

The University of Michigan
2024 GHG

Reporting Group	Facility	Unit ID	Natural Gas Usage (ft ³)	Distillate Oil Usage (gal)	GHG Natural Gas Calculation Methodology	GHG Fuel Oil Calculation Methodology	Annual Average HHV for Natural Gas (mmBtu/scf)	Annual Average HHV for Fuel Oil (mmBtu/gal)			
									CO ₂ e Emissions (metric tons)	CH ₄ e Emissions (metric tons)	N ₂ Oe Emissions (metric tons)
GP-CPP	CPP	Boiler 2	272,859,000	0	Tier 2	Tier 2	0.001090	0.141000	15,797.1	8.33	7.9
GP-CPP	CPP	Boiler 7	73,922,000	Does Not Fire Fuel Oil	Tier 2	N/A	0.001090	N/A	4,279.7	2.26	2.1
GP-CPP	CPP	Boiler 8	64,571,000	Does Not Fire Fuel Oil	Tier 2	N/A	0.001090	N/A	3,738.3	1.97	1.9
GP-CPP	CPP	Gas Turbine 9	362,258,000	0	Tier 2	Tier 2	0.001090	0.141000	20,972.9	11.06	10.5
GP-CPP	CPP	Gas Turbine 10	380,390,000	0	Tier 2	Tier 2	0.001090	0.141000	22,022.6	11.61	11.0
Single Unit	CPP	Gas Turbine CHP(HRSG)	1,270,811,000	0	Tier 2	Tier 2	0.001090	0.141000	73,573.4	38.79	36.7
Single Unit	CPP	Boiler 3	340,372,000	15,861	Tier 2	Tier 2	0.001090	0.141000	19,871.7	10.58	10.2
Single Unit	CPP	Boiler 4	315,247,000	0	Tier 2	Tier 2	0.001090	0.141000	18,251.2	9.62	9.1
Single Unit	CPP	Boiler 6	267,796,000	0	Tier 2	Tier 2	0.001090	0.141000	15,504.0	8.17	7.7
GP-HOOVER	Hoover	Boiler 2	22,814,800	169	Tier 1	Tier 2	N/A	0.138000	1,245.0	0.66	0.6
GP-HOOVER	Hoover	Boiler 3	13,199,200	387	Tier 1	Tier 2	N/A	0.138000	723.3	0.38	0.4
GP-OTHER	Kellogg Eye	Boiler 1	9,389,840	0	Tier 1	Tier 1	N/A	N/A	511.7	0.27	0.3
GP-OTHER	Kellogg Eye	Boiler 2	4,932,180	0	Tier 1	Tier 1	N/A	N/A	268.8	0.14	0.1
GP-OTHER	Kellogg Eye	Boiler 3	11,759,116	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	640.8	0.34	0.3
GP-OTHER	Kellogg Eye	Boiler 4	14,088,414	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	767.8	0.40	0.4
GP-OTHER	Miscellaneous	Miscellaneous Units	459,651,751	6	Tier 1	Tier 2	N/A	0.138000	25,049.0	13.20	12.5
GP-OTHER	Miscellaneous	Outlying Boilers	403,409,450	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	21,984.0	11.59	11.0
GP-OTHER	NCRC	Boiler 1A	44,480	0	Tier 1	Tier 1	N/A	N/A	2.4	0.00	0.0
GP-OTHER	NCRC	Boiler 1B	47,792	0	Tier 1	Tier 1	N/A	N/A	2.6	0.00	0.0
GP-OTHER	NCRC	Boiler 2	2,229,796	0	Tier 1	Tier 1	N/A	N/A	121.5	0.06	0.1
GP-OTHER	NCRC	Boiler 3	15,533	0	Tier 1	Tier 1	N/A	N/A	0.8	0.00	0.0
GP-OTHER	NCRC	Boiler 4 (duct burner)	85,031,100	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	4,633.8	2.44	2.3
GP-OTHER	NCRC	Boiler 5	45,083,504	0	Tier 1	Tier 1	N/A	N/A	2,456.8	1.30	1.2
GP-OTHER	NCRC	Boiler 6	136,393,608	0	Tier 1	Tier 1	N/A	N/A	7,432.8	3.92	3.7
GP-OTHER	NCRC	Turbine	309,976,100	0	Tier 1	Tier 1	N/A	0.138000	16,892.3	8.90	8.4
GP-OTHER	NCRC	EXEMPTHEATERS	22,521,000	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	1,227.3	0.65	0.6
TOTAL REPORTABLE			4,888,813,664	16,423	TOTAL REPORTABLE				277,971.7	146.64	139.0