

SITE NAME – KINGS COUNTY HOSPITAL

Table 1 Database Notes

| | | |
|---------------------------------------|---|---|
| Data Collection | Data Logger: Data Collection Interval: Collection Method: | Obvius AcquiSuite A8812 15 – Minute Obvius Upload Manager to Frontier Energy Servers |
| Project Information | DER Unit (make & model): Nameplate Capacity: Heat Recovery Medium: Heat Recovery Uses: | One (1) Capstone C1000S Microturbine & One Capstone C600S Microturbine 1000 kW & 600kW Hot Water Other |
| DER Electricity Generated (WG) | Engineering Units: Energy Measurement (net/gross): Measurement Type: | kWh Net Power (calculated from combined gross and parasitic measurements) Accumulated kWh by Veris H8035-1600 |
| Electric Utility Import (WI) | Engineering Units: Measurement Type: | kWh Accumulated kWh by Shark 200 |
| DER Fuel Consumed (FG) | Engineering Units: Measurement type: | cf Accumulated cubic feet – Onicon F5500 Thermal Mass Flow Meter |
| DER Heat Used (QU) | Engineering Units: Heat Measurement Type: | MBtu Measured Btu/hr from an Onicon Btu Meter |

Table 2 Event Timeline

| Date | Event |
|------------------|--------------------------|
| October 15, 2020 | Data collection begins |
| October 27, 2020 | Added to NYSERDA website |
| | |

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Range Checks

Table 3 Range Checks

| Data Point | Units | Database Lower Range | Database Upper Range | Notes |
|----------------------------------|--------------|---------------------------------|---------------------------------|--------------------------|
| DER Electricity Generated | kWh/hour | -20 | 1800 | |
| Electric Utility Import | kWh/hour | -200 | 2500 | |
| DER Fuel Consumed | cfh | 0 | 20000 | |
| DER Heat Used | MBtu/hour | 0 | 5000 | |
| Ambient Temperature | °F | -20 | 130 | NOAA Airport Code - KLGA |

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Relational Checks

Table 4 Relational Checks

| Evaluated Point(s) | Criteria | Result |
|---------------------------|---|---------------------------------|
| Electricity Generated | Fuel Consumed > 0 and Electricity Generated Invalid | Fuel Consumed = invalid |
| Fuel Consumed | Electricity Generated > 0 and Fuel Consumed Invalid | Electricity Generated = invalid |
| | | |