

EnergyPrint Feature Review – Weather Normalization

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A building’s energy use and expense can be impacted by many factors, including seasonal swings in weather. In fact, the impacts of weather can even mask or falsely inflate the benefits of energy efficiency projects. EnergyPrint offers a powerful and simple to use Weather Normalization tool that enables you to measure and visualize energy performance independent from the effects of weather.



Weather Factor ?

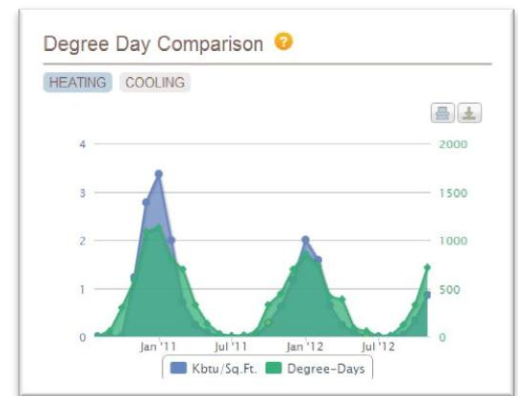
Does weather significantly affect this property's consumption?

Heating

Cooling

What is It?

By correlating specific energy use to local weather data, EnergyPrint’s Weather Profile provides the next level of energy performance diagnostics. It helps identify if and when a change may have occurred and where to focus your next level of investigation; either proving a project is performing as expected or identifying an opportunity to improve.



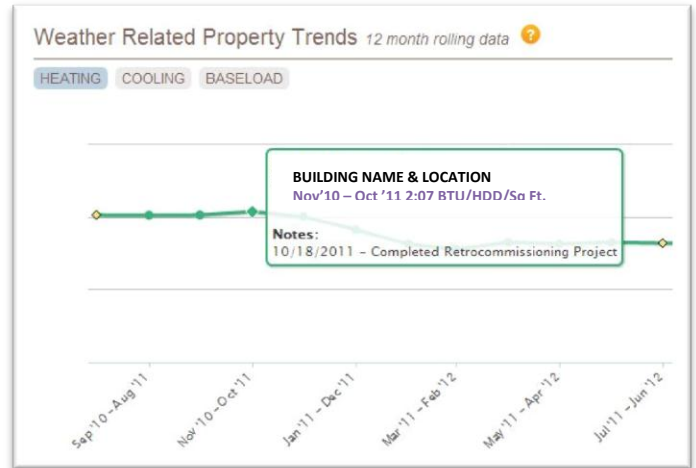
What are the Benefits?

The Weather Profile is another great tool to add to the EnergyPrint suite helping you answer key business questions including:

Key Business Question	Weather Impact on Key Business Question
How are my buildings doing?	Is weather impacting energy performance?
Is my energy use getting better or worse?	Eliminating effects of weather, is energy use getting better or worse?
Where are my opportunities for energy savings?	Are heating, cooling, or baseload activities driving changes in energy use?
Have my past energy improvements paid off?	Are the projects implemented decreasing respective energy use?

How do I Use It?

1. Does weather impact heating and cooling performance?
 - a. Look for a ✓ indicating a strong relationship between weather and energy use, or a ✗ indicating something other than weather is more significantly impacting energy use
2. Review “Weather Normalized Data” for year over year changes in performance by heating, cooling and baseload categories
3. Look for consistent trending on the Weather Normalized Property Trends graph.
 - a. If trending horizontal, then the property is consistently consuming energy as predicted with changes in weather
 - b. If trending up or down, look back to the point of change and inquire what operational or mechanical changes may have taken place, or provide a recommendation to investigate
4. Tag findings as a “Note” on the Property Trends graph and, if applicable, contact EnergyPrint to simply adjust the baseline period for Cost Avoidance tracking



If you would like to learn more about how to use EnergyPrint’s Weather Profile to help you Find, Track and Prove energy savings, contact your EnergyPrint Account Team at any time.