

**Freeport Electric Department**  
**Monthly FCA Worksheet**  
**July-15**

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	1,963	0	5,951	
Avg. Stock Cost	3.3107	2.1252	3.8937	
Cost of No. 2 Fuel Consumed	6,498.90	0.00	23,171.41	<b>29,670.31</b>

Net Energy Generation - kWh

Gross Generation kWh	74,640
Less: Station Service kWh	<b>(145,462)</b>
Net Energy Generated kWh's	<b>(70,822)</b>

**2 Natural Gas Consumed:**

Meter 1	Therms	8,302	0	
Meter 2	Therms	9	61	
Meter 1	Cost	5,142.88	316.73	
Meter 2	Cost	87.22	259.79	
		5,230.10	576.52	<b>5,806.62</b>

Grand Total Cost of No. 2 Fuel Oil & Natural Gas Consumed **35,476.93**

**3 New York Independent System Operator Billing**

Jul-15	Monthly Settlement	395,158.52
Jul-15	Monthly ICAP Adjustment	<b>(101,049.83)</b>

Energy Purchased kWh's 7,212,545  
Less: Energy For CT-5 Station Service **(469,240)**

Net kWh's Available for Sale 6,743,305

**4** **CT-5 Station Service** **(35,706.37)**

**5 New York Power Authority (NYPA) Billing** 364,579.16

NYPA Purchased Power kWh's 19,966,000

**6 LM6000 - Charges/Credits for CT-5 Operations** **(117,008.69)**

**7 Adjustment for Prior Months Actual vs. Estimated Charges** **(149,017.09)**

Total Monthly Fuel & Purchase Power Costs	<u>392,432.63</u>	(A)	Total Net Generation and Purchase Power	<u>26,638,483</u>	(B)
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Total Net Generation & Purchase Power - kWh's 26,638,483

Monthly FAC Rate - (A divided by B) 1.4732 Cents/kWh