

**Freeport Electric Department**  
**Monthly FCA Worksheet**  
**Month of: August-16**

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	0	4,685	5,476
Avg. Stock Cost	0.0000	1.9783	3.8937
Cost of No. 2 Fuel Consumed	0.00	9,268.34	21,321.90
			<b>30,590.24</b>

Net Energy Generation - kWh

Gross Generation kWh	100,408
Less: Station Service kWh	<b>(148,973)</b>
Net Energy Generated kWh's	<b>(48,565)</b>

**2 Natural Gas Consumed:**

Meter 1	Therms	3,494	0
Meter 2	Therms	<u>3</u>	<u>0</u>
Meter 1	Cost	2,177.88	160.99
Meter 2	Cost	<u>43.18</u>	<u>40.71</u>
		2,221.06	201.70
			<b>2,422.76</b>

Grand Total Cost of No. 2 Fuel Oil & Natural Gas Consumed **33,013.00**

**3 New York Independent System Operator Billing**

Aug-16	Monthly Settlement	<b>853,558.62</b>
Aug-16	Monthly ICAP Adjustment	<b>(82,801.37)</b>

Energy Purchased kWh's	9,877,576
Less: Energy For CT-2 Station Service	<b>(644,750)</b>

Net kWh's Available for Sale **9,232,826**

**4 CT-5 Station Service (65,839.86)**

**5 New York Power Authority (NYPA) Billing 348,598.62**

NYPA Purchased Power kWh's **19,817,700**

**6 LM6000 - Charges/Credits for CT-5 Operations (285,312.32)**

**7 Adjustment for Prior Months Actual vs. Estimated Charges 15,059.77**

**Total Monthly Fuel & Purchase Power Costs 816,276.46 (A) Total Net Generation and Purchase Power 29,001,961 (B)**

**Total Net Generation & Purchase Power - kWh's 29,001,961**

**2.8146 Cents/kWh**