

## USSI MDMS COMPLEX RATE MODULE

Time Of Use (TOU) / Critical Peak and other Complex Rate Structures

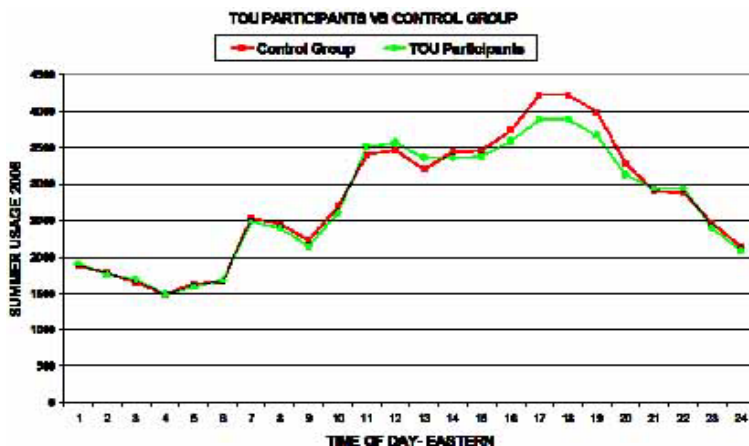
### USSI AMR ANALYZE MDMS

**Powerful Repository and Estimating:** AMR Analyze MDMS software provides a powerful yet economical repository for AMI data complete with Validation and Editing features. The MDMS systems assures the quality of data and fills in missing data. The system provides backup of the AMI data with scheduled scripts so that your valuable data is safe and secure and ready for use to enhance the value of your AMR System for Billing, Customer Service, Operations, and Engineering. Please refer to the separate brochure for more information on the **AMR ANALYZE MDMS System**.

## Apply/Analyze Complex Rate Structures

### USSI MDMS COMPLEX RATE MODULE

In addition to these valuable applications, the benefits of the USSI MDMS can be extended with the **USSI MDMS COMPLEX RATE MODULE**. This module allows the utility to implement complex rate structures such as Time of Use and Critical Peak rate programs and analyze their effects. The module can be configured for alternative rate structures with calendaring for holidays and multiple rate classes. It can be used to compare different rate structures over rate class or over time. Load analysis can be presented on easy-to-use reports/graphs for multiple rate classes such as TOU participants versus a "flat rate" control group. Historical energy usage and billing data for a user or a user class is available. Reports on the amount of energy used for each hour of day for each participant in a rate class are readily available in standard file formats such as comma delimited or Excel. Standard analysis and query tools are available. USSI will develop custom reports for the utility upon request.



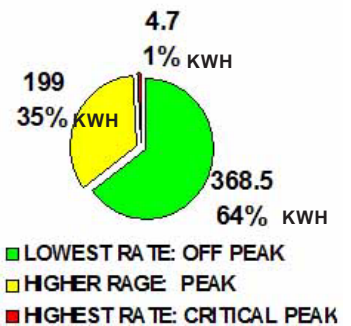
## USSI MDMS CUSTOMER PORTAL MODULE

Communicate Dynamic Information to the Residential Electric Energy Consumer

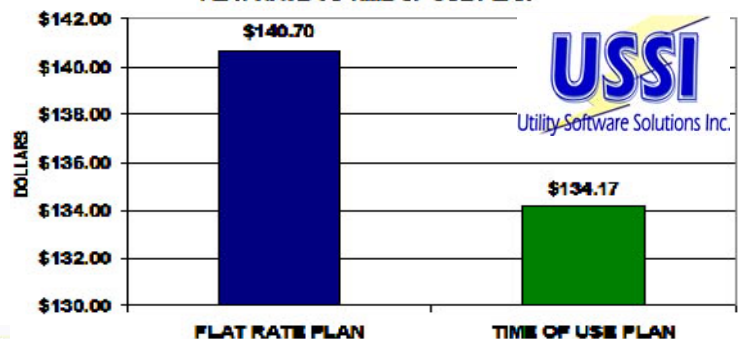
### USSI MDMS CUSTOMER PORTAL MODULE

**Track and Manage Energy at the Residence:** The information needed by the Residential Electric Energy Consumer to understand and analyze his energy demand and consumption is available via the **USSI MDMS CUSTOMER PORTAL MODULE**. Using secure internet access, the user can do "what-ifs" to help select or evaluate a rate plan, evaluate energy usage by rate, compare his energy usage against the utility's average customer, etc. The web site uses questionnaires to gather "My Home" information on energy loads such as the type of heating/cooling, electric/gas water heater, size of the residence, etc. The web portal provides the customer with information regarding his consumption and cost, provides basic electric energy usage concepts, and provides tools such as an energy calculator to help with his decisions as to how to shift or reduce load especially in peak or critical peak periods. Web users are presented with summary information with more detailed analysis on linked web pages. Customers may also provide other feedback regarding their participation in Time of Use or other programs via the web. Non-internet users may provide information in response to printed mail surveys and receive information via direct mail or in their billing statement. Such information is presented in summary form on the printable Adobe PDF energy analysis page for inclusion in the customer's monthly bill. To accommodate the fast response requirement of a Critical Rate component, the portal uses alternative methods to contact and inform the customer including: contacting the broadcast news media, cellular text messages, emails, and supported "in home" displays.

