

Description:

Industry: 22 - Utilities

Address: 414 Nicollet Mall,
Minneapolis, Minnesota,
US

Contact:
David Chapman

www.xcelenergy.com

Reporting Information

Inventory Type Complete

Reporting Protocol: GRP 3.0

GWP Standard: AR4

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	10,254,661.559146	10,200,651.566505	7,832.86769	46,177.124951	0	0	0	0
Mobile Combustion - Scope 1	49,965.646394	49,130.925278	79.372339	755.348777	0	0	0	0
Process - Scope 1	41.903937	41.903937	0	0	0	0	0	0
Fugitive - Scope 1	150,570.672555	1,438.79	84,476.326555	0	0	0	0	64,655.556
Total	10,455,239.782032	10,251,263.18572	92,388.566584	46,932.473728	0	0	0	64,655.556
Applied Offsets								
Net Total	10,455,239.782032							

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	96,251.17288	95,535.18	260.184	455.80888	0	0	0	0
Total	96,251.17288	95,535.18	260.184	455.80888	0	0	0	0
Applied Offsets								
Net Total	96,251.17288							

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	32,463.27599	32,190.04	105.79575	167.44024	0	0	0	0
Total	32,463.27599	32,190.04	105.79575	167.44024	0	0	0	0

Applied Offsets

Net Total 32,463.27599

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	576,381.04	576,381.04	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	20.92	20.92	0	0	0	0	0	0
Total	576,401.96	576,401.96	0	0	0	0	0	0
Applied Offsets								
Net Total	576,401.96							

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	3,587.98	3,587.98	0	0	0	0	0	0
Total	3,587.98	3,587.98	0	0	0	0	0	0
Applied Offsets								
Net Total	3,587.98							

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)	2,116.8977	2,102.29	1.9725	12.6352	0	0	0	0
Employee Commuting - Scope 3 (Optional)	3,290.5248	3,285.49	0.4605	4.5743	0	0	0	0
Fuel- and Energy-Related Activities - Scope 3 (Optional)	2,245,746.181794	2,226,864.244476	7,149.129331	11,732.807987	0	0	0	0
Biomass - Scope 3 (Optional)	236,737.82	236,737.82	0	0	0	0	0	0

Total	2,487,891.424294	2,468,989.844476	7,151.562331	11,750.017487	0	0	0	0
Applied Offsets								
Net Total	2,487,891.424294							

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	10,254,661.559146	10,200,651.566505	313.314708	154.956795	0	0	0	0
Mobile Combustion - Scope 1	49,965.646394	49,130.925278	3.174894	2.534727	0	0	0	0
Process - Scope 1	41.903937	41.903937	0	0	0	0	0	0
Fugitive - Scope 1	150,570.672555	1,438.79	3,379.053062	0	0	0	0	2.83577
Total	10,455,239.782032	10,251,263.18572	3,695.542664	157.491522	0	0	0	2.83577

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	96,251.17288	95,535.18	10.40736	1.52956	0	0	0	0
Total	96,251.17288	95,535.18	10.40736	1.52956	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	32,463.27599	32,190.04	4.23183	0.56188	0	0	0	0

Total	32,463.27599	32,190.04	4.23183	0.56188	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	576,381.04	576,381.04	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	20.92	20.92	0	0	0	0	0	0
Total	576,401.96	576,401.96	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	3,587.98	3,587.98	0	0	0	0	0	0
Total	3,587.98	3,587.98	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)	2,116.8977	2,102.29	0.0789	0.0424	0	0	0	0
Employee Commuting - Scope 3 (Optional)	3,290.5248	3,285.49	0.01842	0.01535	0	0	0	0
Fuel- and Energy-Related Activities - Scope 3 (Optional)	2,245,746.181794	2,226,864.244476	285.965173	39.371839	0	0	0	0
Biomass - Scope 3 (Optional)	236,737.82	236,737.82	0	0	0	0	0	0
Total	2,487,891.424294	2,468,989.844476	286.062493	39.429589	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	12,589,932	0.00%
Market-based	0	12,529,732	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	998,941.81594	993,787.19	10.50298	16.41628	0	0	0	0
Mobile Combustion - Scope 1	1,298.85344	1,294.4	0.05262	0.01053	0	0	0	0
Process - Scope 1	0	0	0	0	0	0	0	0
Fugitive - Scope 1	541.32575	0	21.65303	0	0	0	0	0
Total	1,000,781.99513	995,081.59	32.20863	16.42681	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)	13,698.35922	13,580.15	1.04938	0.30864	0	0	0	0

