
"Green" building for meeting needs of customers and employees

Categories : [News](#), [Plant Construction](#), [Engineering & Components](#), [Processing Technologies](#)

Date : 12. May 2022

Endress+Hauser Canada has built one of the "greenest" company buildings in the country for 20 million euros. The newly opened customer and training center in Burlington/Ontario, located around 50 kilometers southwest of Toronto, is energy self-sufficient and CO2-neutral. A process engineering training facility, a large calibration laboratory, a workshop, a training center and around 120 modern workstations have been accommodated on 4,400 square meters of floor space - double the previous location.

The company has had its own sales company in Canada since 1990, serving customers from Manitoba to the Atlantic provinces. The employees at the headquarters in Burlington and in branches in Montreal, Calgary and Edmonton are supported by various representatives. Whether basic materials, metals & mining, oil & gas, food, chemicals, life sciences, water & wastewater, energy & power plants - virtually all industries are at home in this resource-rich country.

New building stands for brand values

"The customer and training center is an impressive example of Endress+Hauser's global strategy of building and maintaining customer partnerships. This is how we grow, in Canada and around the world. It shows our commitment to customers and our dedication to sustainability."

- Matthias Altendorf, CEO

Statement to the public

"The new building should express our aspirations as a company - to our customers, but also to the public as a whole," emphasizes CEO Anthony Varga. During the planning process, the focus was on the needs of the customers. "We can support customers here in the best possible way throughout the entire life cycle of their facilities. We offer a welcoming environment and set standards with the ecological building design."

Practical training

At the heart of the new building is a process training unit; the second facility of its kind in Canada. Such Process Training Units (PTU) exist at Endress+Hauser sites around the world. At these pilot plants, customers can practice using a wide range of measuring instruments. They benefit from the long-standing partnership with Rockwell Automation and other manufacturers. Customers can thus simulate conditions on the plant that are similar to their own operations.

Renewable energy

The Group places great emphasis on sustainability and energy efficiency in construction projects all over the world. The new building in Canada covers its electricity needs via 800 solar modules on the roof.

These can generate around 408,000 kilowatt hours of electrical energy per year. This exceeds the building's needs, so electricity can be fed into the grid. A geothermal system extracts heat via 50 wells from a depth of 180 meters and distributes it throughout the building via 63 heat pumps.

Sophisticated architecture

South-facing windows on the upper floor capture sunlight, and the triple-glazed facade prevents heat loss. A four-meter-high ficus tree in the atrium improves air quality and symbolizes the "green" idea. Thanks to all these measures, the building is one of the greenest structures in the country. It is the first private company to seek all three certifications from the Canada Green Building Council: the Net Zero Energy and Zero Carbon Building Standards, and Leadership in Energy and Environmental Design (LEED) Gold.