

**Freeport Electric Department**  
**Monthly FCA Worksheet**  
**Month of: August-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		986	1,541
Avg. Stock Cost		1.9316	2.5916
Cost of No. 2 Fuel Consumed	0.00	1,904.56	3,993.66
			<b>5,898.22</b>

Net Energy Generation - kWh

Gross Generation kWh	23,192
Less: Station Service kWh	<b>(143,115)</b>
Net Energy Generated kWh's	<b>(119,923)</b>

**2 Natural Gas Consumed:**

Meter 1	Therms	3,670	0
Meter 2	Therms	3	0
Meter 1	Cost	2,399.09	392.98
Meter 2	Cost	38.35	37.87
		2,437.44	430.85
			<b>2,868.29</b>

Grand Total Cost of No. 2 Fuel Oil & Natural Gas Consumed **8,766.51**

**3 New York Independent System Operator Billing**

Aug-18	Monthly Settlement	<b>709,362.63</b>
Aug-18	Monthly ICAP Adjustment	<b>103,473.04</b>

Energy Purchased kWh's	9,915,443
Less: Energy For CT-2 Station Service	<b>(399,260)</b>

Net kWh's Available for Sale 9,516,183

**4 CT-5 Station Service (33,201.75)**

**5 New York Power Authority (NYPA) Billing 333,117.96**

NYPA Purchased Power kWh's 19,068,219

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

**6 LM6000 - Charges/Credits for CT-5 Operations (138,824.58)**

**7 Adjustment for Prior Months Actual vs. Estimated Charges 65,416.77**

Total Monthly Fuel & Purchase Power Costs **1,118,795.33** (A) Total Net Generation and Purchase Power **28,464,479** (B)

Total Net Generation & Purchase Power - kWh's 28,464,479

3.9305 Cents/kWh