Total	13,698.35922	13,580.15	1.04938	0.30864	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	161,252.60042	161,088.57	2.9907	0.29954	0	0	0	0
Mobile Combustion - Scope 1	7.72563	7.7	0.00031	0.00006	0	0	0	0
Process - Scope 1	5.25	5.25	0	0	0	0	0	0
Total	161,265.57605	161,101.52	2.99101	0.2996	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	735.62414	728.94	0	0.02243	0	0	0	0
Total	735.62414	728.94	0	0.02243	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	255,117.01	255,117.01	0	0	0	0	0	0
Total	255,117.01	255,117.01	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	14,214.5842	10,635.34	22.47798	10.12515	0	0	0	0
Mobile Combustion - Scope 1	171.58772	171	0.00694	0.00139	0	0	0	0
Process - Scope 1	8.71	8.71	0	0	0	0	0	0
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0

Total	14,394.88192	10,815.05	22.48492	10.12654	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	0.7005	0.7	0.00002	0	0	0	0	0
Total	0.7005	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	824,787.1819	823,949.57	15.28416	1.52855	0	0	0	0
Mobile Combustion - Scope 1	0.10025	0.1	0.00001	0	0	0	0	0

Process - Scope 1	0	0	0	0	0	0	0	0
Total	824,787.28215	823,949.67	15.28417	1.52855	0	0	0	0

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	48,735.53296	48,684.13	0.9205	0.09527	0	0	0	0
Mobile Combustion - Scope 1	2.50871	2.5	0.00011	0.00002	0	0	0	0
Process - Scope 1	11.52	11.52	0	0	0	0	0	0
Total	48,749.56167	48,698.15	0.92061	0.09529	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)	2,116.8977	2,102.29	0.0789	0.0424	0	0	0	0
Employee Commuting - Scope 3 (Optional)	3,290.5248	3,285.49	0.01842	0.01535	0	0	0	0

Total	5,407.4225	5,387.78	0.09732	0.05775	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	0.1	0.1	0	0	0	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	0.1	0.1	0	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	0.20025	0.2	0.00001	0	0	0	0	0
Mobile Combustion - Scope 1	1.10423	1.1	0.00005	0.00001	0	0	0	0
Total	1.30448	1.3	0.00006	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	5.02065	5	0.00023	0.00005	0	0	0	0
Mobile Combustion - Scope 1	0.20025	0.2	0.00001	0	0	0	0	0
Total	5.2209	5.2	0.00024	0.00005	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	3,400.2	3,400.2	0	0	0	0	0	0
Total	3,400.2	3,400.2	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)
Fugitive - Scope 1	64,655.556	0	0	0	0	0	0	2.83577
Total	64,655.556	0	0	0	0	0	0	2.83577

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	91,247.08855	90,568.75	9.86027	1.4491	0	0	0	0
Total	91,247.08855	90,568.75	9.86027	1.4491	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	30,758.95405	30,500.08	4.00935	0.53235	0	0	0	0
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	30,758.95405	30,500.08	4.00935	0.53235	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	99,613	99,613	0	0	0	0	0	0
Total	99,613	99,613	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	36,165.81711	33,856.2	26.09971	5.56082	0	0	0	0

Mobile Combustion - Scope 1	164.36284	163.8	0.00666	0.00133	0	0	0	0
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	36,330.17995	34,020	26.10637	5.56215	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)	3,321.66853	3,311.72	0.03903	0.03011	0	0	0	0
Total	3,321.66853	3,311.72	0.03903	0.03011	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	20.92	20.92	0	0	0	0	0	0
Total	20.92	20.92	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	36,463.72202	35,679.39	2.65812	2.40899	0	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0

