

**Freeport Electric Department  
Monthly FCA Worksheet**

Month of: July-10

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>	<u>Net Energy Generation - kWh</u>	
Gallons Consumed	2,627	21,800		Gross Generation kWh	224,500
				Less: Station Service kWh	(153,095)
Avg. Stock Cost	2.0881	3.0872		Net Energy Generated kWh's	71,405
Cost of No. 2 Fuel Consumed	5,485.44	67,300.96	72,786.40		

**2 Natural Gas Consumed:**

Meter 1	Therms	3,490		
Meter 2	Therms	11		
Meter 1	Cost	3,688.88	155.74	
Meter 2	Cost	60.24	25.36	
		3,749.12	181.10	3,930.22

Grand Total Cost of No. 2 Fuel Oil & Natural Gas Consumed 76,716.62

**3 New York Independent System Operator Billing**

Jul-10	Monthly Settlement	1,362,728.14	Energy Purchased kWh's	12,077,680
Jul-10	Monthly ICAP Adjustment	(3,722.67)	Less: Energy For CT-5 Station Service	(722,680)
	Net ISO Billing	1,359,005.47	Net kWh's Available for Sale	11,355,000

**4 Jul-10 CT-5 Station Service (75,523.83)**

<b>5 New York Power Authority (NYPA) Billing</b>	377,560.00	NYPA Purchased Power - kWh's	18,878,000
<b>6 Con Edison Monthly Transportation Charge</b>	114,330.00		N/A
<b>7 LM6000 - Charges/Credits for CT-5 Operations</b>	(204,981.53)		N/A
<b>8 Adjustment for Prior Months Actual vs. Estimated Charges</b>	57,357.75		N/A

**Total Monthly Fuel & Purchase Power Costs** 1,704,464.48 (A) **Total Net Generation and Purchase Power - kWh's** 30,304,405 (B)

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**Total Net Generation & Purchase Power - kWh's** 30,304,405

*Monthly FAC Rate - (A divided by B)* 5.6245 Cents/kWh

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