

The University of Michigan
2023 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	290,792,000	3,117	Tier 2	Tier 2	0.001090	0.141000	16,868.1	7.96	9.5
GP-CPP	CPP	Boiler 7	124,175,000	Does Not Fire Fuel Oil	Tier 2	N/A	0.001090	N/A	7,189.1	3.38	4.0
GP-CPP	CPP	Boiler 8	88,867,000	Does Not Fire Fuel Oil	Tier 2	N/A	0.001090	N/A	5,145.0	2.42	2.9
GP-CPP	CPP	Gas Turbine 9	371,071,000	0	Tier 2	Tier 2	0.001090	0.141000	21,483.2	10.11	12.1
GP-CPP	CPP	Gas Turbine 10	399,359,000	0	Tier 2	Tier 2	0.001090	0.141000	23,120.9	10.88	13.0
Single Unit	CPP	Gas Turbine CHP(HRSG)	1,312,517,000	0	Tier 2	Tier 2	0.001090	0.141000	75,988.3	35.77	42.6
Single Unit	CPP	Boiler 3	202,335,000	0	Tier 2	Tier 2	0.001090	0.141000	11,714.2	5.51	6.6
Single Unit	CPP	Boiler 4	69,977,000	7,031	Tier 2	Tier 2	0.001090	0.141000	4,124.9	1.98	2.5
Single Unit	CPP	Boiler 6	410,124,000	0	Tier 2	Tier 2	0.001090	0.141000	23,744.2	11.18	13.3
GP-HOOVER	Hoover	Boiler 2	35,086,700	0	Tier 1	Tier 2	N/A	0.138000	1,912.1	0.90	1.1
GP-HOOVER	Hoover	Boiler 3	17,625,700	0	Tier 1	Tier 2	N/A	0.138000	960.5	0.45	0.5
GP-OTHER	Kellogg Eye	Boiler 1	4,892,920	0	Tier 1	Tier 1	N/A	N/A	266.6	0.13	0.1
GP-OTHER	Kellogg Eye	Boiler 2	6,724,450	0	Tier 1	Tier 1	N/A	N/A	366.5	0.17	0.2
GP-OTHER	Kellogg Eye	Boiler 3	10,806,190	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	588.9	0.28	0.3
GP-OTHER	Kellogg Eye	Boiler 4	14,437,490	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	786.8	0.37	0.4
GP-OTHER	Miscellaneous	Miscellaneous Units	479,194,000	0	Tier 1	Tier 2	N/A	0.138000	26,114.1	12.29	14.7
GP-OTHER	Miscellaneous	Outlying Boilers	390,752,250	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	21,294.4	10.02	11.9
GP-OTHER	NCRC	Boiler 1A	129,700	0	Tier 1	Tier 1	N/A	N/A	7.1	0.00	0.0
GP-OTHER	NCRC	Boiler 1B	187,900	0	Tier 1	Tier 1	N/A	N/A	10.2	0.00	0.0
GP-OTHER	NCRC	Boiler 2	1,773,400	0	Tier 1	Tier 1	N/A	N/A	96.6	0.05	0.1
GP-OTHER	NCRC	Boiler 3	2,576,700	5,886	Tier 1	Tier 1	N/A	N/A	200.7	0.13	0.2
GP-OTHER	NCRC	Boiler 4 (duct burner)	77,885,000	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	4,244.4	2.00	2.4
GP-OTHER	NCRC	Boiler 5	81,062,000	0	Tier 1	Tier 1	N/A	N/A	4,417.5	2.08	2.5
GP-OTHER	NCRC	Boiler 6	129,045,800	604	Tier 1	Tier 1	N/A	N/A	7,038.6	3.32	4.0
GP-OTHER	NCRC	Turbine	267,502,700	195	Tier 1	Tier 1	N/A	0.138000	14,579.8	6.86	8.2
GP-OTHER	NCRC	EXEMPTHEATERS	8,786,000	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	478.8	0.23	0.3
TOTAL REPORTABLE			4,797,685,900	16,833	TOTAL REPORTABLE				272,741.5	128.47	153.3