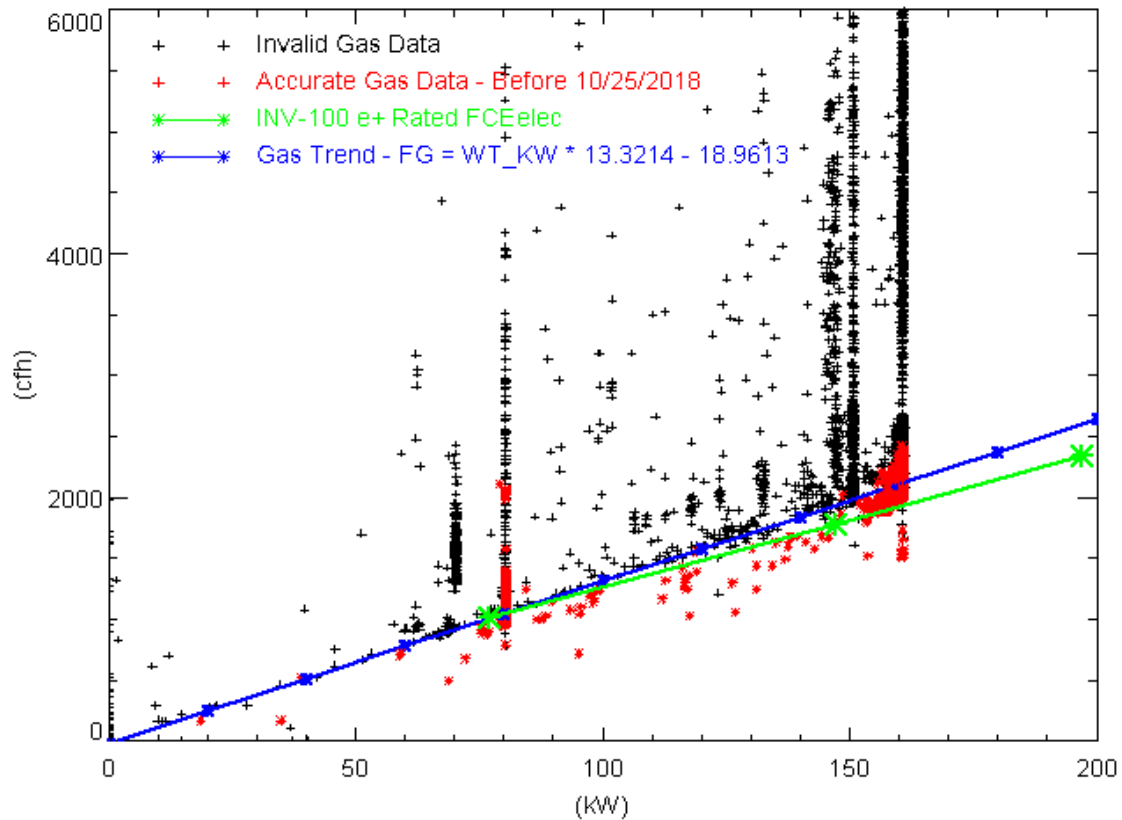


GAS CALCULATIONS

Much of the gas data, beginning on October 25, 2018, exceeded acceptable ranges. In order to accurately display system efficiency on the NYSERDA website, gas data was stipulated for the period of bad gas data. A linear regression was developed using the 5-months of accurate gas data that was collected. The developed trend was compared to the part load manufacturer ratings from the NYSERDA CHP catalog for verification of accuracy.



The developed trend was used to calculate system gas consumption as a function of the measured gross power output.

GAS CALCULATIONS

