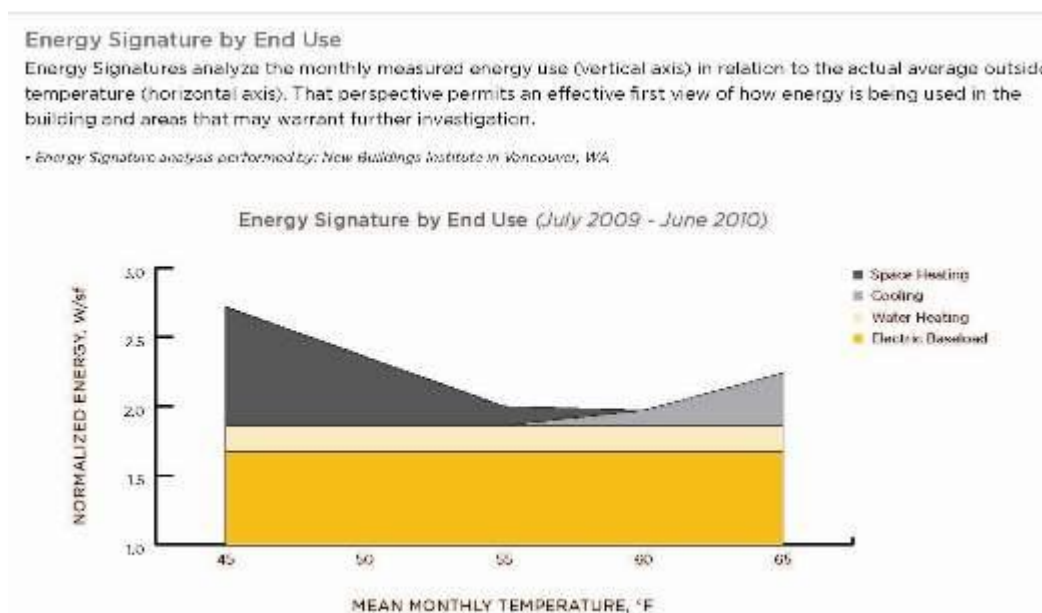


FirstView Case Study: USGBC Building Performance Program

FirstView™ has been tested on over 200 LEED buildings involved in the U.S. Green Building Council's Building Performance Partnership (BPP). BPP is a voluntary program designed to improve the performance of green buildings by providing a platform for tracking, benchmarking and analyzing building performance data.

USGBC's Building Performance Partnership used the FirstView calculation engine to analyze energy use patterns and predict end-use breakdown. Owners and design teams were able to use the energy signatures and FirstView analysis to better understand how energy is being used in the buildings. This perspective permits an effective First View that can direct attention to areas that may warrant further investigation.



In addition to revealing an approximate distribution of energy end-use breakdown, FirstView allows for a variety of comparisons. Annual data can be compared to that from the prior year to reveal energy-use patterns. In one project, performance improvements due to HVAC equipment optimization and rezoning were easily observable.

FirstView also allows for the comparisons to performance characteristics of other comparable LEED buildings. The anonymous data is aggregated into a group of

buildings that NBI refers to as the 'LEED BPP spectrum.' When co-plotted with the individual building's unique energy signature, one gains an intuitive understanding of how it compares to other LEED buildings.

NBI, USGBC and the BPP participants continue to grow the BPP infrastructure and data sets to allow for ease of comparison between buildings. As data sets grow, they can be aggregated to highlight for even more specific comparisons. For example, spectrums could be organized by location, building size, occupancy, LEED rating system and certification level. The data sets will also contribute to the development of high performance building benchmarks.

Learn more at www.usgbc.org/bpp

See a sample report at www.usgbc.org/ShowFile.aspx?DocumentID=8978