Total	9,807,973.220546							

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Location Based - Scope 2	300,644.15897	298,555.5	882.67312	1,205.98585	0	0	0	0
Total	300,644.15897	298,555.5	882.67312	1,205.98585	0	0	0	0
Applied Offsets								
Net Total	300,644.15897							

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Market Based - Scope 2	111,627.68	111,627.68	0	0	0	0	0	0
Total	111,627.68	111,627.68	0	0	0	0	0	0
Applied Offsets								

Net Total	111,627.68								
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Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Stationary Biomass Combustion - Biomass	559,060.87	559,060.87	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	215.75	215.75	0	0	0	0	0	0
Total	559,276.62	559,276.62	0	0	0	0	0	0
Applied Offsets								
Net Total	559,276.62							

Indirect Emissions - Market Based - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Market Based - Biomass	11,081.45	11,081.45	0	0	0	0	0	0
Total	11,081.45	11,081.45	0	0	0	0	0	0
Applied Offsets								
Net Total	11,081.45							

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Business Travel - Scope 3 (Optional)	1,055.80494	1,047.24	0.48244	8.0825	0	0	0	0
Employee Commuting - Scope 3 (Optional)	3,433.24346	3,428.46	0.53816	4.2453	0	0	0	0
Fuel- and Energy-Related Activities - Scope 3 (Optional)	2,503,236.697528	2,485,023.765772	7,939.759552	10,273.172204	0	0	0	0
Biomass - Scope 3 (Optional)	239,221.26	239,221.26	0	0	0	0	0	0
Total	2,746,947.005928	2,728,720.725772	7,940.780152	10,285.500004	0	0	0	0

Applied Offsets

Net Total 2,746,947.005928

Entity Emissions | Total in metric tons of gas

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	9,625,593.705067	9,581,046.94246	317.006512	134.605963	0	0	0	0
Mobile Combustion - Scope 1	59,819.876146	58,869.12845	3.77091	3.189291	0	0	0	0
Process - Scope 1	16.741626	16.741626	0	0	0	0	0	0
Fugitive - Scope 1	122,542.897707	1,760.64	3,658.445182	0.00284	0	0	0	0.78064
Total	9,807,973.220546	9,641,693.452536	3,979.222604	137.798094	0	0	0	0.78064

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	300,644.15897	298,555.5	31.52404	4.55089	0	0	0	0
Total	300,644.15897	298,555.5	31.52404	4.55089	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	111,627.68	111,627.68	0	0	0	0	0	0
Total	111,627.68	111,627.68	0	0	0	0	0	0

Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Biomass Combustion - Biomass	559,060.87	559,060.87	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	215.75	215.75	0	0	0	0	0	0
Total	559,276.62	559,276.62	0	0	0	0	0	0

Indirect Emissions - Market Based - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Biomass	11,081.45	11,081.45	0	0	0	0	0	0
Total	11,081.45	11,081.45	0	0	0	0	0	0

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Business Travel - Scope 3 (Optional)	1,055.80494	1,047.24	0.01723	0.0305	0	0	0	0
Employee Commuting - Scope 3 (Optional)	3,433.24346	3,428.46	0.01922	0.01602	0	0	0	0
Fuel- and Energy-Related Activities - Scope 3 (Optional)	2,503,236.697528	2,485,023.765772	283.562841	38.766688	0	0	0	0
Biomass - Scope 3 (Optional)	239,221.26	239,221.26	0	0	0	0	0	0
Total	2,746,947.005928	2,728,720.725772	283.599291	38.813208	0	0	0	0

Simplified Estimation Methods (SEMs)

	Total Estimated CO2e (t)	Total Emissions (t of CO2e)	Estimated CO2e as a Percentage of Total*
Location-based	0	12,454,307	0.00%
Market-based	0	12,276,372	0.00%
*Total based on Scope 1, Scope 2, & biomass emissions			

Facility Emissions | Allen S King

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	615,160.63355	612,291.29	6.49365	10.14159	0	0	0	0
Mobile Combustion - Scope 1	881.89575	879	0.03575	0.00715	0	0	0	0
Process - Scope 1	0.39	0.39	0	0	0	0	0	0
Fugitive - Scope 1	288.45012	0	10.30179	0	0	0	0	0
Total	616,331.36942	613,170.68	16.83119	10.14874	0	0	0	0

