

**Freeport Electric Department  
Monthly FCA Worksheet  
January-17**

Month of: January-17

Line  
Ref.

1 NO. 2 Fuel Oil Consumed Power Plant 1 & 2

| <u>No. 2 Fuel Oil Consumed:</u> | Power<br>Plant 1 | Power<br>Plant 2 | Total<br>Cost    |
|---------------------------------|------------------|------------------|------------------|
|                                 | #8305            | #8307            | #6102            |
| Gallons Consumed                | 0                | 2,530            | 5,263            |
| Avg. Stock Cost                 | 0.0000           | 1.7008           | 3.8937           |
| Cost of No. 2 Fuel Consumed     | 0.00             | 4,303.02         | 20,492.54        |
|                                 |                  |                  | <b>24,795.56</b> |

Net Energy Generation - kWh

|                            |           |
|----------------------------|-----------|
| Gross Generation kWh       | 60,510    |
| Less: Station Service kWh  | (174,108) |
| Net Energy Generated kWh's | (113,598) |

2 Natural Gas Consumed:

|         |        |          |                  |
|---------|--------|----------|------------------|
| Meter 1 | Therms | 7,296    | 6,894            |
| Meter 2 | Therms | 6        | 12               |
| Meter 1 | Cost   | 5,202.54 | 4,924.86         |
| Meter 2 | Cost   | 49.61    | 60.04            |
|         |        | 5,252.15 | 4,984.90         |
|         |        |          | <b>10,237.05</b> |

Grand Total Cost of No. 2 Fuel Oil & Natural Gas Consumed **35,032.61**

3 New York Independent System Operator Billing

|        |                         |                   |
|--------|-------------------------|-------------------|
| Jan-17 | Monthly Settlement      | <b>234,806.26</b> |
| Jan-17 | Monthly ICAP Adjustment |                   |

|                                       |           |
|---------------------------------------|-----------|
| Energy Purchased kWh's                | 2,975,795 |
| Less: Energy For CT-2 Station Service | (209,660) |

Net kWh's Available for Sale 2,766,135

4 CT-5 Station Service (12,461.77)

5 New York Power Authority (NYPA) Billing 354,301.85

NYPA Purchased Power kWh's 20,659,552

6 LM6000 - Charges/Credits for CT-5 Operations (26,548.81)

7 Adjustment for Prior Months Actual vs. Estimated Charges (5,194.52)

Total Monthly Fuel & Purchase Power Costs **579,935.62** (A) Total Net Generation and Purchase Power **23,312,089** (B)

Total Net Generation & Purchase Power - kWh's 23,312,089

2.4877 Cents/kWh