

Table 1
Queens Fresh Meadows Facility
67-10 192nd St., Flushing, NY 11365

COMBUSTION EQUIPMENT RATINGS
Annual Fuel Consumption Rates

Fuel Oil and Gas Parameters (AP-42, Appendix A)

Natural Gas:	1,020	Btu/scf
Residual Oil:	150,000	Btu/gal
Distillate Oil:	140,000	Btu/gal
Diesel Oil:	138,500	Btu/gal
hp:	2,542.5	Btu/hr
kW:	1.341	hp

EQUIPMENT SOURCES

BOILERS		MBH (gas)	GPH (#2-oil)	Heat Input X 10⁶ Btu/hr	Natural Gas SCFH
1	Cleaver Brooks MD7197.	16,700	119.3	16.7	16,373
2	Cleaver Brooks MD7197.	16,700	119.3	16.7	16,373
3	Cleaver Brooks MD7197.	16,700	119.3	16.7	16,373
4	Cleaver Brooks MD7197.	16,700	119.3	16.7	16,373
5	Cleaver Brooks MD3531	23,400	167.1	23.40	22,941
6	Cleaver Brooks MD3531	23,400	167.1	23.40	22,941
7	Cleaver Brooks MD3531	23,400	167.1	23.40	22,941
8	Cleaver Brooks MD3531	23,400	167.1	23.40	22,941
Total		160,400	1,146	160	157,255

X 10⁶ Btu/yr **X 10⁶ SCF/yr** **Oil- X10³ gal/yr**
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Annual Fuel Consumption Rates		
Year	#2-Oil gallons	Nat'l Gas X 10 ⁶ SCF

Capacity Factor	
Nat'l Gas	#2 oil

2011	48916	264.3
2012	11685	243.0
2013	45636	231.4
2014	290763	255.4
2015	228088	268.8
2016	63616	273.2
2017	61145	250.4
2018	78361	281.9
2019	71460	286.8
2020	13898	198.9
2021	14308	285.5
Average	84352	258
Maximum	290763	287

19%	0.5%
18%	0.1%
17%	0.5%
19%	2.9%
20%	2.3%
20%	0.6%
18%	0.6%
20%	0.8%
21%	0.7%
14%	0.1%
21%	0.1%
19%	1%
21%	3%