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Fuel- and Energy-Related Activities - Scope 3 (Optional)	6,499.82684	6,447.05	0.49818	0.14652	0	0	0	0
Total	6,499.82684	6,447.05	0.49818	0.14652	0	0	0	0

Facility Emissions | Angus Anson

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	162,879.10291	162,710.87	3.05442	0.31211	0	0	0	0
Mobile Combustion - Scope 1	2.20782	2.2	0.00009	0.00002	0	0	0	0
Process - Scope 1	5.96	5.96	0	0	0	0	0	0
Total	162,887.27073	162,719.03	3.05451	0.31213	0	0	0	0

Facility Emissions | Apple River

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | Aviation Fleet Fuels

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Combustion - Scope 1	748.05995	742.01	0	0.02283	0	0	0	0
Total	748.05995	742.01	0	0.02283	0	0	0	0

Facility Emissions | Bay Front

Equity share - 100.00 | Entity controls the facility emissions - Yes

Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Biomass Combustion - Biomass	254,601.2	254,601.2	0	0	0	0	0	0
Total	254,601.2	254,601.2	0	0	0	0	0	0

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	15,913.89729	12,568.86	23.10168	10.18185	0	0	0	0
Mobile Combustion - Scope 1	146.0779	145.6	0.0059	0.00118	0	0	0	0
Process - Scope 1	2.61	2.61	0	0	0	0	0	0
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	16,062.58519	12,717.07	23.10758	10.18303	0	0	0	0

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Fuel- and Energy-Related Activities - Scope 3 (Optional)	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | Big Falls

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Combustion - Scope 1	0.70056	0.7	0.00002	0	0	0	0	0
Total	0.70056	0.7	0.00002	0	0	0	0	0

Facility Emissions | Black Dog

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	1,041,541.17395	1,040,489.28	19.30015	1.93015	0	0	0	0
Mobile Combustion - Scope 1	25.08449	25	0.00103	0.00021	0	0	0	0
Process - Scope 1	0.73	0.73	0	0	0	0	0	0

Total	1,041,566.98844	1,040,515.01	19.30118	1.93036	0	0	0	0
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Facility Emissions | Blue Lake

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	218,922.94064	218,697.78	4.09598	0.41688	0	0	0	0
Mobile Combustion - Scope 1	5.21676	5.2	0.00022	0.00004	0	0	0	0
Process - Scope 1	0	0	0	0	0	0	0	0
Total	218,928.1574	218,702.98	4.0962	0.41692	0	0	0	0

Facility Emissions | Business Travel

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Business Travel - Scope 3 (Optional)	1,055.80494	1,047.24	0.01723	0.0305	0	0	0	0
Employee Commuting - Scope 3 (Optional)	3,433.24346	3,428.46	0.01922	0.01602	0	0	0	0
Total	4,489.0484	4,475.7	0.03645	0.04652	0	0	0	0

Facility Emissions | Chippewa Falls

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Mobile Combustion - Scope 1	0.20028	0.2	0.00001	0	0	0	0	0
Total	0.20028	0.2	0.00001	0	0	0	0	0

Facility Emissions | Cornell

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	0.20028	0.2	0.00001	0	0	0	0	0
Mobile Combustion - Scope 1	1.10377	1.1	0.00004	0.00001	0	0	0	0
Total	1.30405	1.3	0.00005	0.00001	0	0	0	0

Facility Emissions | Dells

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	7.62863	7.6	0.00036	0.00007	0	0	0	0
Mobile Combustion - Scope 1	0.20028	0.2	0.00001	0	0	0	0	0
Total	7.82891	7.8	0.00037	0.00007	0	0	0	0

Facility Emissions | Electrical Transmission and Distribution

Equity share - 100.00 | Entity controls the facility emissions - Yes

Indirect Emissions - Market Based - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Biomass	10,907.78	10,907.78	0	0	0	0	0	0
Total	10,907.78	10,907.78	0	0	0	0	0	0

