

# **Cardinal Spellman High School – Database Notes**

**Table 1 Database Notes**

<b>Data Collection</b>	Data Logger: Data Collection Interval: Collection Method: Timestamp Reference:	Locus Daily Locus Energy Email 15 min
<b>Site Information</b>	Azimuth: Tilt: Nameplate Capacity:	206° 10° 233.8 kW
<b>DG/CHP Solar Panel Output</b>	Engineering Units: Measurement Type:	kWh Interval
<b>DG/CHP Solar Panel Output Demand</b>	Engineering Units: Measurement Type:	kW Calculated

**Table 2 Event Timeline**

<b>Date</b>	<b>Event</b>
June 5, 2017	Monitored data collection began
June 7, 2017	Monitored data transfer to CDH Energy began
July 24, 2017	CTs installed correctly and good data begins
August 1, 2017	Monitored data posted on the NYSERDA DG Website

**Table 3. Range Checks**

<b>Data Point</b>	<b>Hourly Data Method</b>	<b>Units</b>	<b>Database Lower Range</b>	<b>Database Upper Range</b>	<b>Notes</b>
DG/CHP Generator Output	Sum	kWh/int	0	62.5	
DG/CHP Generator Output Demand	Max	kW	0	250	
Ambient Temperature	Avg	°F	-20	130	WUG Airport Code – JFK

Notes: Table contains values from *cardinal\_spellman.csv*