

Finding Peak Demand

Case

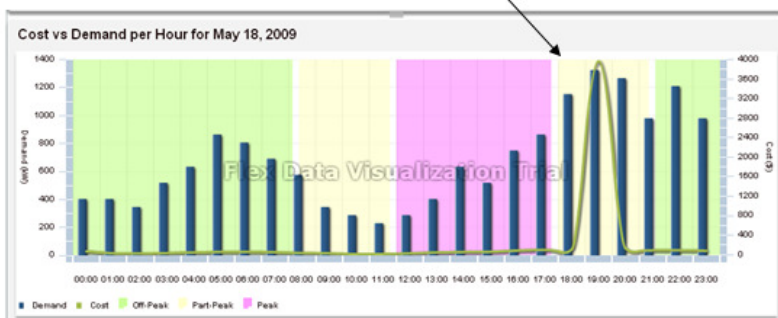
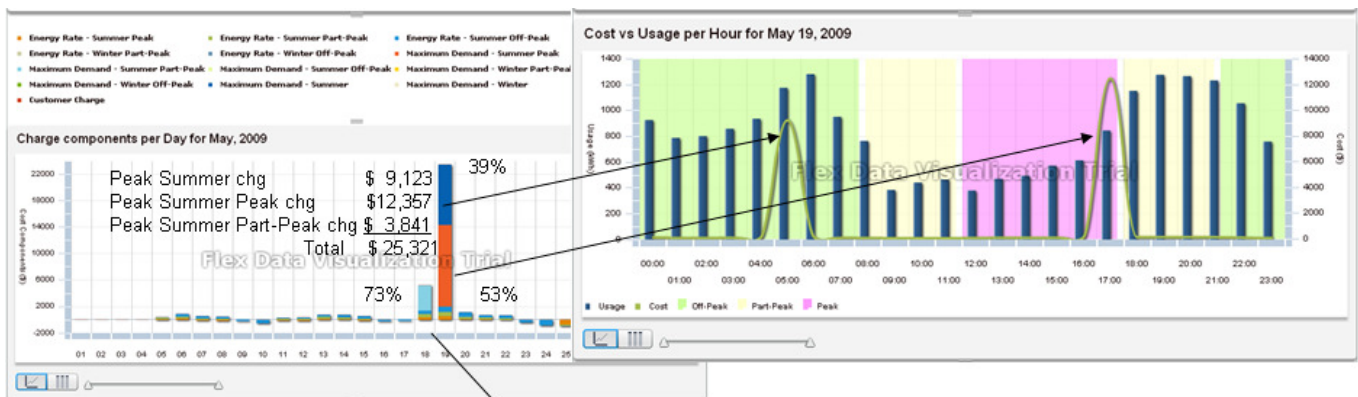
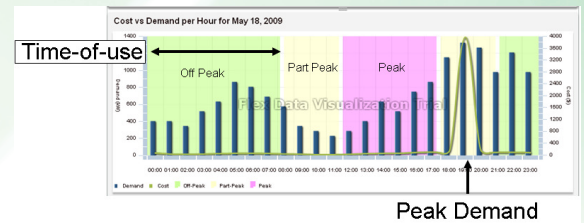
A large manufacturer had engaged in several projects to reduce energy costs; however they were struggling with their peak demand charges. Peak demand charges do not typically appear on the utility billing with their specific time and date of occurrence. The client was unable to take action to reduce the peak charges without details of the occurrence, these charges represented about 60% of their electric utility charges.

Lesson

Helio Energy Solutions determined the load-use profile for the facility using the PowerAdvisor™ intelligent monitoring system with a cost module to determine the peak charges and time of their occurrence.

Utilities bill commercial customers for Time-of-Use (energy used through out periods of the day charged at different rates) and for the Maximum Demand (over a 15 minute period for as many as 3 different peaks and charges throughout the month). The results identified when each of the peaks occurred and their cost, permitting Energy Solutions to build an energy management plan to mitigate maximum demand charges.

Use intelligent monitoring to identify and manage all components of energy costs then, verify results real-time.



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