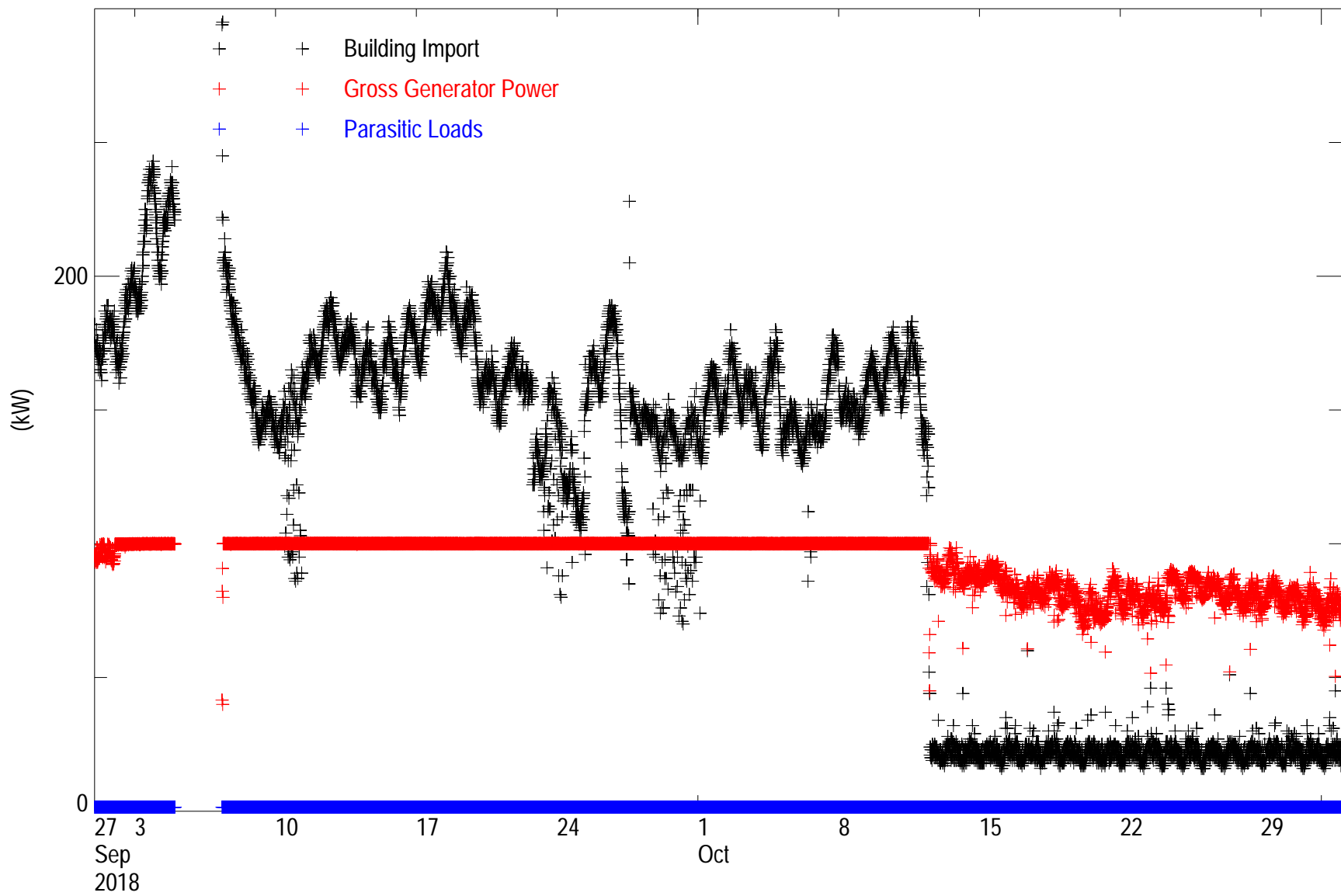
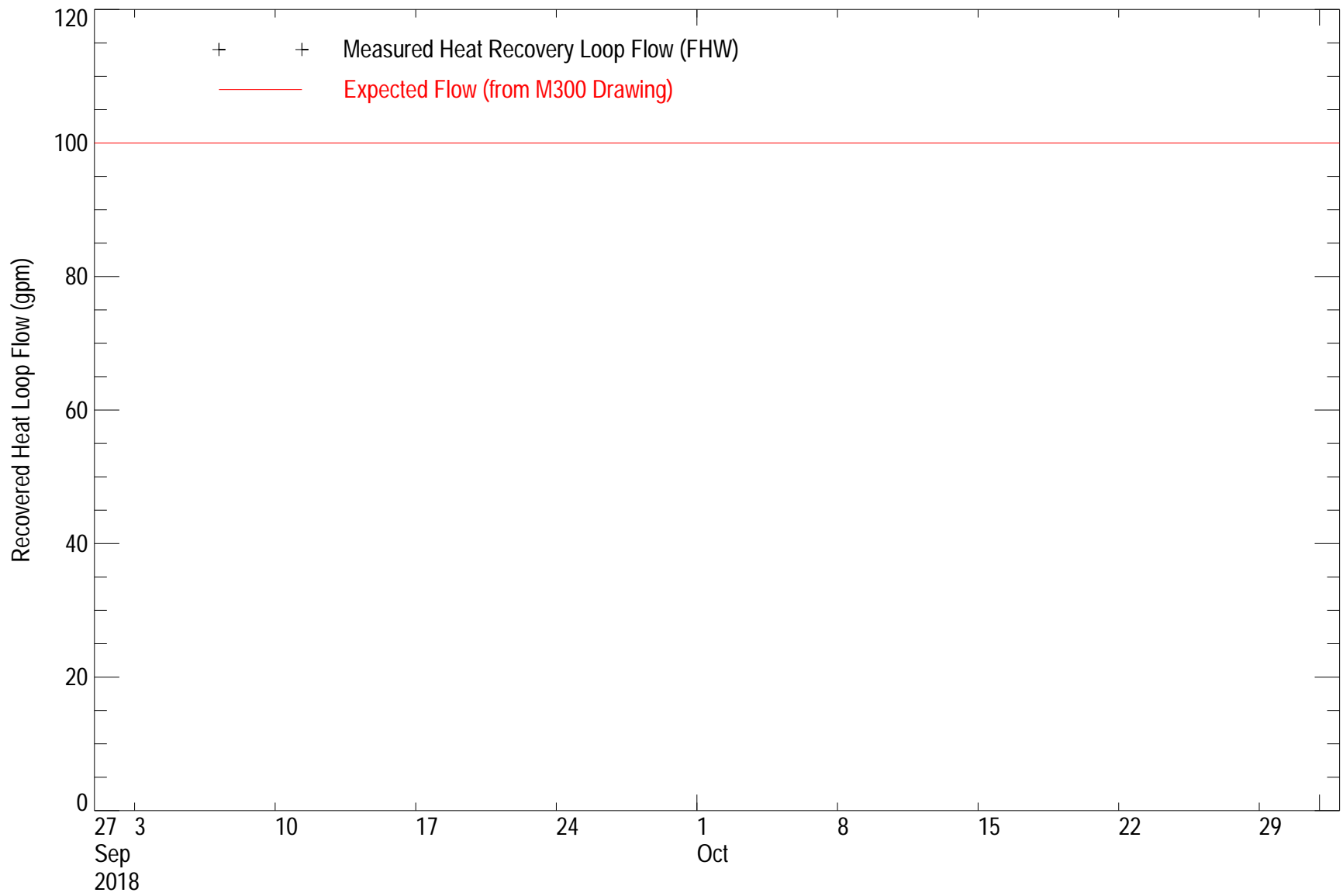
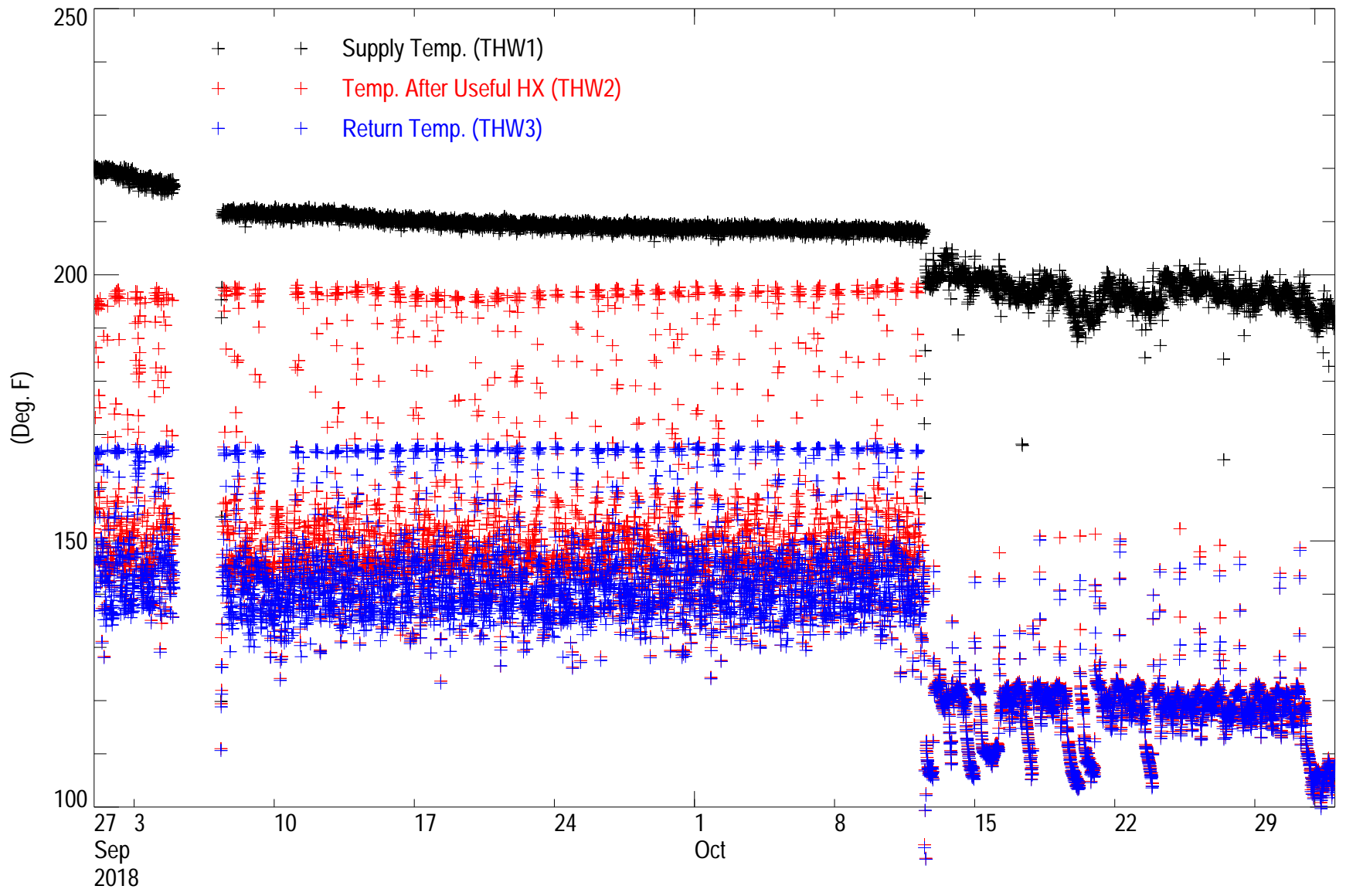


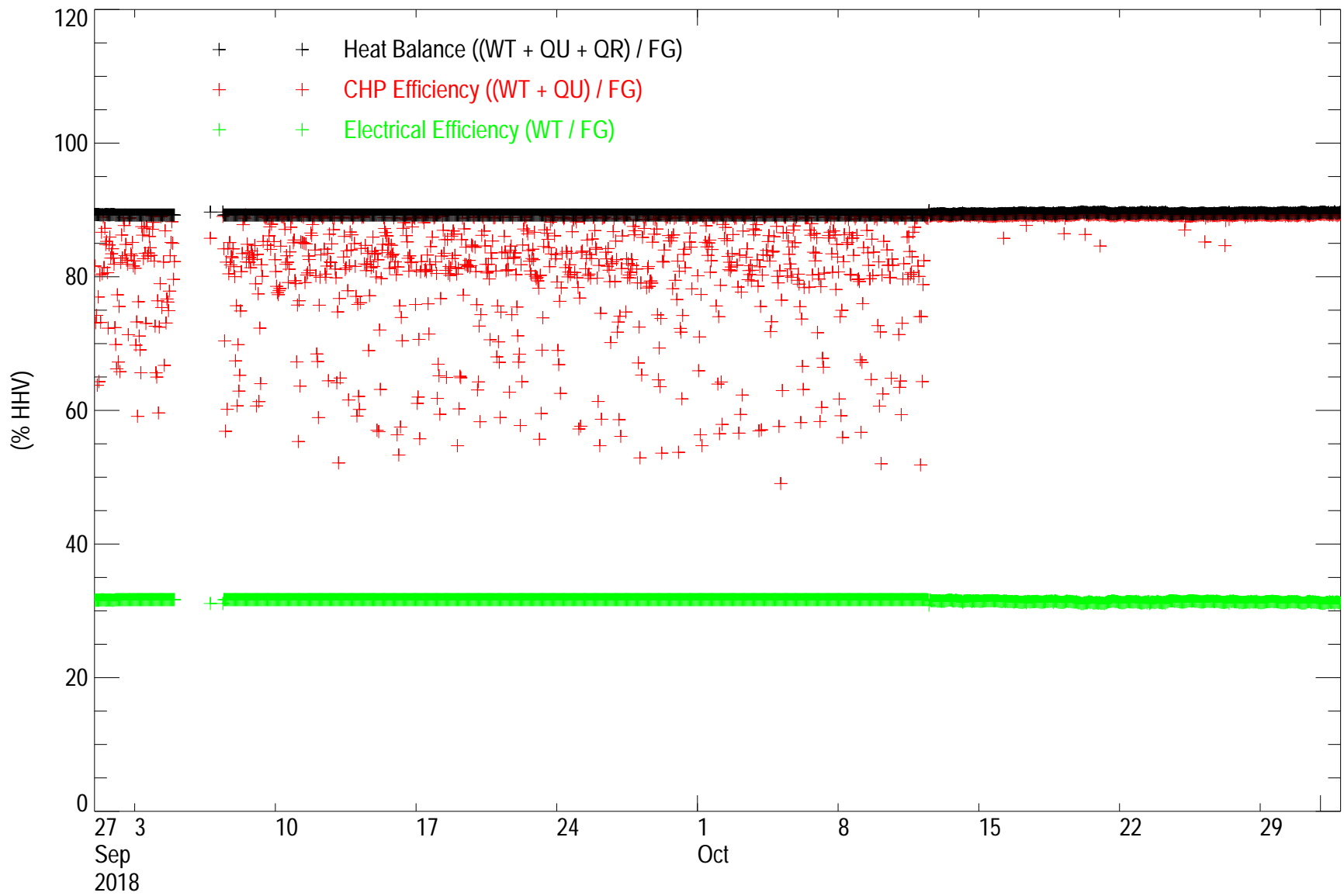
Data provided for the new Silver Towers Tecogen site, dating back to mid-June 2017, was reviewed for consistency and accuracy. There are a few issues with the reported data that is preventing it from being added to the NYSERDA DG Website:

1. The data point for hot water flow shows invalid data. Please populate the Flow Rate (GPM) column with measured flow.
2. Gas data is perfectly linear when plotted against generator power output (see Page 6). This indicates reported gas data is being calculated using performance rating as opposed to measured. Please report the measured gas data.
 - a. This calculated gas data results in constant electrical efficiency of 31.6 % HHV (1.032 MBtu/cf)
3. Total heat recovery (useful + rejected) data is perfectly linear when plotted against generator power output (see page 7). This indicates the total heat recovery data is being calculated using performance rating as opposed to measured. Please update data file to include the measured heat recovery data.
4. Many changes to the data occurred around 10/12/2018. Were there changes made to the installed sensors, the system, or the data collection system?
 - a. Building import power dropped from around 150 kW to < 20 kW.
