

FY 2019

Building Energy from Central Plant Service

Building Energy from Distributed Service

Transportation Energy

Scope 1 Emissions

Direct Emissions

			MMBTU		GHG MtCO2
Power Plant Fuels					
Natural Gas					
Boiler 1	1000 cubic feet		1,597,272.29	1,664,596.74	87370.79
Boiler 2	1000 cubic feet		1,393,178.34	1,453,780.17	76206.86
Boiler 3	1000 cubic feet		1,831,799.34	1,908,814.31	100199.42
Boiler 4	1000 cubic feet		1,049,133.99	1,093,843.18	57387.63
CTG 6	1000 cubic feet		458,173.14		25062.07
Duct Burner 6	1000 cubic feet		82,501.40	563,118.51	4512.83
Misc	1000 cubic feet				0.00
CE Meter			6,306,685.60	6,574,308.53	344975.70
			6412058.50	6684152.91	350739.60
Building Fuels					
Natural Gas	1000 cubic feet		472,607.70	492457.22	25851.64
Kerosene	Gallons		1170.0	156.78	11.43
Propane	Gallons		15080.1	1381.34	86.71
					25949.78
Transportation Fuels					
Propane	Gallons				
Gasoline	Gallons				
B-5	Gallons				
Diesel	Gallons				
Solar Adj			(91.48)	-95.34	-101.7

Scope 2 Emissions

Indirect Emissions

			MMBTU		GHG MtCO2
Purchased Electricity					
Tie Line	Consumers Energy	MWH	36982.2	126183.27	27736.65
Buildings	Consumers Energy	MWH			
Buildings	Lansing BWL	MWH			
	Solar	MWH	13181.4	44974.94	0.00
					372610.66
Plant - Scope 1					
					344874.01
Buildings - Scope 1					
					25949.78
TX - Scope 1					
					4200.69
					46686.25
					7,443,548
					88.9%
					11.1%

Scope 3 Emissions*

Other Indirect Emissions

Solid Waste	to Landfill				19,562.0
Paper					714.0
Utility Transmission and Distribution Losses					1,967.0
Business Travel					27,965.0
Commuting					38,632.0

* values as calculated by Sightlines for the Sustainability Report

Scope 1 Stationary
376689.38

Scope 1 Total
380,890.07

Scope 2 Total
48473.11

Total Building GHG
419296.91

Scope 3 Total
88,840.0

Transition Plan
Scope 1 + Scope 2
Total GHG
429,363.18 MtCO2

Scope 1, 2, and 3
Total GHG
512,337.60