

# Smith Cairns – Database Notes

**Table 1 Database Notes**

<b>Data Collection</b>	Data Logger: Data Collection Interval: Collection Method: Timestamp Reference:	Locus Daily Email 15 min
<b>Site Information</b>	Azimuth: Tilt: Nameplate Capacity:	Roof 96° Carport(s) 276° Roof 2° Carport(s) 10° 394.8 kW
<b>DG/CHP Solar Panel Output</b>	Engineering Units: Measurement Type:	kWh Accumulator
<b>DG/CHP Solar Panel Output Demand</b>	Engineering Units: Measurement Type:	kW calculated

**Table 2 Event Timeline**

<b>Date</b>	<b>Event</b>
September 28, 2016	Monitored data collection began
September 28, 2016	Monitored data transfer to CDH Energy began
October 4, 2016	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	100	
DG/CHP Generator Output Demand	Max	kW	0	400	
Ambient Temperature	Avg	°F	-20	130	WUG Airport Code – LGA

Notes: Table contains values from *smith\_cairns.csv*