

Freeport Electric Department

Monthly FCA Worksheet

Month of: January-14

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 | | 9,481 | 10,465 | | Gross Generation kWh | 235,400 |
| | | | | | Less: Station Service kWh | (219,084) |
| Avg. Stock Cost | | <u>3.1918</u> | <u>3.9199</u> | | Net Energy Generated kWh's | 16,316 |
| Cost of No. 2 Fuel Consumed | | 30,261.46 | 41,021.75 | 71,283.21 | | |
| | | | | | | |
| 2 <u>Natural Gas Consumed:</u> | | | | | | |
| Meter 1 | Therms | | 9,408 | | | |
| Meter 2 | Therms | <u>7</u> | <u>14</u> | | | |
| Meter 1 | Cost | | 8,963.17 | | | |
| Meter 2 | Cost | <u>50.10</u> | <u>52.01</u> | | | |
| | | 50.10 | 9,015.18 | 9,065.28 | | |
| Grand Total Cost of No. 2 Fuel Oil & Natural Gas Consumed | | | | <u>80,348.49</u> | | |
| | | | | | | |
| 3 New York Independent System Operator Billing | | | | | | |
| Jan-14 | Monthly Settlement | | 1,455,066.48 | | Energy Purchased kWh's | 5,692,922 |
| | | | | | Less: Energy For CT-5 Station Service | (233,020) |
| Jan-14 | Monthly ICAP Adjustment | | (85,603.79) | | Net kWh's Available for Sale | 5,459,902 |
| | | | | | | |
| 4 | CT-5 Station Service | | (47,858.28) | | | |
| | | | | | | |
| 5 | New York Power Authority (NYPA) Billing | | 337,810.88 | | NYPA Purchased Power kWh's | 20,204,000 |
| 6 | LM6000 - Charges/Credits for CT-5 Operations | | 64,039.63 | | | |
| 7 | Adjustment for Prior Months Actual vs. Estimated Charges | | (351,977.62) | | | |
| | | | | | | |
| Total Monthly Fuel & Purchase Power Costs | | | <u>1,451,825.79</u> | (A) | Total Net Generation and Purchase Power | <u>25,680,218</u> (B) |
| Total Net Generation & Purchase Power - kWh's | | | 25,680,218 | | | |
| Monthly FAC Rate - (A divided by B) | | | 5.6535 | Cents/kWh | | |