Enerfrog BAS Remote Monitoring and Continuous Optimization saves 17.76% per site Annually

Overview:
It has become accepted industry-wide that Continuous Optimization results in significant energy savings. The National Research Council of Canada reports that savings of 5% to 25% are possible. As Staples Canada's trusted energy partner, Enerfrog Business Services analyzed the actual consumption data provided by Staples Canada in order to verify the effectiveness of Continuous Commissioning Services. It was determined that sites with Remotely Monitored Building Automation Systems which were Continuously Commissioned by Enerfrog were realizing average electrical utility savings of 17.76% over sites without Remotely Monitored Building Automation Systems. Overall Electrical Consumption for the monitored sites has been trending down annually, while non-bas site consumption has been trending up.

Methodology:
An analysis of the actual energy bills for over 300 sites across the country over a five year period from 2010 to 2014 was completed. The Data was then normalized by square footage
This allowed a National and Provincial Average Consumption for BAS and Non-BAS sites to be determined.

Conclusion:
The Analysis showed that the Average Annual Electricity consumption of sites with Remotely Monitored Building Automation Systems is 17.76% Lower than sites without BAS. This represents a saving of 2.82 Kwh per Square Foot .

Conversions:
For a 25,000 Square Foot site, this equates to:

Average Annual Saving of 70,500 Kwh

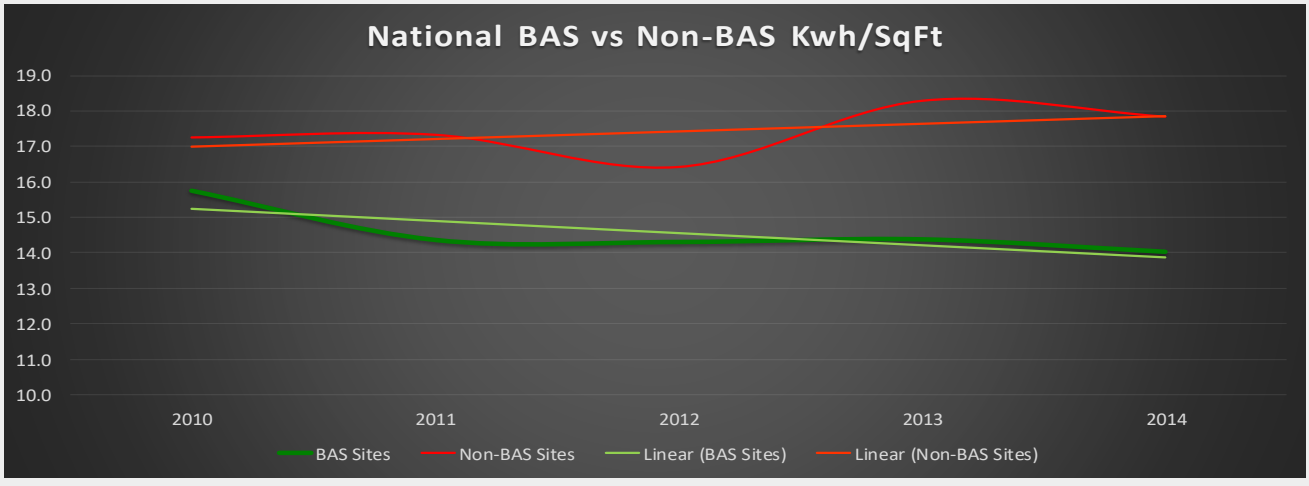
At $0.10/Kwh this would amount to annual per site savings of $7050.00

This is equivalent to:

Annual CO2 Emissions Reduced by 48.6 Metric Tons

Removing 10.2 cars driven for a year
1246 Trees growing for ten years.

In a multi-site retail portfolio of 100 Sites the savings could be as much as $705,000 annually.



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