

**Freeport Electric Department  
Monthly FCA Worksheet**

Month of: May-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		706	57	
Avg. Stock Cost		1.607	2.5916	
Cost of No. 2 Fuel Consumed	0.00	1,134.54	147.72	<b>1,282.26</b>

Net Energy Generation - kWh

Gross Generation kWh	31,810
Less: Station Service kWh	<b>(121,152)</b>
Net Energy Generated kWh's	<b>(89,342)</b>

**2 Natural Gas Consumed:**

Meter 1	Therms	4,608	240
Meter 2	Therms	5	4
Meter 1	Cost	2,873.83	521.70
Meter 2	Cost	45.33	43.31
		2,919.16	565.01
			<b>3,484.17</b>

Grand Total Cost of No. 2 Fuel Oil & Natural Gas Consumed **4,766.43**

**3 New York Independent System Operator Billing**

May-18	Monthly Settlement	<b>121,137.72</b>
May-18	Monthly ICAP Adjustment	<b>87,218.41</b>

Energy Purchased kWh's	<b>2,474,312</b>
Less: Energy For CT-2 Station Service	<b>(186,840)</b>

Net kWh's Available for Sale **2,287,472**

**4 CT-5 Station Service (7,020.72)**

**5 New York Power Authority (NYPA) Billing 291,607.56**

NYPA Purchased Power kWh's **16,788,299**

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

**6 LM6000 - Charges/Credits for CT-5 Operations (15,414.60)**

**7 Adjustment for Prior Months Actual vs. Estimated Charges (122,646.19)**

Total Monthly Fuel & Purchase Power Costs	<b>430,333.36</b>	(A)	Total Net Generation and Purchase Power	<b>18,986,429</b>	(B)
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Total Net Generation & Purchase Power - kWh's **18,986,429**

2.2665 Cents/kWh