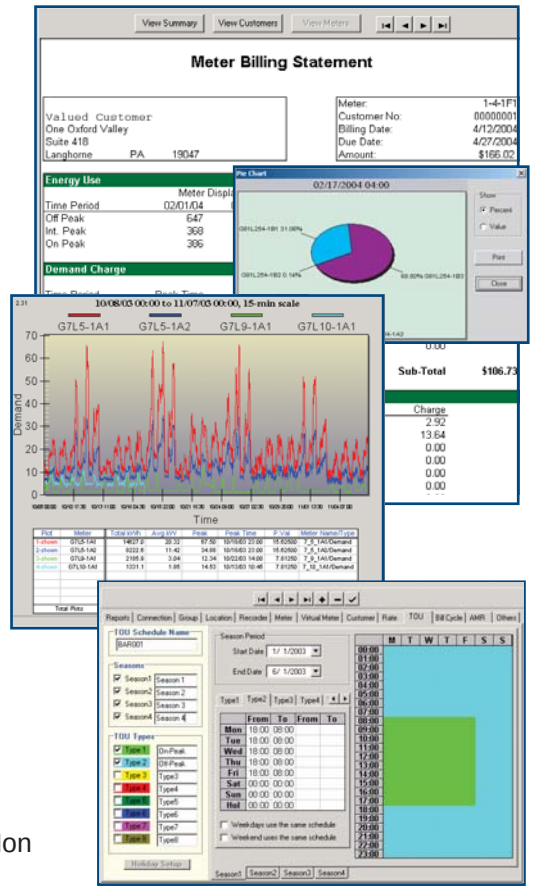
E-Mon Energy Software
Server Version

E-Mon D-Mon
Energy Monitoring Products & Systems

E-Mon Energy software is an energy-monitoring system that allows users to read and monitor energy consumption easily and effectively via on-site or off-site non-dedicated computers. The software allows the user to generate graphs and profiles of energy data for demand analysis and usage reduction. E-Mon Energy will also generate itemized tenant electrical bills for tenant allocation, departmental allocation, and usage verification. Communication options include Telephone, Ethernet, Internet and Wireless.

Features



- E-Mon Energy software operates with computers having the following specifications:
  OS: Windows 2000, 2003, XP or 7
  RAM: 4GB Hard Disk: 100GB
  Ethernet: Static IP address with port 12005
- Graphic profiling provides analytical charts and graphs with demand profiling for 5-, 15-, 30- or 60-minute sampling rates.
- Generate and print itemized electric bills (using coincidental peak demand date and time). Software will generate bills from user-specific time periods via profile data (you need not be present to generate meter readings).
- Reads up to 8 time periods, 4 seasons and multiple holidays for time-of-use (TOU) monitoring.
- Reads E-Mon D-Mon® meters, either on-site or off-site, via modem, Ethernet, wireless or a directly connected computer.
- Optional wireless metering allows users to remotely read Class 2100, Class 4100 E-Mon D-Mon meters and E-Mon third-party wireless socket meters via Internet, Ethernet or telephone communication. (Additional components required.)
- Reads all E-Mon D-Mon meters via IDRs and Class 3200/3400/5000 meters directly. Can also read gas, water, BTU and steam meters via IDR for billing purposes & graphical displays of usage.
- Exports data to spreadsheets for analysis (*.csv files).
- Exports data to MV-90 system (*.hhf files).
- Optional modems can be used with E-Mon Energy allowing meters to be read anywhere in the world where telephone or cellular service is available.
- Meter reading and billing services are available for both E-Mon D-Mon and utility-type meters.

Model Numbers

*EMONENERGYSW-SERVER (Software)
RS232K (E-Mon Energy Key)
USBK (USB Key)
EKM-T (Telephone Key/Modem)
EKM-E (Ethernet Key/Modem)

*E-Mon Energy software packages includes USB Key (RS-485 to USB converter.)

E-Mon Energy Software Specifications-Server Version

E-Mon Energy software shall operate with a PC with the following minimum specifications:

- CD-Rom Drive
- Color Monitor
- Real-Time Clock
- 4 GB RAM, 80 GB Hard Drive Space Available
- (1) RS-232 Serial or USB port, Modem or Ethernet
- Microsoft Windows XP or Windows 7

E-Mon Energy software shall provide for reading kilowatt hours and demand from the IDR or wireless data collector connected to E-Mon D-Mon meters and provide this information for analysis and/or billing.

E-Mon Energy software shall be capable of reading “real-time” data from Class 3200/3400/5000 meters (kW, kVAR, kVa, Amps, Volts, Power Factor and Frequency.)

E-Mon Energy software shall be capable of reading utility type meters via IDR interval data recorder such as gas, water, electric, BTU, steam, etc. equipped with a pulse output.

E-Mon Energy software shall be capable of printing out electric bills and usage information.

E-Mon Energy software shall have graphic capabilities (profile) to provide analytical charts and graphs, with demand profiling for 5-, 15-, 30- or 60-minute sampling rates.

E-Mon Energy software shall be capable of supporting declining block tariffs, up to eight time-of-use rates and up to four seasonal rates.

E-Mon Energy software shall provide file export to spreadsheets for specialized applications.

E-Mon Energy software shall be capable of reading gas, water and other meter types with pulse output.

E-Mon Energy software shall be capable of supporting 1,000 locations.

E-Mon Energy software shall be capable of exporting MV-90 (hhf) files.