

**Freeport Electric Department
Monthly FCA Worksheet**

Month of: October-17

Line
Ref.

1 NO. 2 Fuel Oil Consumed Power Plant 1 & 2

<u>No. 2 Fuel Oil Consumed:</u>	Power Plant 1	Power Plant 2	Total Cost
	#8305	#8307	#6102
Gallons Consumed		1,415	0
Avg. Stock Cost		1.6071	3.8937
Cost of No. 2 Fuel Consumed	0.00	2,274.05	0.00
			2,274.05

Net Energy Generation - kWh

Gross Generation kWh	17,385
Less: Station Service kWh	(127,577)
Net Energy Generated kWh's	(110,192)

2 Natural Gas Consumed:

Meter 1	Therms	4,888	4,597
Meter 2	Therms	5	3
Meter 1	Cost	2,441.91	2,340.75
Meter 2	Cost	46.20	42.83
		2,488.11	2,383.58
			4,871.69

Grand Total Cost of No. 2 Fuel Oil & Natural Gas Consumed **7,145.74**

3 New York Independent System Operator Billing

Oct-17	Monthly Settlement	83,950.72
Oct-17	Monthly ICAP Adjustment	60,812.28
	ICAP Adjustment Mar 17 to Sept 17	67,054.44

Energy Purchased kWh's	469,568
Less: Energy For CT-2 Station Service	(362,180)

Net kWh's Available for Sale 107,388

4 CT-5 Station Service (19,052.81)

5 New York Power Authority (NYPA) Billing 351,974.35

NYPA Purchased Power kWh's 19,565,171

New York State Clean Energy Standard **69,697.19**

6 LM6000 - Charges/Credits for CT-5 Operations 11,363.37

7 Adjustment for Prior Months Actual vs. Estimated Charges 42,795.50

Total Monthly Fuel & Purchase Power Costs	675,740.78	(A)	Total Net Generation and Purchase Power	19,562,367	(B)
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Total Net Generation & Purchase Power - kWh's 19,562,367

3.4543 Cents/kWh