

**Freeport Electric Department  
Monthly FCA Worksheet**

Month of: April-18

Line

Ref.

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

<u>No. 2 Fuel Oil Consumed:</u>	<u>Power Plant 1</u>	<u>Power Plant 2</u>	<u>Total Cost</u>
	#8305	#8307	#6100
Gallons Consumed		337	1,440
Avg. Stock Cost		1.6071	2.5916
Cost of No. 2 Fuel Consumed	0.00	541.59	3,731.90
			<b>4,273.49</b>

Net Energy Generation - kWh

Gross Generation kWh	15,080
Less: Station Service kWh	<b>(158,265)</b>
Net Energy Generated kWh's	<b>(143,185)</b>

**2 Natural Gas Consumed:**

Meter 1	Therms	5,515	6,693
Meter 2	Therms	<u>6</u>	<u>10</u>
Meter 1	<b>Cost</b>	3,441.67	4,095.52
Meter 2	<b>Cost</b>	<u>48.74</u>	<u>53.83</u>
		3,490.41	4,149.35
			<b>7,639.76</b>

Grand Total Cost of No. 2 Fuel Oil & Natural Gas Consumed **11,913.25**

**3 New York Independent System Operator Billing**

Apr-18	Monthly Settlement	<b>107,783.27</b>
Apr-18	Monthly ICAP Adjustment	<b>71,611.80</b>

Energy Purchased kWh's	<b>(782,049)</b>
Less: Energy For CT-2 Station Service	<b>(258,110)</b>

Net kWh's Available for Sale **(1,040,159)**

**4 CT-5 Station Service **(11,370.95)****

**5 New York Power Authority (NYPA) Billing 355,763.44**

NYPA Purchased Power kWh's 20,708,293

New York State Clean Energy Standard **70,684.75**

**6 LM6000 - Charges/Credits for CT-5 Operations **(510.15)****

**7 Adjustment for Prior Months Actual vs. Estimated Charges 307,998.60**

Total Monthly Fuel & Purchase Power Costs	<u><b>913,874.01</b></u>	(A)	Total Net Generation and Purchase Power	<u><b>19,524,949</b></u>	(B)
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Total Net Generation & Purchase Power - kWh's 19,524,949

4.6805 Cents/kWh