

The
“ENERGY EXECUTIVE
III”®

For Windows 2000/XP

From



The “ENERGY EXECUTIVE III”® is a multi-faceted Windows 2000/XP GUI with communication drivers for many common BMS networks. Used as an on-line, user interface it provides many sophisticated scheduling and data tracking features without even one line of custom programming.

Standard software features include:

1. Sophisticated, easy to use time-of-day scheduling of all system points from one grid (daily, holidays an special events)
2. Temperature set point editing for all system points from one grid
3. Automatic Optimum Start algorithms
4. Manual Overrides
5. Alarm Reporting
6. Duty Logs and Trend Logs for all system points without custom set up
7. Sub-metering (kWh, kW, Gas, Water, BTU, etc.)
8. Tenant initiated after-hours overrides and billing
9. Configurable graphic displays

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After-Hours Tenant Overrides

In multiple tenant commercial applications, the “ENERGY EXECUTIVE III”® can be configured to provide tenant access to timed overrides through a standard touch tone phone interface. Using recorded speech waveforms, the system will prompt the occupant through simple selections to activate overrides. Only loads in the overridden area and necessary common loads are affected and runtime and/or consumption data is logged as it occurs. Billing for these after-hours overrides is handled automatically and can be processed on site or from a remote location through standard, voice grade telecommunication lines. Tenant charges can be based on time, calculated consumption or actual metered energy use. All common, shared load usage is automatically allocated on a pro-rata basis dependent upon override times and square footage of occupancy. There is even an optional shared “building use” charge to recoup after hours expenses not related to HVAC or lighting.

Interoperability

EBC specializes in integration of multi-vendor control hardware. Software drivers for the “ENERGY EXECUTIVE III”® have already been written to communicate with products manufactured by:

1. Teletrol Systems
2. Honeywell
3. Opto22
4. Allen-Bradley
5. Automatrix
6. Any LonMark compatible product manufacturer
7. Johnson Metasys N2

Drivers under development or being converted from DOS products include:

1. Andover 256
2. BACnet

Combining the open architecture of the “ENERGY EXECUTIVE III”® with the Open Port Bus capability of the Teletrol product line can lead to creative interoperable solutions for complex building control applications. Applications of this technology have led to the integration of microprocessor controllers for York Chillers, Trane Chillers, Trane Rooftop Units, Triatek Lighting Controllers and other unitary controllers.