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Fugitive - Scope 1	18,345.04	0	0	0	0	0	0	0.78064
Total	18,345.04	0	0	0	0	0	0	0.78064

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	295,919.1496	293,865.09	31.00735	4.47492	0	0	0	0

Total	295,919.1496	293,865.09	31.00735	4.47492	0	0	0	0
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Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	109,887.13	109,887.13	0	0	0	0	0	0
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	109,887.13	109,887.13	0	0	0	0	0	0

Facility Emissions | French Island

Equity share - 100.00 | Entity controls the facility emissions - Yes

Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Biomass Combustion - Biomass	98,008.89	98,008.89	0	0	0	0	0	0
Total	98,008.89	98,008.89	0	0	0	0	0	0

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	38,036.71105	35,783.51	28.1316	5.53025	0	0	0	0
Mobile Combustion - Scope 1	156.71435	156.2	0.00635	0.00127	0	0	0	0
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0

Total	38,193.4254	35,939.71	28.13795	5.53152	0	0	0	0
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Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Fuel- and Energy-Related Activities - Scope 3 (Optional)	385.16169	384.11	0.00453	0.00349	0	0	0	0
Total	385.16169	384.11	0.00453	0.00349	0	0	0	0

Facility Emissions | Ground Fleet Fuels

Equity share - 100.00 | Entity controls the facility emissions - Yes

Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Biomass Combustion - Biomass	215.75	215.75	0	0	0	0	0	0
Total	215.75	215.75	0	0	0	0	0	0

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Combustion - Scope 1	48,829.22276	47,918.12	3.35607	3.08352	0	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	48,829.22276	47,918.12	3.35607	3.08352	0	0	0	0

Facility Emissions | Hennepin Island

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	53.85478	53.8	0.00101	0.0001	0	0	0	0
Total	53.85478	53.8	0.00101	0.0001	0	0	0	0

Facility Emissions | High Bridge

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	1,190,619.31103	1,189,416.94	22.06181	2.20619	0	0	0	0
Mobile Combustion - Scope 1	5.61704	5.6	0.00023	0.00004	0	0	0	0
Total	1,190,624.92807	1,189,422.54	22.06204	2.20623	0	0	0	0

Facility Emissions | Holcombe

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Combustion - Scope 1	0.30028	0.3	0.00001	0	0	0	0	0

Total	0.30028	0.3	0.00001	0	0	0	0	0
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Facility Emissions | Inver Hills

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	60,319.74097	60,255.7	1.15629	0.11949	0	0	0	0
Mobile Combustion - Scope 1	2.00754	2	0.00008	0.00002	0	0	0	0
Process - Scope 1	0.63	0.63	0	0	0	0	0	0
Total	60,322.37851	60,258.33	1.15637	0.11951	0	0	0	0

Facility Emissions | Jim Falls

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	0.70349	0.7	0.00003	0.00001	0	0	0	0
Mobile Combustion - Scope 1	2.00754	2	0.00008	0.00002	0	0	0	0
Total	2.71103	2.7	0.00011	0.00003	0	0	0	0

Facility Emissions | Ladysmith

Equity share - 100.00 | Entity controls the facility emissions - Yes

Indirect Emissions - Market Based - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Biomass	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0

Total	0	0	0	0	0	0	0	0	0
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Facility Emissions | Maplewood Propane Plant

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	204.4085	204.2	0.00385	0.00038	0	0	0	0
Total	204.4085	204.2	0.00385	0.00038	0	0	0	0

Facility Emissions | Menomonie

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | MI Building Energy Consumption

Equity share - 100.00 | Entity controls the facility emissions - Yes

Indirect Emissions - Market Based - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Biomass	0.91	0.91	0	0	0	0	0	0
Total	0.91	0.91	0	0	0	0	0	0

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	36.34759	36.31	0.00068	0.00007	0	0	0	0
Total	36.34759	36.31	0.00068	0.00007	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	24.7316	24.55	0.0027	0.0004	0	0	0	0
Total	24.7316	24.55	0.0027	0.0004	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	9.11	9.11	0	0	0	0	0	0
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	9.11	9.11	0	0	0	0	0	0