Total	36,463.72202	35,679.39	2.65812	2.40899	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	0.8005	0.8	0.00002	0	0	0	0	0
Total	0.8005	0.8	0.00002	0	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	990,255.32122	989,249.8	18.34896	1.83489	0	0	0	0
Mobile Combustion - Scope 1	10.13409	10.1	0.00041	0.00008	0	0	0	0
Total	990,265.45531	989,259.9	18.34937	1.83497	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	0.1	0.1	0	0	0	0	0	0
Total	0.1	0.1	0	0	0	0	0	0

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	64,764.5803	64,695	1.24434	0.1291	0	0	0	0
Mobile Combustion - Scope 1	2.00796	2	0.00008	0.00002	0	0	0	0
Process - Scope 1	2.72	2.72	0	0	0	0	0	0
Total	64,769.30826	64,699.72	1.24442	0.12912	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	0.1	0.1	0	0	0	0	0	0

Mobile Combustion - Scope 1	0.6005	0.6	0.00002	0	0	0	0	0
Total	0.7005	0.7	0.00002	0	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	0.27	0.27	0	0	0	0	0	0
Total	0.27	0.27	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	7.10228	7.05	0.00078	0.00011	0	0	0	0
Total	7.10228	7.05	0.00078	0.00011	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	2.41992	2.4	0.00032	0.00004	0	0	0	0
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	2.41992	2.4	0.00032	0.00004	0	0	0	0

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	568.58636	568	0.0107	0.00107	0	0	0	0
Total	568.58636	568	0.0107	0.00107	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	0.93	0.93	0	0	0	0	0	0
Total	0.93	0.93	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	4.39498	4.39	0.00008	0.00001	0	0	0	0
Total	4.39498	4.39	0.00008	0.00001	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	24.75695	24.57	0.00271	0.0004	0	0	0	0
Total	24.75695	24.57	0.00271	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	8.4322	8.36	0.0011	0.00015	0	0	0	0
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	8.4322	8.36	0.0011	0.00015	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	150.21	150.21	0	0	0	0	0	0
Total	150.21	150.21	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	56.79533	56.6	0.00233	0.00046	0	0	0	0
Total	56.79533	56.6	0.00233	0.00046	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	4,002.91978	3,972.8	0.43762	0.06436	0	0	0	0
Total	4,002.91978	3,972.8	0.43762	0.06436	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	1,363.31528	1,351.83	0.17798	0.02361	0	0	0	0
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0

Total	1,363.31528	1,351.83	0.17798	0.02361	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	2,299.06332	2,291.2	0.09294	0.01859	0	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	2,299.06332	2,291.2	0.09294	0.01859	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	1,228.76663	1,227.5	0.02313	0.00231	0	0	0	0
Fugitive - Scope 1	81,709.1175	1,438.79	3,210.8131	0	0	0	0	0
Total	82,937.88413	2,666.29	3,210.83623	0.00231	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	4.18	4.18	0	0	0	0	0	0
Total	4.18	4.18	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	5.21717	5.2	0.00021	0.00004	0	0	0	0
Total	5.21717	5.2	0.00021	0.00004	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	111.45817	110.62	0.01219	0.00179	0	0	0	0
Total	111.45817	110.62	0.01219	0.00179	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	37.96043	37.64	0.00495	0.00066	0	0	0	0
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	37.96043	37.64	0.00495	0.00066	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	804.25323	801.5	0.03253	0.00651	0	0	0	0
Mobile Combustion - Scope 1	493.3925	491.7	0.02002	0.004	0	0	0	0
Total	1,297.64573	1,293.2	0.05255	0.01051	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)	2,128,463.03	2,110,538.5	277.61	36.86	0	0	0	0
Biomass - Scope 3 (Optional)	0	0	0	0	0	0	0	0
Total	2,128,463.03	2,110,538.5	277.61	36.86	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)	236,737.82	236,737.82	0	0	0	0	0	0

