

Cornell Snyder Rd Solar Farm – Database Notes

Table 1 Database Notes

Data Collection	Data Logger: Data Collection Interval: Collection Method: Timestamp Reference:	Draker/Higeco Daily Web API/SFTP Upload 15 min
Site Information	Solar Panels: Azimuth: Tilt: Nameplate Capacity:	1 180° 20° from horizontal 2067.29 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 Calculated

Table 2 Event Timeline

Date	Event
October 3, 2014	Monitored data collected and posted on the NYSERDA DG Website
July 28, 2017	Due to data quality issues with the Draker system, the site switched to a Higeco data logger. Applied standard logic to spread data spikes and fill gaps using the accumulated production to all data before this date

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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	700	
DG/CHP Generator Output Demand	Max	kW	0	-	0	2800	
Ambient Temperature	Avg	°F	-20	130	-20	130	WUG Airport Code - ITH

Notes:

1. Table contains values from *snyder.csv*