

NEW YORK UNIVERSITY 370 JAY STREET – DATABASE NOTES

Table 1 Database Notes

Data Collection	Data Logger: Data Collection Interval: Collection Method:	Obvius AcquiSuite A8812 15 – Minute Obvius Upload Manager to CDH Servers
Project Information	DER Unit (make & model): Nameplate Capacity: Heat Recovery Medium: Heat Recovery Uses:	One (1) Capstone C1000S-DM HW One (1) 1000 kW Hot Water Space Heat, Other
DER Electricity Generated (WG)	Engineering Units: Energy Measurement (net/gross): Measurement Type:	kWh Net Power Accumulated kWh
Electric Utility Import (WI)	Engineering Units: Measurement Type:	kWh Measured kW / data interval
DER Fuel Consumed (FG)	Engineering Units: Measurement type:	cf Accumulated cubic feet
DER Heat Used (QU)	Engineering Units: Heat Measurement Type:	MBtu/hr Calculated from 1 minute analog flow and temperature data
DER Heat Rejected (QD)	Engineering Units: Heat Measurement Type:	MBtu/hr Calculated from 1 minute analog flow and temperature data

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Table 2 Event Timeline

Date	Event
11/29/2021	Data Collection Begins
5/31/2022	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	0	1300	
Electric Utility Import	kWh/hour	0	1000	
DER Fuel Consumed	cfh	0	11000	
DER Heat Used	MBtu/hour	0	6000	
DER Heat Rejected	MBtu/hour	0	6000	
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