

EntroPBC®

Even as the digital world evolves, we still live, work, and play in buildings. In commercial buildings especially, the well-being and comfort of occupants is a key contributor to productivity and tenant satisfaction. Delivering an optimal indoor environment with reduced energy consumption sustains a best-value business model for building owners and managers.

Green Power Labs has spent a decade conducting leading research in solar forecasting, predictive analytics, artificial intelligence (AI), and site-specific meteorology. The result is a break-through climate control technology for building owners and managers that delivers the benefits of **Predictive Building Control (PBC)** quickly and simply. No up-front investment required.

While most energy management solutions focus on energy consumption analytics, our proprietary cloud based **AI SaaS platform will use site-specific weather analytics, historical data, and occupant inputs to proactively guide your existing building energy management system (BEMS), optimizing its operation.**

EntroPBC® delivers consistent occupant comfort, keeping interior spaces within a narrow range of temperature and relative humidity, while reducing HVAC energy costs by up to 40% after the system has had time to refine its model of your building's behavior. (Yes, up to 40%; we have the data to prove it!). Tenants remain comfortable and productive while optimal building performance is maintained at significant cost savings.

EntroPBC® can directly and immediately begin reducing operating costs and carbon footprint, whether you're managing a single building or an extensive real estate portfolio.

EntroPBC® has been tested successfully at the 100,000 SF LEED Gold Mona Campbell building in Halifax NS. Although this was an efficient new facility, with an annual HVAC energy consumption rate of 127kWh/m², we were able to reduce the HVAC energy consumption by 40% over the 5-month test period. The implementation was simple and required no up-front investment by the client.



Contact us at info@greenpowerlabs.com so we can discuss your **EntroPBC®** implementation options and estimate your potential savings.

