

The University of Michigan
2018 Emissions Sprdsht.xls
GHG

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 Emissions (metric tons)	CH ₄ Emissions (metric tons)	N ₂ O Emissions (metric tons)	CO ₂ e Emissions (metric tons)
CPP	Boiler 1	0	0	Tier 2	Tier 2	0.001	0.14	0	0.0	0.00	0
CPP	Boiler 2	207,470,000	4,305	Tier 2	Tier 2	0.001	0.14	11,243	0.2	0.02	11,254
CPP	Boiler 3	508,536,000	12,045	Tier 2	Tier 2	0.001	0.14	27,574	0.5	0.05	27,601
CPP	Boiler 4	470,282,000	5,425	Tier 2	Tier 2	0.001	0.14	25,440	0.5	0.05	25,465
CPP	Boiler 6	757,835,000	32,640	Tier 2	Tier 2	0.001	0.14	41,244	0.8	0.08	41,285
CPP	Boiler 7	311,701,000	Does Not Fire Fuel Oil	Tier 2	N/A	0.001	N/A	16,824	0.3	0.03	16,840
CPP	Boiler 8	284,125,000	Does Not Fire Fuel Oil	Tier 2	N/A	0.001	N/A	15,335	0.3	0.03	15,351
CPP	Gas Turbine 9	344,304,000	2,976	Tier 2	Tier 2	0.001	0.14	18,615	0.4	0.04	18,633
CPP	Gas Turbine 10	340,837,000	3,631	Tier 2	Tier 2	0.001	0.14	18,434	0.3	0.04	18,452
Hoover	Boiler 2	38,250,100	0	Tier 1	Tier 2	N/A	0.14	2,085	0.0	0.00	2,087
Hoover	Boiler 3	37,171,000	0	Tier 1	Tier 2	N/A	0.14	2,026	0.0	0.00	2,028
Kellogg Eye	Boiler 1	12,447,910	0	Tier 1	Tier 1	N/A	N/A	678	0.0	0.00	679
Kellogg Eye	Boiler 2	11,990,320	0	Tier 1	Tier 1	N/A	N/A	654	0.0	0.00	654
Kellogg Eye	Boiler 3	1,495,618	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	82	0.0	0.00	82
Kellogg Eye	Boiler 4	15,230,472	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	830	0.0	0.00	831
Miscellaneous	Outlying Boilers	494,799,400	0	Tier 1	Tier 2	N/A	0.14	26,969	0.5	0.05	26,995
Miscellaneous	Miscellaneous Units	450,831,200	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	24,572	0.5	0.05	24,596
NCRC	Boiler 1A	95,100	0	Tier 1	Tier 1	N/A	N/A	5	0.0	0.00	5
NCRC	Boiler 1B	182,700	0	Tier 1	Tier 1	N/A	N/A	10	0.0	0.00	10
NCRC	Boiler 2	17,616,200	0	Tier 1	Tier 1	N/A	N/A	960	0.0	0.00	961
NCRC	Boiler 3	13,809,500	0	Tier 1	Tier 1	N/A	N/A	753	0.0	0.00	753
NCRC	Boiler 4 (duct burner)	111,442,000	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	6,074	0.1	0.01	6,080
NCRC	Boiler 5	93,997,100	0	Tier 1	Tier 1	N/A	N/A	5,123	0.1	0.01	5,128
NCRC	Boiler 6	72,915,000	0	Tier 1	Tier 1	N/A	N/A	3,974	0.1	0.01	3,978
NCRC	Turbine	332,972,800	0	Tier 1	Tier 1	N/A	N/A	18,149	0.3	0.03	18,166
NCRC	EXEMPTHEATERS	26,718,300	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	1,456	0.0	0.00	1,458
Total:											269,374