



Perley Rideau

The Perley and Rideau
Veterans' Health Centre

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Perley Rideau Goes Green

NOVEMBER 26, 2013 --- The Perley and Rideau Veterans' Health Centre (Perley Rideau) today announced the completion of a comprehensive Energy and Facility Renewal Program. Perley Rideau engaged Honeywell, a leader in technology and energy solutions, to design and implement the program.

The improvements to the infrastructure, introduction of high efficiency systems including solar power generation, is expected to lower carbon dioxide emissions by 320 metric tonnes annually – equivalent to removing 53 medium size cars from the road each year according to figures from Environment Canada.

The overall project cost was \$6.6 million with annual savings of close to \$370,000 in utility and operational costs. In addition, energy generated from the solar photovoltaic system is expected to yield \$239,000 annually through Ontario Power Authority's Feed in Tariff program. The overall capital will be paid back in 11 years, with a simple rate of return of 9% on the investment.

"This is great news for Perley Rideau as we strive to become ever more sustainable," says Akos Hoffer, CEO of the Perley and Rideau Veterans' Health Centre. "Not only have we improved comfort for our residents, but we have also optimized energy management while upgrading our facility infrastructure. "

A wide range of energy and infrastructure upgrades were implemented to reduce operating costs and enhance the indoor environment for our residents. The upgrades included:

Solar Generation system – The use of 1,200 solar panels that have the capacity to generate approximately 249.5 MWh of electricity per year, enough to power 27 average households. These have been installed away from view on three of four Perley roof tops this summer.

High-efficiency Central Heating and Cooling Plant – The new high efficiency central heating and cooling plant will improve heating and cooling reliability while reducing operating costs. Residents, staff and visitors can see the new plant in operation by viewing via windows in the Perley Rideau Centre – Gatineau corridor.

Water conservation – Five hundred and fifty toilets and washroom fixtures have been replaced with low flow type models which will reduce water costs by 1/3. Annual water usage will drop by close to 21,000m³, enough water to fill approximately 8.3 Olympic size pools.

Together... we improve the well-being of the people we serve

Automation of HVAC controls, high efficiency lighting, air flow controls and a variety of other initiatives were also completed within the overall program.

“We are very proud to work with Perley Rideau, an organization that has taken a proactive approach to environmental responsibility and energy consumption,” said Luis Rodrigues, vice president of Energy and Environmental Solutions for Honeywell. “The retrofit and facility renewal program has contributed to the Health Centre’s goal of reducing energy use and carbon emissions, which ultimately benefits the residents, staff and visitors, as well as the surrounding community.”

Information or to arrange an interview:
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