

REPORT- PS-C Equipment Loads and Energy Use

WEATHER FILE- Detroit MI TMT2

	COOL LOAD (MBTU)	HEAT LOAD (MBTU)	ELEC USE (KWH)	FUEL USE (MBTU)	Number of hours within each PART LOAD range												TOTAL HOURS
					00	10	20	30	40	50	60	70	80	90	100	+	
Boiler 3 (StmNatrDrf)	SUM	-216189.7	0.0	356224.4	LOAD	112	124	94	36	35	50	43	41	36	55	1244	1870
	PEAK	-150000.0	0.0	242734.6	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY	1/ 3	0/ 0	1/ 3	FUEL	80	112	113	47	33	43	49	49	44	56	1244	1870
Boiler 4 (StmNatrDrf)	SUM	-101985.0	0.0	167310.3	LOAD	30	29	20	26	24	32	27	44	30	34	875	1171
	PEAK	-102000.0	0.0	165059.5	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY	1/ 3	0/ 0	1/ 3	FUEL	20	35	14	22	22	31	36	40	37	39	875	1171
Boiler 5 (StmNatrDrf)	SUM	-74048.5	0.0	125229.1	LOAD	55	47	71	56	52	55	52	35	42	29	311	805
	PEAK	-150000.0	0.0	242734.6	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY	1/ 5	0/ 0	1/ 5	FUEL	39	41	65	66	45	49	64	41	46	38	311	805
Boiler 6 (StmNatrDrf)	SUM	-26117.4	20444.7	43861.1	LOAD	22	28	24	19	24	15	15	13	12	13	80	265
	PEAK	-180000.0	152.7	302145.9	ELEC	265	0	0	0	0	0	0	0	0	0	0	265
	MON/DAY	1/ 7	1/ 7	1/ 7	FUEL	17	31	26	19	25	14	15	14	11	13	80	265
Boiler 7 (StmNatrDrf)	SUM	-2552.0	2136.4	4283.3	LOAD	1	1	1	1	0	1	1	1	1	1	57	66
	PEAK	-42000.0	35.6	70500.7	ELEC	66	0	0	0	0	0	0	0	0	0	0	66
	MON/DAY	1/ 7	1/ 7	1/ 7	FUEL	1	1	1	1	0	1	1	1	1	1	57	66
DHW Plant 1 Wtr Htr (1)	SUM	-77608.7	0.0	106915.5	LOAD	190	459	1067	2226	812	649	795	394	168	0	0	8760
	PEAK	-22007.7	0.0	30222.7	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY	3/ 1	0/ 0	3/ 7	FUEL	2190	459	1044	2228	833	649	795	373	189	0	0	8760
HW Loop Pump	SUM		5841765.5		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
	PEAK		666.9		RPM	0	0	0	0	0	0	0	0	0	0	8760	8760
	MON/DAY		1/ 1		ELEC	0	0	0	0	0	0	0	0	0	0	8760	8760