

## **Building automation, metering and lighting control system will help Earth Rangers attain LEED Platinum certification**

Schneider Electric has donated a building automation, metering and lighting control system worth \$375,000 to help Earth Rangers upgrade their building from a LEED Gold to a LEED Platinum certification, and make their facility energy - and carbon-neutral.

Through school shows, community events and on-line programs, Earth Rangers makes children aware of the impact that humans have on the environment, inspiring them with a lasting passion to build a green future. “The fact that our building is 80% below the national average energy usage of a standard building sets an outstanding example of the mindset we want to encourage in children”, says Peter Kendall, Executive Director, Earth Rangers. Indeed, green building design students and professionals from around the world visit the facility to study its energy-efficient design and operation. “But, if we want to set the standard for how to operate a truly energy efficient, ‘green’ building, it’s vitally important that we continue to reduce our facility’s energy usage.”

This is why Earth Rangers asked Schneider Electric to install TAC building automation hardware and software, power monitoring and energy management tools, and PowerLink/Clipsal Lighting Controls.

“To upgrade our building from LEED gold to LEED platinum, we’re going to have to continue to reduce energy usage”, explains Mr. Kendall. “Schneider Electric’s building automation/energy management system will help us achieve this goal. It will give us a much better view of where energy is being used in our facility and the intelligence to help us optimize energy usage to the point where we are completely self-sustainable.”

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ is a third-party certification program and an internationally accepted benchmark for the design,

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construction and operation of high performance green buildings. There are four levels of certification - certified, silver, gold and platinum.

The Schneider Electric building automation/energy management system will also enhance Earth Rangers' worldwide attraction as a demonstration site for new and emerging environmental technologies. "What's missing in the marketplace is a site where you can evaluate how a new technology interacts with existing building technologies to drive energy conservation", explains Mr. Kendall. In addition to providing visibility to Earth Rangers' building control and energy usage system, the Schneider Electric system will allow real-time, on-line monitoring of the building, creating a virtual center to expand the Earth Rangers' visibility and learning opportunities.

"We are delighted to be able to help Earth Rangers achieve energy self-sufficiency", says Leonce Fraser, Vice President, Schneider Electric Canada.

For more information contact

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