After comparing the non-temperature compensated and temperature compensated readings on the face of the Romet RM2000 gas meter installed at 400 Central Park West it was determined the temperature compensation on the gas meter was not working properly. This was causing the data acquisition system (DAS) to report nearly double the actual gas use. The table below shows the meter dial readings, the recorded gas and power data from the DAS, and the calculated multiplier (0.55) to be used to adjust back gas data.

	Non-Comp	Temp-Comp	DAS FG	DAS WT
Date	Reading	Reading	Accumulator	Accumulator
	(CF)	(CF)	(CF)	(kWh)
3/13/2017 14:08	1,473,895	2,715,163	540	668
4/19/2017 12:00	1,881,317		743,930	29,522
5/16/2017 16:20	2,204,572	4,048,045	1,333,390	50,666

Difference				
3/13 - 5/16	730,677	1,332,882	1,332,850	49,998
Ratio to DAS	0.55	1.00		

Temp-Comp FCEelec
13.2%

Aegis Energy Services, Inc. replaced the Romet RM200 gas meter on March 22, 2017 around 3:00 pm. Gas data from the new meter is accurate and in alignment with the system ratings. The plots below show the unadjusted bad gas readings, adjusted back gas data, and correct new gas data going forward.



