



Manage and Save

You manage human resources, space, raw materials, production, finished goods, etc. But when it comes to electric, gas, water and sewer utilities, you probably just pay the bills because you don't have enough information to manage them. Visualized Energy delivers the information and advice you need to manage utilities and reduce expenses.

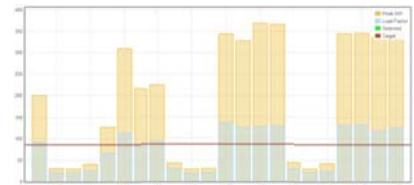


Interval Data

Knowing when utilities are consumed or used is the first step in managing them. Visualized Energy Interval Data Recorders track utility use in real time, periodically uploading usage data to the web site. The web site displays graphs of utility use. Month and day bar charts make it easy to spot trends in average and peak demand. Day graphs show actual consumption. And data can be exported to Microsoft Excel for further analysis.

Conservation, Peak Demand, and Power Factor Management

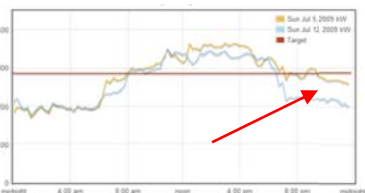
Visualized Energy graphs and analysis reveal opportunities to conserve arising from improper shutdowns, leaving the parking lot lights on during the day, forgetting to back out temporary power increases that kept production lines running until failing equipment was repaired, and so on.



Many electric utilities charge for peak demand—the highest use in a 15, 30 or 60 minute interval. Reducing peak demand can generate significant savings. Visualized Energy graphs show when peak demand occurred and where to redistribute the demand to reduce the peak. Visualized Energy can help prevent new peaks by predicting them in real time and signaling automated systems to cut back.



Many utilities also charge when the power factor falls below a set level like 95%. When this happens it can go unnoticed until the electric bill is read. Visual Energy initiates real time power factor alerts.



Advice

Once the data needed to manage is available, the next step is to decide what to do. Visualized Energy analyzes the data over time and helps you proactively reduce utility expenses.

Custom Solutions

In addition to monitoring revenue meters, Visualized Energy supplies and monitors a variety of digital and analog sensors for air pressure and flow, temperature, electric circuit metering and many other applications.