MY ENERGY USAGE BY RATE



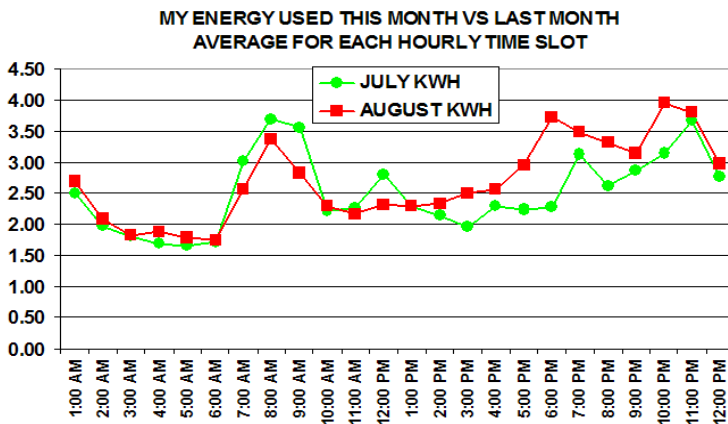
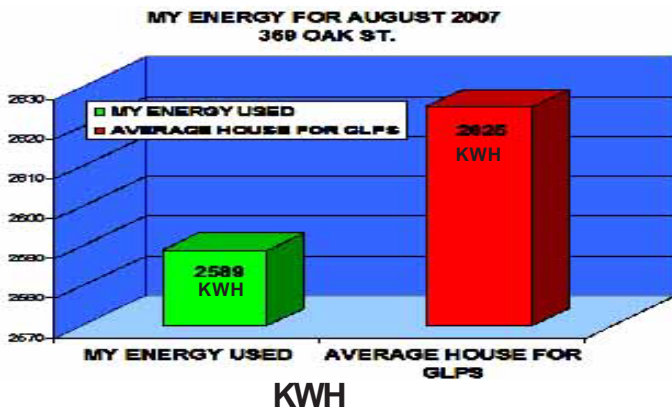
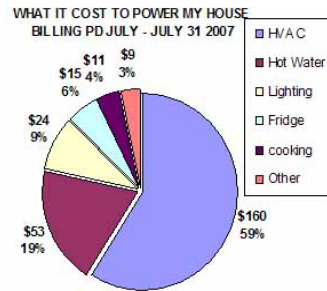
MY JULY 2007 ENERGY COST COMPARING FLAT RATE VS TIME OF USE PLAN



## MORE FEATURES

### Analyzing the Energy Costs

The Customer Portal Module provides the residential energy user with web pages containing information important to the understanding of the various factors affecting his power bill. USSI will customize basic web pages at additional cost for the utility. Modifications can include information from the utility's eBill system. Using the "My Home" survey information, the software presents a breakdown of energy charges for HVAC, water heating, lighting, refrigeration, etc., aimed at helping guide energy consumption going forward. This information includes comparisons of energy usage with the previous billing period for the total period or for each hourly period. In addition to energy consumption, factors such as days in the billing period, weather effects, and effects of the rate plan are analyzed.

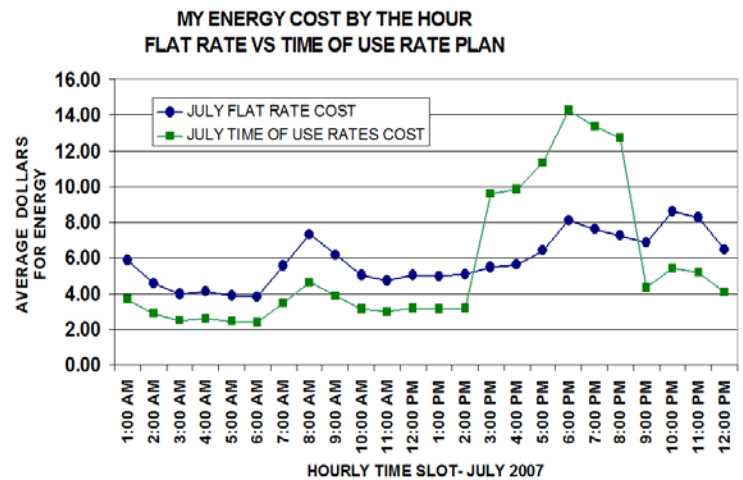


### Communicate Dynamic Information

The customer portal module is a valuable addition to any utility with AMI data providing the residential energy consumer with details of his energy consumption or other utility performance indicators. The information can be the communication component of a complex rate plan such as Time of Use or Critical Peak rate structures, or it can be used by the utility for improved customer service. The portal module allows the utility to communicate dynamic information, whether it be on the web, or by automatically generated customer-requested emails, or cellular text messages. All of the personal data for the web is user-name and password protected. All residential energy user pages, charts, and printed materials are designed to be easily read and understood by a typical residential electric energy consumer.

### Increase AMR ROI and Improve Customer Service

The USSI MDMS software benefits the utility by greatly extending the value of the AMI data. The low initial cost, flexibility, and scalability of the system makes it particularly suited for energy studies, promotional programs, and pilot programs that may grow into full system implementation. For only a small fraction of the cost of the AMR system, the utility can gain tremendous value in the form of improved billing, improved customer service, improved operations, and improved engineering resulting in a significant gain in the return on the AMR investment.



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