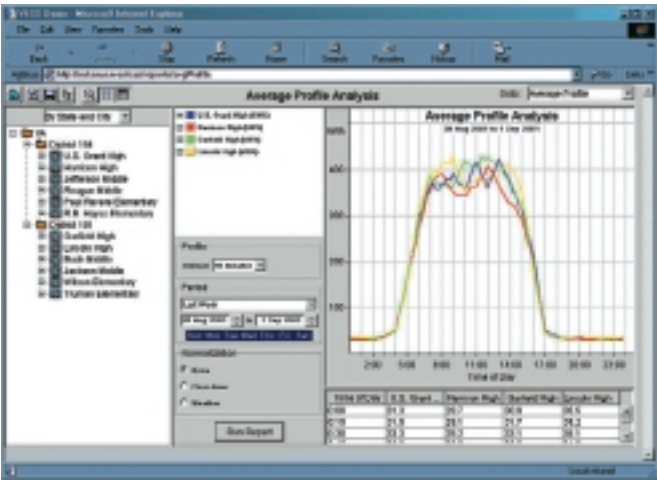


Tridium's Energy Profiler is an advanced, user-friendly energy-profiling tool designed to help you manage your enterprise. You can trend and analyze digital or analog data values such as energy, temperatures, production, and facility data. Depending on the combination of values and report selected, you easily can identify correlations to see how building characteristics and equipment affect energy consumption and demand profiles. Armed with such information, you can adjust operations and schedules accordingly. Essentially, each report has the flexibility to analyze an unlimited number of values, and turns raw data into useful information for easy interpretation. Fully Web-based, intuitive navigation tools make it easy for you to get the information when you need it, where you need it. Now you have the energy and operational information you need to optimize facility performance.

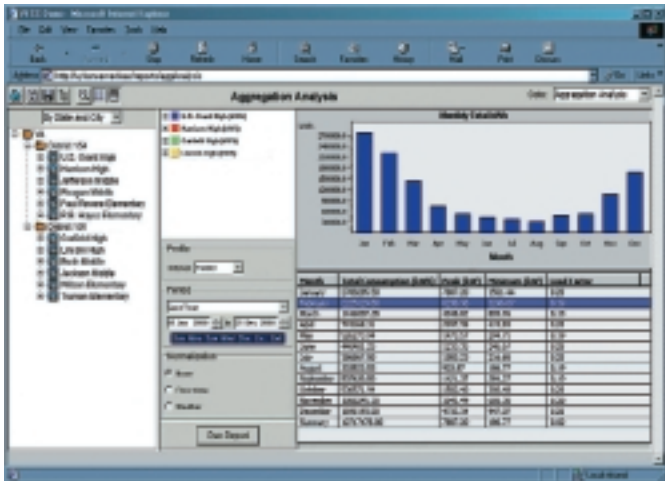


Average Daily Profile

The Average Daily Profile is useful when negotiating energy contracts. By understanding energy consumption patterns, you have the information necessary to negotiate an energy contract tailored to the unique needs of your business. Because Energy Profiler gives you the ability to define parameters such as time periods, measurement units, facilities, and more, you can identify unfavorable peaks and patterns, adjust behavior, and create an energy procurement strategy instead of hoping for the best. Having this information reduces consumption volatility, and makes your load more attractive for energy providers, which can reduce your energy costs.

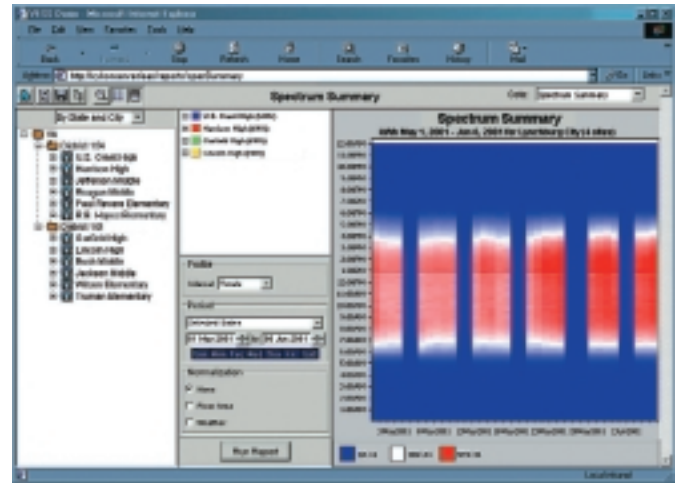
Aggregation Analysis Report

Aggregation Analysis is another report useful when negotiating energy contracts. This report aggregates multiple points and displays the total, peak, minimum, and load factor for various sites, meters, time periods and commodities. Use this information to increase total energy procured and determine complementary loads to improve your load factor and enhance your negotiating position. This information allows you to negotiate a contract based on your consumption patterns versus arbitrary classifications of commercial or industrial customers.



Spectrum Summary Report

The Spectrum Summary Report provides a quick view of any point or aggregated point with color coding identifying the reasonableness of the data value. Information in this report is presented in a colorful fashion, making evaluation quick and easy. If all data values are within historical ranges, the report colors will be in a consistent pattern and the user can move on to other functions. If there are unusual or inconsistent values, the pattern will not be consistent and you will know with a quick glance that further analysis is required.