Facility Emissions | MN Building Energy Consumption

Equity share - 100.00 | Entity controls the facility emissions - Yes

Indirect Emissions - Market Based - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Biomass	138.6	138.6	0	0	0	0	0	0
Total	138.6	138.6	0	0	0	0	0	0

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	51.97094	51.8	0.00213	0.00042	0	0	0	0
Total	51.97094	51.8	0.00213	0.00042	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	3,770.49396	3,742.89	0.41232	0.0606	0	0	0	0
Total	3,770.49396	3,742.89	0.41232	0.0606	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	1,388.94	1,388.94	0	0	0	0	0	0
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	1,388.94	1,388.94	0	0	0	0	0	0

Facility Emissions | Monticello

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	2,168.10021	2,161	0.08767	0.01753	0	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	2,168.10021	2,161	0.08767	0.01753	0	0	0	0

Facility Emissions | Natural Gas Transmission and Distribution

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	1,510.7492	1,509.2	0.02845	0.00284	0	0	0	0
Fugitive - Scope 1	101,317.40692	1,760.64	3,555.57194	0.00284	0	0	0	0
Total	102,828.15612	3,269.84	3,555.60039	0.00568	0	0	0	0

Facility Emissions | ND Building Energy Consumption

Equity share - 100.00 | Entity controls the facility emissions - Yes

Indirect Emissions - Market Based - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Biomass	4.03	4.03	0	0	0	0	0	0
Total	4.03	4.03	0	0	0	0	0	0

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	3.61187	3.6	0.00014	0.00003	0	0	0	0
Total	3.61187	3.6	0.00014	0.00003	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	109.57449	108.77	0.01198	0.00177	0	0	0	0
Total	109.57449	108.77	0.01198	0.00177	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	40.37	40.37	0	0	0	0	0	0
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	40.37	40.37	0	0	0	0	0	0

Facility Emissions | Prairie Island

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	1,364.96827	1,360.5	0.05519	0.01103	0	0	0	0
Mobile Combustion - Scope 1	148.18949	147.7	0.00603	0.00121	0	0	0	0
Total	1,513.15776	1,508.2	0.06122	0.01224	0	0	0	0

Facility Emissions | Purchased Power for Resale

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Fuel- and Energy-Related Activities - Scope 3 (Optional)	2,427,065.51	2,409,434.93	278.16	37.14	0	0	0	0
Biomass - Scope 3 (Optional)	0	0	0	0	0	0	0	0
Total	2,427,065.51	2,409,434.93	278.16	37.14	0	0	0	0

Upstream Indirect Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Biomass - Scope 3 (Optional)	239,221.26	239,221.26	0	0	0	0	0	0
Total	239,221.26	239,221.26	0	0	0	0	0	0

Facility Emissions | Red Wing

Equity share - 100.00 | Entity controls the facility emissions - Yes

Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Biomass Combustion - Biomass	113,636.47	113,636.47	0	0	0	0	0	0
Total	113,636.47	113,636.47	0	0	0	0	0	0

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	120,058.38224	115,082.93	78.40263	10.49124	0	0	0	0
Mobile Combustion - Scope 1	82.67135	82.4	0.00335	0.00067	0	0	0	0
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	120,141.05359	115,165.33	78.40598	10.49191	0	0	0	0

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Fuel- and Energy-Related Activities - Scope 3 (Optional)	2,979.61821	2,971.48	0.03502	0.02701	0	0	0	0
Total	2,979.61821	2,971.48	0.03502	0.02701	0	0	0	0

Facility Emissions | Riverdale

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | Riverside

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	1,042,515.98674	1,041,463.17	19.31768	1.93178	0	0	0	0
Process - Scope 1	5.42	5.42	0	0	0	0	0	0
Total	1,042,521.40674	1,041,468.59	19.31768	1.93178	0	0	0	0

Facility Emissions | SD Building Energy Consumption

Equity share - 100.00 | Entity controls the facility emissions - Yes

Indirect Emissions - Market Based - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Biomass	2.37	2.37	0	0	0	0	0	0

Total	2.37	2.37	0	0	0	0	0	0
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Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	218.87429	218.65	0.00413	0.00041	0	0	0	0
Total	218.87429	218.65	0.00413	0.00041	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	64.54328	64.07	0.00706	0.00104	0	0	0	0
Total	64.54328	64.07	0.00706	0.00104	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	23.78	23.78	0	0	0	0	0	0
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	23.78	23.78	0	0	0	0	0	0

Facility Emissions | Sherburne Co.

