

The University of Michigan  
2017 Emissions Sprdsht.xls  
GHG

Facility	Unit ID	Natural Gas Usage (ft <sup>3</sup> )	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 <sub>2</sub> Emissions (metric tons)	CH <sub>4</sub> Emissions (metric tons)	N <sub>2</sub> O Emissions (metric tons)	CO <sub>2</sub> 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	57,642,000	0	Tier 2	Tier 2	0.001	0.14	3,111	0.1	0.01	3,114
CPP	Boiler 3	382,769,000	2,983	Tier 2	Tier 2	0.001	0.14	20,691	0.4	0.04	20,711
CPP	Boiler 4	308,405,000	3,289	Tier 2	Tier 2	0.001	0.14	16,680	0.3	0.03	16,697
CPP	Boiler 6	884,246,000	0	Tier 2	Tier 2	0.001	0.14	47,727	0.9	0.09	47,773
CPP	Boiler 7	356,045,000	Does Not Fire Fuel Oil	Tier 2	N/A	0.001	N/A	19,217	0.4	0.04	19,236
CPP	Boiler 8	328,080,000	Does Not Fire Fuel Oil	Tier 2	N/A	0.001	N/A	17,708	0.3	0.03	17,725
CPP	Gas Turbine 9	411,715,000	0	Tier 2	Tier 2	0.001	0.14	22,222	0.4	0.04	22,244
CPP	Gas Turbine 10	401,761,000	0	Tier 2	Tier 2	0.001	0.14	21,685	0.4	0.04	21,706
Hoover	Boiler 2	29,985,200	0	Tier 1	Tier 2	N/A	0.14	1,634	0.0	0.00	1,636
Hoover	Boiler 3	35,931,100	500	Tier 1	Tier 2	N/A	0.14	1,964	0.0	0.00	1,965
Kellogg Eye	Boiler 1	6,403,730	0	Tier 1	Tier 1	N/A	N/A	349	0.0	0.00	349
Kellogg Eye	Boiler 2	6,126,050	0	Tier 1	Tier 1	N/A	N/A	334	0.0	0.00	334
Kellogg Eye	Boiler 3	8,961,352	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	488	0.0	0.00	489
Kellogg Eye	Boiler 4	15,918,808	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	868	0.0	0.00	868
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	299,100	0	Tier 1	Tier 1	N/A	N/A	16	0.0	0.00	16
NCRC	Boiler 1B	566,700	0	Tier 1	Tier 1	N/A	N/A	31	0.0	0.00	31
NCRC	Boiler 2	15,702,200	0	Tier 1	Tier 1	N/A	N/A	856	0.0	0.00	857
NCRC	Boiler 3	8,537,000	21	Tier 1	Tier 1	N/A	N/A	466	0.0	0.00	466
NCRC	Boiler 4 (duct burner)	101,798,200	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	5,548	0.1	0.01	5,554
NCRC	Boiler 5	50,778,700	0	Tier 1	Tier 1	N/A	N/A	2,768	0.1	0.01	2,770
NCRC	Boiler 6	121,774,600	0	Tier 1	Tier 1	N/A	N/A	6,637	0.1	0.01	6,644
NCRC	Turbine	334,326,000	0	Tier 1	Tier 1	N/A	N/A	18,222	0.3	0.03	18,240
NCRC	EXEMPTHEATERS	25,891,300	Does Not Fire Fuel Oil	Tier 1	N/A	N/A	N/A	1,411	0.0	0.00	1,413
Total:											262,432