



**IN CONTROL**®

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# Reduce Energy Cost in Government Buildings

The rising energy expense line is driving cities and counties of all sizes to look anew at energy usage. **I'm in Control**® provides cost-effective energy management for existing office, public and school buildings that have no Building Management System. These are typically under 50,000 square feet, including modular buildings. The low capital expenditure can be recouped in 12-24 months as utility costs are reduced 10-25% without affecting the day-to-day experience of personnel and the citizens they serve. At the same time, these carbon reductions contribute to meeting legislated environmental goals, and serve as a powerful example to residents for reducing their personal energy usage. **IIC** enables facilities personnel to reach these objectives and reduce truck rolls without the training required by today's complex and expensive building control systems designed for large buildings. These capabilities are available for both wholly-owned buildings and leased spaces.

- **Start with detailed monitoring of current usage:** Using inexpensive power monitors, the **IIC** system can track the in-depth usage of energy, including heating, cooling, lighting, and specific equipment. The **IIC** system learns the usage patterns and assists in identifying waste in both total usage and individual loads.
- **Add automatic control:** The initial review process defines targets to automate for quick payback. The **IIC** system controls those loads with reliable, inexpensive control devices which are widely available and non-proprietary. The Artificial Intelligence adjusts temperature and power using actual and forecasted activity, not constant times like simple setback thermostats or many current, simplistic systems. All of these actions are automatic — no manual involvement after installation.
- **Reduce maintenance calls, truck rolls and cost:** The system provides central facilities management a continuous view into all **IIC**-controlled premises. When it detects an equipment or usage problem, it sends an alert. Remote maintenance personnel can then troubleshoot, control equipment, and often close the trouble ticket without a truck roll. This is particularly effective for “too hot” calls and public recreation facilities with erratic occupancy schedules.
- **Respond to utility pricing and alerts:** Most facilities can voluntarily choose electric rate plans, already mandated in some states, which reward everyday savings and response to summer emergency peaks. The **IIC** energy management solution can maximize savings on these plans; simply configure it and then forget it — except for the reduced energy bills.

## This is different from what cities and counties can buy today

The **IIC** system is fundamentally different from both simple devices like setback thermostats or timers and from other automation products in cost, intelligence, and ease of use. It is based on an intelligent system that makes sophisticated decisions instead of simplistic “if/then” rules and allows anyone to define various situations without computer expertise. The low cost and wide availability of the sensors and devices allow more to be utilized, resulting in greater cost savings with less impact on people. Bottom line, it provides Building Management System capabilities for HVAC, lighting, and equipment in mid-sized buildings that cannot cost-justify other comprehensive solutions.