 - b. Heat recovery loop temperatures after useful HX and dump radiator converged to identical values and dropped from 140 – 150 °F to around 120 °F.

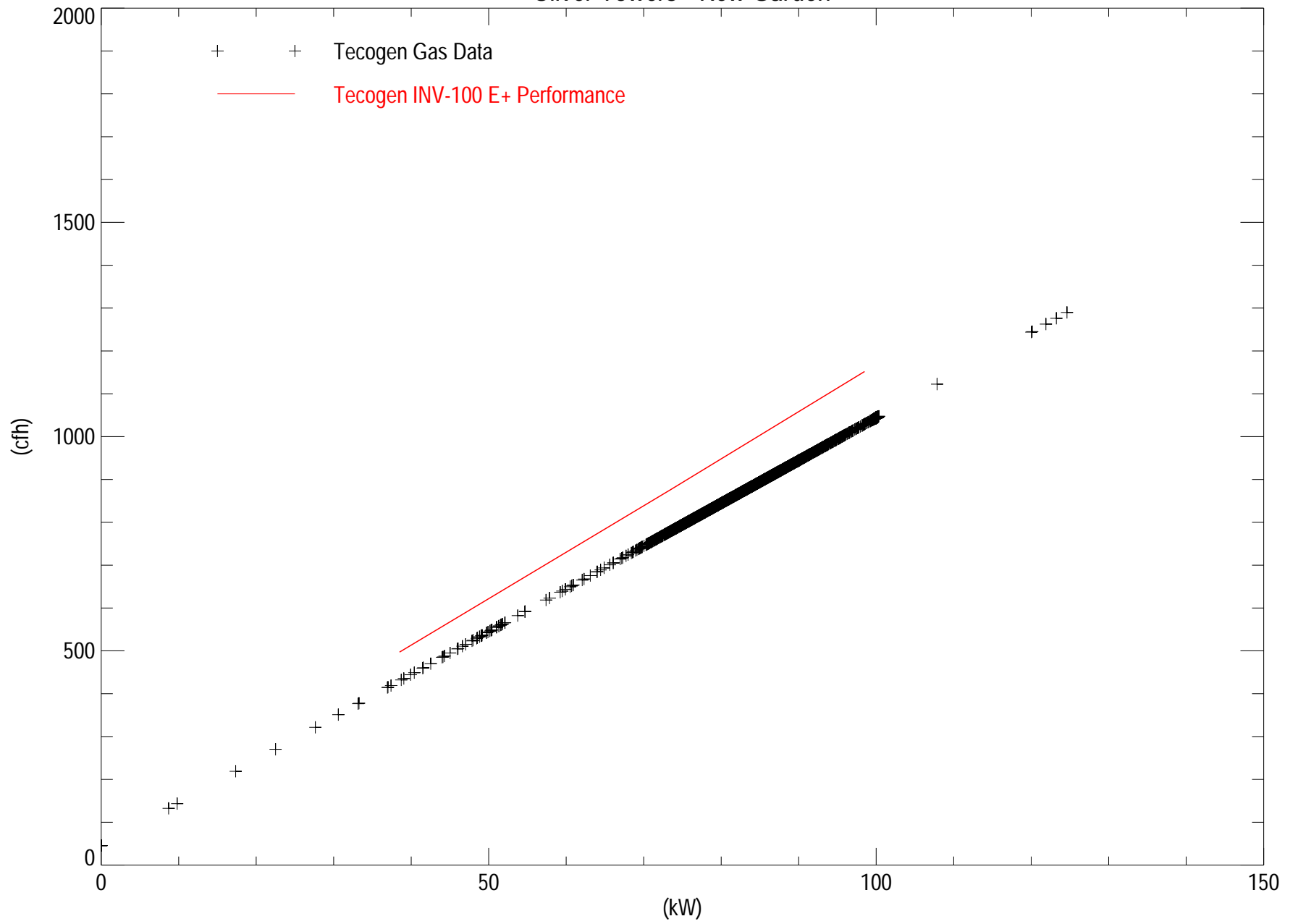








Silver Towers - Kew Garden



Silver Towers - Kew Garden