Equity share - 76.46 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
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Stationary Combustion - Scope 1	5,014,097.4543 67	4,990,475.46246	52.849412	83.555503	0	0	0	0
Mobile Combustion - Scope 1	8,726.508856	8,697.89845	0.35323	0.070641	0	0	0	0
Process - Scope 1	1.001626	1.001626	0	0	0	0	0	0
Fugitive - Scope 1	2,592.000667	0	92.571452	0	0	0	0	0
Total	5,025,416.9655 16	4,999,174.3625 36	145.774094	83.626144	0	0	0	0

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Fuel- and Energy-Related Activities - Scope 3 (Optional)	62,962.878238	62,451.625772	4.825811	1.419358	0	0	0	0
Total	62,962.878238	62,451.625772	4.825811	1.419358	0	0	0	0

Facility Emissions | Sibley Propane Plant

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	160.16406	160	0.00302	0.0003	0	0	0	0
Total	160.16406	160	0.00302	0.0003	0	0	0	0

Facility Emissions | St Croix Falls

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Mobile Combustion - Scope 1	0.90112	0.9	0.00004	0	0	0	0	0
Total	0.90112	0.9	0.00004	0	0	0	0	0

Facility Emissions | Superior Falls

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | Trego

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Combustion - Scope 1	0.70084	0.7	0.00003	0	0	0	0	0

Total	0.70084	0.7	0.00003	0	0	0	0	0
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Facility Emissions | Wescott LNG Plant

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	3,858.66047	3,854.7	0.07264	0.00727	0	0	0	0
Total	3,858.66047	3,854.7	0.07264	0.00727	0	0	0	0

Facility Emissions | Wheaton

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	16,853.24167	16,834.2	0.33414	0.03655	0	0	0	0
Mobile Combustion - Scope 1	5.81732	5.8	0.00024	0.00004	0	0	0	0
Process - Scope 1	0	0	0	0	0	0	0	0
Total	16,859.05899	16,840	0.33438	0.03659	0	0	0	0

Facility Emissions | White River

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Mobile Combustion - Scope 1	0.70084	0.7	0.00003	0	0	0	0	0
Total	0.70084	0.7	0.00003	0	0	0	0	0

Facility Emissions | WI Building Energy Consumption

Equity share - 100.00 | Entity controls the facility emissions - Yes

Indirect Emissions - Market Based - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Biomass	27.76	27.76	0	0	0	0	0	0
Total	27.76	27.76	0	0	0	0	0	0

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	14.14539	14.1	0.00058	0.00011	0	0	0	0
Total	14.14539	14.1	0.00058	0.00011	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	755.66604	750.13	0.08263	0.01216	0	0	0	0
Total	755.66604	750.13	0.08263	0.01216	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	278.35	278.35	0	0	0	0	0	0
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	278.35	278.35	0	0	0	0	0	0

Facility Emissions | Wilmarth

Equity share - 100.00 | Entity controls the facility emissions - Yes

Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Biomass Combustion - Biomass	92,814.31	92,814.31	0	0	0	0	0	0
Total	92,814.31	92,814.31	0	0	0	0	0	0

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	79,020.64069	75,340.49	58.44718	7.71181	0	0	0	0

Mobile Combustion - Scope 1	47.56926	47.4	0.00207	0.00042	0	0	0	0
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	79,068.20995	75,387.89	58.44925	7.71223	0	0	0	0

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Fuel- and Energy-Related Activities - Scope 3 (Optional)	3,343.70255	3,334.57	0.0393	0.03031	0	0	0	0
Total	3,343.70255	3,334.57	0.0393	0.03031	0	0	0	0

Facility Emissions | Wisconsin

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	0.1	0.1	0	0	0	0	0	0
Mobile Combustion - Scope 1	0.2	0.2	0	0	0	0	0	0
Total	0.3	0.3	0	0	0	0	0	0