

Steel Sun #2 – Amherst Campus – Database Notes

Table 1 Database Notes

| | | |
|---|---|--------------------------------------|
| Data Collection | Data Logger: Data Collection Interval: Collection Method: Timestamp Reference: | AlsoEnergy Daily FTP 15 min |
| Site Information | Azimuth: Tilt: Nameplate Capacity: | 180° 25° 2035.50 kW |
| DG/CHP Solar Panel Output | Engineering Units: Measurement Type: | kWh Accumulator |
| DG/CHP Solar Panel Output Demand | Engineering Units: Measurement Type: | kW calculated |

Table 2 Event Timeline

| Date | Event |
|-------------------|---|
| December 23, 2016 | Monitored data collection began |
| October 25, 2017 | Monitored data transfer to CDH Energy began |
| November 20, 2017 | Monitored data posted on the NYSERDA DG Website |

Table 3. Range Checks

| Data Point | Hourly Data Method | Units | Database Lower Range | Database Upper Range | Notes |
|--------------------------------|--------------------|---------|----------------------|----------------------|---|
| DG/CHP Generator Output | Sum | kWh/int | 0 | 750 | High limit extended to accommodate spikes |
| DG/CHP Generator Output Demand | Max | kW | 0 | 3000 | High limit extended to accommodate spikes |
| Ambient Temperature | Avg | °F | -20 | 130 | WUG Airport Code – BUF |

Notes: Table contains values from *steel_sun2.csv*