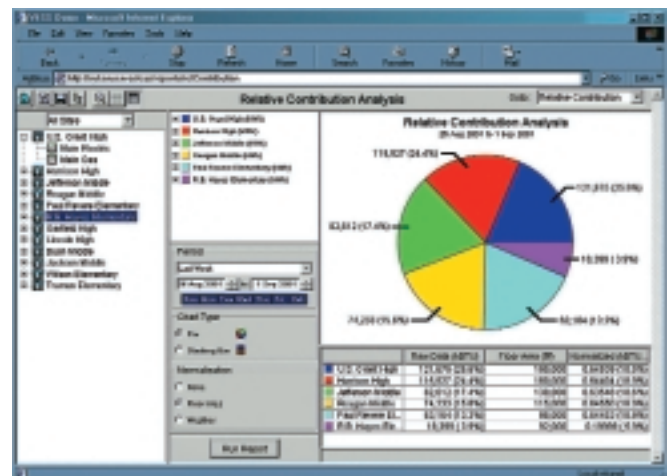


Enterprise Ranking Report

The function of this report is to identify the highest and lowest sites or points with a common characteristic. You can identify the most efficient facilities in your enterprise and benchmark against other facilities, or determine the least efficient facility and perform further analysis. Energy managers also use this report to rank lighting, HVAC, and refrigeration strategies within your enterprise. With this information, you can identify best in class equipment for energy consuming loads and reduce energy consumption across the enterprise.

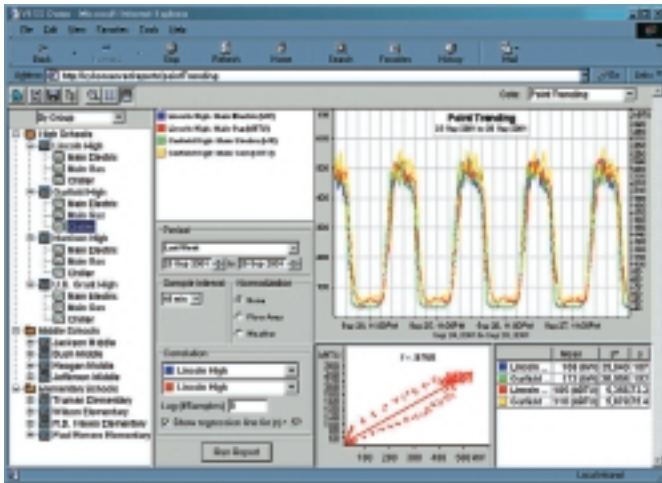
Relative Contribution Report

Once facilities are identified as inefficient in the Enterprise Ranking Report, energy managers can determine which equipment contributes most to the total at that facility. Users select a series of data points and run a Relative Contribution Report, which calculates the total consumption and displays the individual contribution of each underlying component. Use this report to determine how appliances within a building contribute to the total energy load at a facility or see how different buildings contribute to an aggregated load. This becomes especially powerful when normalized for square footage and weather. Armed with this insight, you can identify the most logical place to allocate capital expenditures.



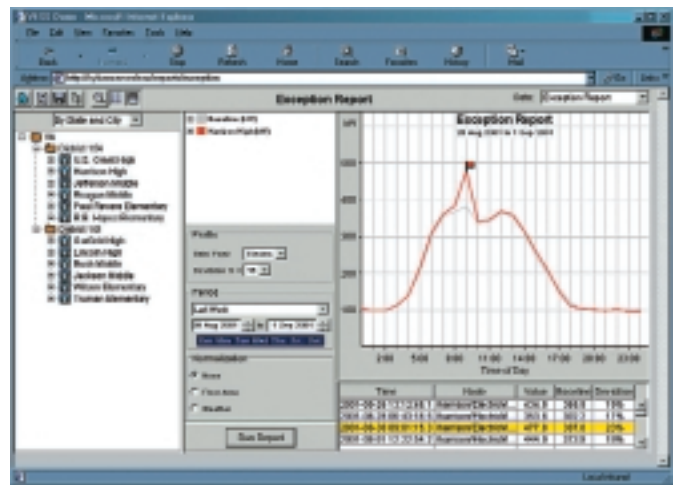
Point Trending Report

Trend lines are very useful in showing a graphical representation of multiple data values. Energy Profiler allows you to select any points or series of points and provide trend lines over a specified time period. Any data value in the database can be trended for any period of time. You have the option of converting different measurement units for gas, electric, and temperatures into a common measurement unit to perform analysis on the “normalized” data, or you can maintain data in its natural state. For example, you may want to convert gas and electric to KBtu to determine the most efficient energy mix, but maintain intrinsic values for temperature and consumption to determine a correlation between outdoor air temperature and electric consumption. With this feature, you can do things like identify best practices for fuels and see how building characteristics affect consumption.



Exception Report

This report will identify all data values for the specified period that do not fall in a user-defined range. When there are excessive values for any data point, the user can identify exactly when it occurred and the value of the event, and analyze the value further to make sure the event isn't repeated. The data can be normalized for weather and production to reduce false positives.



Equipment Operation Report

Once the Relative Contribution Report identifies the points contributing most to a total, the Equipment Operation Report gives you the ability to run exceptions on that equipment to determine run times compared to similar equipment in the enterprise. With Energy Profiler you can identify run times of various points such as HVAC, lighting, fans, refrigeration, chillers, and more. Results are expressed in both time and percentages, and shown in tabular and graphical format. With this information you can determine if your equipment run time is in line with the manufacturers' specifications and schedule maintenance accordingly.

