



# FOCUS ON SUSTAINABILITY

## Marien-Heim Tower Case Study



NFP PARTNERSHIPS



BROOKLYN, NY



182 UNITS



SENIORS

### MARIEN-HEIM TOWER SCOPE OF WORK:

- Air sealing and weather-stripping
- Window and balcony door replacement
- New high efficiency boilers
- New dedicated, high efficiency domestic hot water boilers
- Low-flow water fixtures
- New lighting throughout the building & hallways
- Energy Star appliance replacements

HVPG Environmental Case Study: Marien Heim Tower, Brooklyn, NY				
	2014-2015 (pre-rehab)	Aug 2015-Aug 2016 (post-rehab)	Delta	% Decrease
Energy Usage (mmBTU)	13,576	11,302	2,274	17%
Energy Spending (\$)	\$258,437	\$208,724	\$49,713	19%



BEFORE:



AFTER:



BEFORE:



AFTER:





# FOCUS ON SUSTAINABILITY

## Colt Arms Apartments Case Study



ACQUISITION



PATERSON, NJ



207 UNITS

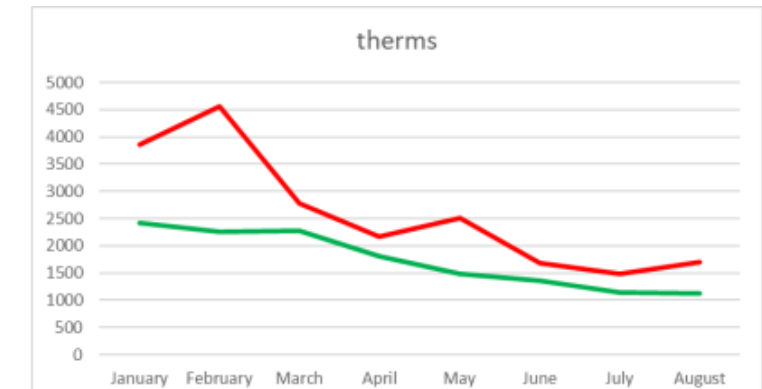
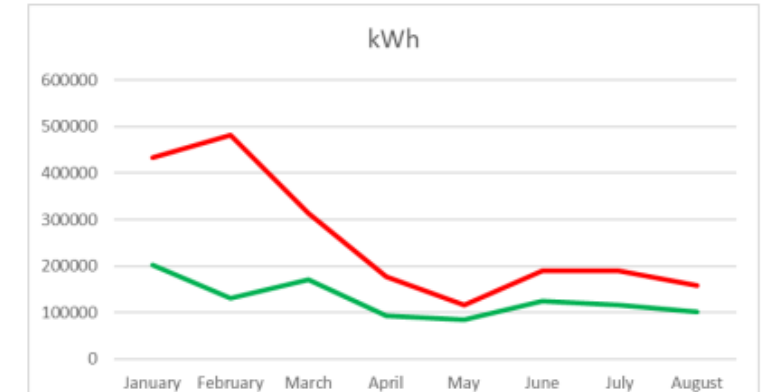


SENIORS



### COLT ARMS SCOPE OF WORK:

- Solar panel roof
- New high efficiency boilers
- Upgraded air conditioning and heating system
- Insulated roofing and windows
- Energy-star lighting and new appliances
- Water-saving fixtures



HVPG Environmental Case Study: Colt Arms Apartments, Paterson, NJ				
	Jan 2015-Aug 2015 (pre-rehab)	Jan 2017-Aug 2017 (post-rehab)	Delta	% Decrease
Energy usage (kWh)	2,062,095	1,025,717	1,036,378	50%
Natural gas (Therms)	20,743	13,853	6,890	33%



Pre-rehab —  
Post-rehab —





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## Colt Arms Apartments Case Study



ACQUISITION



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SENIORS

**BEFORE:**



**AFTER:**

