

Houghton College – Database Notes

Table 1 Database Notes

Data Collection	Data Logger: Data Collection Interval: Collection Method: Timestamp Reference:	Obvius AcquiSuite Daily Web Upload 5 min
Site Information	Solar Panels: Azimuth: Tilt: Nameplate Capacity:	1 180° 25° from horizontal 2,613 kW
DG/CHP Solar Panel Output	Engineering Units: Measurement Type: Power Measurements:	kWh Accumulator
DG/CHP Solar Panel Output Demand	Engineering Units: Measurement Type:	kW Instantaneous

Table 2 Event Timeline

Date	Event
March 30, 2015	Monitored data collection begun
April 8, 2015	Monitored data posted on the NYSERDA DG Website

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Range Checks

Table 3. Range Checks

Data Point	Hourly Data Method	Units	Sensor Lower Range	Sensor Upper Range	Database Lower Range	Database Upper Range	Notes
DG/CHP Generator Output	Sum	kWh/int	0	-	0	220	
DG/CHP Generator Output Demand	Max	kW	0	-	0	2800	
Ambient Temperature	Avg	°F	-20	130	-20	130	WUG Airport Code - BUF

Notes:

1. Table contains values from *houghton.csv*