

**Freeport Electric Department  
Monthly FCA Worksheet  
January-16**

Month of:

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	#6102	
Gallons Consumed	1,432	0	3,236	
Avg. Stock Cost	3.3107	2.1252	3.8937	
Cost of No. 2 Fuel Consumed	4,740.92	0.00	12,600.01	<b>17,340.93</b>

Net Energy Generation - kWh

Gross Generation kWh	44,680
Less: Station Service kWh	<b>(203,659)</b>
Net Energy Generated kWh's	<b>(158,979)</b>

**2 Natural Gas Consumed:**

Meter 1	Therms	6,976	7,814
Meter 2	Therms	5	12
Meter 1	Cost	4,512.66	5,035.76
Meter 2	Cost	49.57	67.93
		4,562.23	5,103.69
			<b>9,665.92</b>

Grand Total Cost of No. 2 Fuel Oil & Natural Gas Consumed **27,006.85**

**3 New York Independent System Operator Billing**

Nov-15	Monthly Settlement	<b>198,572.83</b>
Nov-15	Monthly ICAP Adjustment	<b>0.00</b>

Energy Purchased kWh's	<b>3,611,890</b>
Less: Energy For CT-2 Station Service	<b>(214,560)</b>
Net kWh's Available for Sale	<b>3,397,330</b>

**4 CT-5 Station Service (10,684.79)**

**5 New York Power Authority (NYPA) Billing 367,423.65**

NYPA Purchased Power kWh's **20,515,000**

**6 LM6000 - Charges/Credits for CT-5 Operations (22,623.75)**

**7 Adjustment for Prior Months Actual vs. Estimated Charges (205,294.32)**

Total Monthly Fuel & Purchase Power Costs **354,400.47**

(A)

Total Net Generation and Purchase Power **23,753,351** (B)

Total Net Generation & Purchase Power - kWh's **23,753,351**

Monthly FAC Rate - (A divided by B) **1.4920** Cents/kWh  
Adjust Prior Month FAC Statement No. 69 **-0.0476** Cents/kWh