Total	236,737.82	236,737.82	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	127,840.68	127,840.68	0	0	0	0	0	0
Total	127,840.68	127,840.68	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	102,824.29287	97,768.32	78.54579	10.37694	0	0	0	0
Mobile Combustion - Scope 1	57.69881	57.5	0.00235	0.00047	0	0	0	0
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	102,881.99168	97,825.82	78.54814	10.37741	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)	3,055.9021	3,046.75	0.0359	0.0277	0	0	0	0
Total	3,055.9021	3,046.75	0.0359	0.0277	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	950,782.48903	949,817	17.61819	1.76186	0	0	0	0
Process - Scope 1	12.7	12.7	0	0	0	0	0	0
Total	950,795.18903	949,829.7	17.61819	1.76186	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	2.71	2.71	0	0	0	0	0	0
Total	2.71	2.71	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	225.70439	225.47	0.00425	0.00043	0	0	0	0
Total	225.70439	225.47	0.00425	0.00043	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	72.24616	71.7	0.0079	0.00117	0	0	0	0
Total	72.24616	71.7	0.0079	0.00117	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	24.60541	24.4	0.00321	0.00042	0	0	0	0
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	24.60541	24.4	0.00321	0.00042	0	0	0	0

Facility Emissions | Sherburne Co.

Equity share - 82.97 | 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	5,955,474.866176	5,924,287.536505	62.768498	99.389655	0	0	0	0
Mobile Combustion - Scope 1	10,514.884694	10,478.895278	0.425454	0.085077	0	0	0	0
Process - Scope 1	1.003937	1.003937	0	0	0	0	0	0
Fugitive - Scope 1	3,664.673305	0	146.586932	0	0	0	0	0
Total	5,969,655.428112	5,934,767.43572	209.780884	99.474732	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)	93,880.137014	93,070.004476	7.191773	2.115229	0	0	0	0
Total	93,880.137014	93,070.004476	7.191773	2.115229	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	67.27049	67.2	0.00127	0.00013	0	0	0	0
Total	67.27049	67.2	0.00127	0.00013	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	0.70075	0.7	0.00003	0	0	0	0	0
Total	0.70075	0.7	0.00003	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	6.2214	6.2	0.00026	0.00005	0	0	0	0
Total	6.2214	6.2	0.00026	0.00005	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	0.30025	0.3	0.00001	0	0	0	0	0
Total	0.30025	0.3	0.00001	0	0	0	0	0

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	3,500.00834	3,496.4	0.0659	0.00658	0	0	0	0
Total	3,500.00834	3,496.4	0.0659	0.00658	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	27,472.07066	27,439.8	0.55274	0.06192	0	0	0	0
Mobile Combustion - Scope 1	3.91294	3.9	0.00016	0.00003	0	0	0	0
Process - Scope 1	0	0	0	0	0	0	0	0
Total	27,475.9836	27,443.7	0.5529	0.06195	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	0.70075	0.7	0.00003	0	0	0	0	0
Total	0.70075	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	29.48	29.48	0	0	0	0	0	0
Total	29.48	29.48	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	12.95026	12.9	0.00058	0.00012	0	0	0	0
Total	12.95026	12.9	0.00058	0.00012	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	785.60099	779.69	0.08589	0.01263	0	0	0	0
Total	785.60099	779.69	0.08589	0.01263	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	267.5887	265.33	0.03492	0.00465	0	0	0	0
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	267.5887	265.33	0.03492	0.00465	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	93,810.35	93,810.35	0	0	0	0	0	0
Total	93,810.35	93,810.35	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	70,211.07446	66,630.45	55.72598	7.34052	0	0	0	0

Mobile Combustion - Scope 1	28.00152	27.9	0.0012	0.00024	0	0	0	0
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	70,239.07598	66,658.35	55.72718	7.34076	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)	3,327.08493	3,317.12	0.03909	0.03016	0	0	0	0
Total	3,327.08493	3,317.12	0.03909	0.03016	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	0.5005	0.5	0.00002	0	0	0	0	0
Total	0.6005	0.6	0.00002	0	0	0	0	0