Table 1. Database Notes

Data Collection	Data Logger: Data Collection Interval: Collection Method:	Obvius AcquiSuite A8812 15 – Minute Nightly Obvius Building Manager Online upload to CDH servers.
Site Information	Cogeneration Units: Nameplate Capacity: Heat Recovery Medium: Heat Recovery Uses: Excess Heat:	Dresser Rand SFGLD 360 Reciprocating Engine w/ Synchronous Generator 450 kW Hot Water Digester and food waste tank heating Rejected to atmosphere using dump radiator
DG/CHP Generator Electrical Output	Engineering Units: Energy Measurement (net/gross): Measurement Type:	kWh Gross Generator Power Pulse output from Shark 100 revenue grade power meter
DG/CHP Generator Electrical Output Demand	Engineering Units: Measurement Type:	kW Calculated from generator electrical output; max kW / int * # intervals
DG/CHP Generator Fuel Input	Engineering Units: Measurement type:	CF 4-20 mA output from Sage SIP gas meter
Other Fuel Input	Engineering Units: Heat Measurement Type:	- -

Utility Energy Import	Engineering Units: Measurement Type:	- -
Utility Energy Import Demand	Engineering Units: Measurement Type:	- -
DG/CHP Useful Heat Recovery	Engineering Units: Measurement Type:	- -
DG/CHP Rejected Heat Recovery	Engineering Units: Heat Measurement Type:	- -
Generator Status	Engineering Units: Measurement Type:	Hours 0 to 1, system on / system off. Generator output must be above 50 kW to be considered on.
Ambient Temperature	Engineering Units: Measurement Type:	Deg. F Weather Underground airport code MSS.

Table 2 Event Timeline

Date	Event
5/31/2021	New gas meter installed; devise resumes gas data reporting.
9/2/2021	New gas data loaded with back data to NYSERDA DER website.

Table 3. Range Checks

Data Point	Units	Hourly Data Calculation Method	Database Lower Range	Database Upper Range	Notes
DG/CHP Generator Output (WG_d)	kWh/int	Sum	0	125	
DG/CHP Generator Outpt Demand (WG_KW_d)	kW	Max	0	500	$WG\_KW\_d = WG\_d * \# Intervals$
DG/CHP Generator Gas Use (FG_d)	Cfh/int	Sum	0	2,500	
Total Facility Purchased Energy (WT_d)	kWh/int	-	0	-	
Total Facility Purchased Demand (WT_KW_d)	kW	-	0	-	
Other Facility Gas Use (FT_d)	cf/int	-	-	-	
Useful Heat Recovery (QHR_d)	MBtu	-	0	-	
Unused Heat Recovery (QD_d)	MBtu	-	0	-	
Status/Runtime of DG/CHP Generator (SG_d)	hr	-	0	1	0-1, System On/System Off
Ambient Temperature (TAO)	°F	Avg	-20	130	WUG Airport Code: MSS

Notes:

1. This table contains values from *woodcrest.csv*