



ADVANCED ENERGY MANAGEMENT LTD

Putting our **energy** into saving yours

Commercial Heating and Cooling Systems

MANAGING ENERGY FOR BUILDINGS



“Within one month of AEM installing the Alerton Building Management System, and servicing our building, occupant comfort increased significantly, and energy usage dropped by 40%. Our tenants are very pleased which makes me happy.”

*Anthony Streach, Property Manager
Mapleton Place Developments*

The heating and cooling systems in commercial buildings account for a large part of the buildings energy usage. The control system is a major factor in how efficient these systems work. Buildings that have our Alerton Control system that we support typically use 20% to 40% less energy than other buildings.

Our Team

- Energy Advisors
- Alerton Building System Analysts
- HVAC Field Specialist

Our Vision

Utilize our Knowledge of heating and cooling systems, combine it with best available control technologies to create the most efficient buildings in our local market.

Moncton, NB: (506) 857-0818, inquiries@aemltd.com • **Dartmouth, NS:** (902) 453-4498, inquiries@aemltd.com

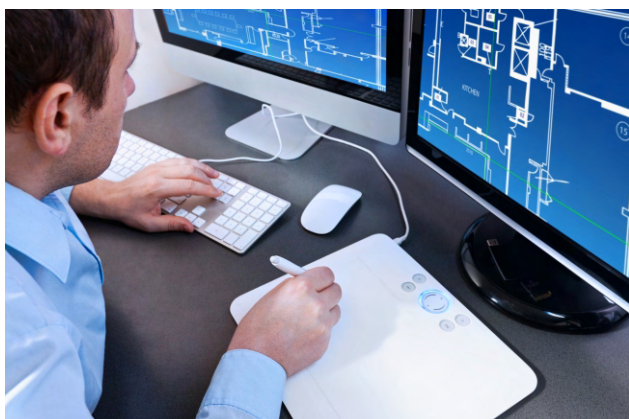
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ADVANCED ENERGY MANAGEMENT LTD

Putting our **energy** into saving yours
**Institutional and Industrial
Central Heating and Cooling Plants**

OPTIMIZING CENTRAL ENERGY PLANTS



"We selected AEM as our System Integrator for three large steam plants serving major hospitals. Their ability to utilize new automation technology along with their incredible boiler industry knowledge to optimize the overall boiler plant allowed us to have a state of the art plant that is very safe, reliable, and efficient. The feature-rich operator graphics along with sophisticated energy reports makes my job easier to manage the plants. We continue to utilize AEM for ongoing service support for the steam plants and cooling plant. They provide great service."

*Brian Lavers, Capital District Health Authority
Manager, Plant Operations*

Producing steam, high temperature hot water, or chilled water requires specialized knowledge in combustion, boilers, chillers, process controls, burner management systems, fuels, instrumentation, emissions, as well as codes and standards.

Our Team

- Engineers and Project Managers
- Combustion and Instrumentation Field Specialist
- System Integrators
- Industrial Electricians

Our Vision

Central Energy Plants which our teams provide support service: • Use less energy • Have a high degree of reliability and safety • Utilize best available innovative technologies for overall plant optimization • Provide Chief Engineers and Operates with powerful visualization tools for monitoring and managing energy • Have documentation for training, calibration, and combustion testing to fully demonstrate due diligence.

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SERVICE



Within one month of AEM installing the Alerton Energy Management System and servicing our building, occupant comfort increased significantly and energy usage dropped by 40%. Our tenants are very pleased, which makes me happy.

*Anthony Streach, Property Manager
Mapleton Place Developments*

Your building's control system is the nerve centre of all your heating and cooling systems. It is, and will continue to be, the major factor in occupant comfort and energy efficiency.

Our Team

- Energy Advisors
- Alerton Building Systems Analysts
- Field Specialists

Our Vision

Buildings in which our team maintains the Alerton Building Management System as well as the Heating and Cooling Systems—

- Use less energy
- Have higher occupant comfort
- Have lower maintenance costs

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RETROFIT / NEW CONSTRUCTION



"I selected AEM based on competitive pricing and overall ability to get the job done. At the time, we were constructing multiple buildings over a two year period and we needed a building controls supplier that could work in a fast paced environment. The team at AEM delivered a quality system and they continue to provide great customer support today."

*Gary Tibbo, Shannex Health Care
Director of Asset Management*

The control system is the nerve centre of all the heating and cooling systems in a building. It will be the major factor in occupant comfort and energy usage for many years.

Our Team

- Energy Advisors
- Controls Application Specialist
- Alerton Building System Analysts
- HVAC Field Specialist

Our Vision

Consultants, Contractors, building owners, who engage us to install an Alerton Controls System:

- Find us very knowledgeable and easy to deal with
- Can rely on us to look after their building's systems during and long after the warranty period
- Have peace of mind that the building will be comfortable for occupants and that we will optimize energy usage
- Respect the fact that we own up to mistakes and fix them

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