Roosevelt Landing – Database Notes

Table 1 Database Notes

Data Collection	Data Logger: Data Collection Interval: Collection Method:	Clockworks Manual upload - Monthly SFTP Upload to CDH servers
Site Information	Cogeneration Units: Nameplate Capacity: Heat Recovery Medium: Heat Recovery Uses: Excess Heat:	Three Tecogen Inverde 100 units 300 kW Hot Water domestic hot water Rejected to atmosphere by dump radiator
DG/CHP Generator Electrical Output	Engineering Units: Energy Measurement (net/gross): Measurement Type:	kWh Net Power Measurement kW converted to interval
DG/CHP Generator Electrical Output Demand	Engineering Units: Measurement Type:	kW kW
DG/CHP Generator Fuel Input	Engineering Units: Measurement type:	CF Pulse Accumulator (about 200 cf per pulse, fairly coarse)
DG/CHP Useful Heat Recovery	Engineering Units: Heat Measurement Type:	-MBtu -Pre-calculated in received file
DG/CHP Unused Heat Recovery	Engineering Units: Heat Measurement Type:	- -
DG/CHP Status/Runtime	Engineering Units: Measurement Type:	- -

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Facility Purchased Energy	Engineering Units: Measurement Type:	- -
Facility Purchased Demand	Engineering Units: Measurement Type:	- -
Other Facility Gas Use	Engineering Units: Measurement Type:	- -

Table 2 Event Timeline

Date	Event
6/18/2015	Data has been posted to the NYSERDA Website

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Range Checks

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	60	
DG/CHP Generator Output Demand (WG_KW_d)	kW	Max	0	360	
DG/CHP Generator Gas Use (FG_d)	cf/int	Sum	0	2000	
Total Facility Purchased Energy (WT_d)	kWh/int	Sum	0	-	
Total Facility Purchased Demand (WT_KW_d)	kW	Max	0	-	
Other Facility Gas Use (FT_d)	cf/int	-	-	-	
Useful Heat Recovery (QHR_d)	MBtu/int	-	-	2500	
Unused Heat Recovery (QD_d)	MBtu/int	-	-	-	
Status/Runtime of DG/CHP Generator (SG_d)	hr	-	-	-	
Ambient Temperature (TAO)	°F	Avg	-20	300	*WUG Airport Code - NYC*

Notes:

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