

300 CENTRAL PARK WEST B – DATABASE NOTES

Table 1 Database Notes

Data Collection	Meter: Data Logger: Data Collection Interval: Collection Method:	Obvius AcquiSuite A8812 1 – Minute Obvius Upload Manager to Frontier Servers
Project Information	DER Unit (make & model): Nameplate Capacity: Heat Recovery Medium: Heat Recovery Uses: Excess Heat:	Aegen Aegis PowerVerter PV-75 75 kW Hot Water Domestic hot water Rejected to atmosphere by dump radiator
DER Electricity Generated (WG)	Engineering Units: Energy Measurement (net/gross): Measurement Type:	kWh Net Power (calculated from gross and parasitic measurements) Accumulated kWh
Electric Utility Import (WI)	Engineering Units: Measurement Type:	kWh Accumulated kWh
DER Fuel Consumed (FG)	Engineering Units: Measurement type:	cf Calculated using measured gross power output and manufacturer’s fuel input ratings from NYSERDA CHP Acceleration Catalogue.
DER Heat Used (QU)	Engineering Units: Heat Measurement Type:	MBtu/hr Calculated using measured 1-minute analog flow and temperature data for combined (original + new) system and a useful heat recovery trend developed with historic data from the original system.
DER Heat Rejected (QD)	Engineering Units: Heat Measurement Type:	MBtu/hr Calculated using measured 1-minute analog flow and temperature data for combined (original + new) system and a useful heat recovery trend developed with historic data from the original system.

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Table 2 Event Timeline

Date	Event
January 6, 2022	Data collection begins.
May 6, 2022	Added to NYSERDA website.

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Range Checks

Table 3 Range Checks

Data Point	Units	Database Lower Range	Database Upper Range	Notes
DER Electricity Generated	kWh/hour	-10	160	
Electric Utility Import	kWh/hour	0	400	
DER Fuel Consumed	cfh	0	1200	
DER Heat Used	MBtu/hour	-10	1000	
DER Heat Rejected	MBtu/hour	-10	1000	
Ambient Temperature	°F	-20	130	NOAA Airport Code - KLGA

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Relational Checks

Table 4 Relational Checks

Evaluated Point(s)	Criteria	Result
Electricity Generated Fuel Consumed	Daily Electric Efficiency < 0% HHV and > 100% HHV	Electricity Generated = invalid Fuel Consumed = invalid Heat Used = invalid Heat Rejected = invalid