



Windsor Hospital Helping Patients and the Environment

Windsor Regional Hospital

Windsor Hospital is a multi-site health service organization that provides Acute Medical and the Surgical Services to 400,000 people in Windsor and Essex County.

Over the past several years, Windsor Regional Hospital has committed to incorporating energy management into their daily activities. Due to their ongoing commitment, they were the first recipients of EnWin Utilities' Green Star Award for recognition of their contribution to helping the environment. This was accomplished by implementing an energy management strategy that addressed not only their energy consumption but also their impact on the environment.

The focus was on objectives that would help the hospital reduce its operating costs without compromising patient care. Being a 24/7 facility with unpredictable occupancy rates, priority is given to patients and not adjusting patient care around energy consumption.

To ensure that all areas of energy management were being covered and that there would be systems in place to encourage continuous improvements over time, Windsor Regional Hospital participated in 360 Energy's Sustainable Energy Planning Program. The program helped to confirm and benchmark their progress based on other hospitals throughout the U.K. and North America. Completed objectives were the installation of a reverse osmosis water treatment system, automatic conductivity meters, occupancy light sensors, a large scale lighting retrofit switching over 2,800 T12 light fixtures to energy efficient T8 light fixtures, a condensate recovery system and installing water saver toilet flush valves. These initiatives resulted in an ongoing annual reduction of over 600 KW of electricity, 2.2 million liters of water and 98,000 m3 of natural gas. After going through the program, Windsor Regional Hospital also developed a plan to ensure that energy saving initiatives continued over time.

As part of the public service market, hospitals have always functioned with limited funding. With energy costs rising and budget allotments shrinking, the need for an effective and sustainable energy management program is vital.

Visit: www.360energy.net | www.wrh.on.ca | www.enwin.com

360 Results

Industry: Health Care Service Provider

Size: Multiple facilities in Windsor and Essex County

Energy Champion: Eric Card, Director of Engineering

360 Program Adopted: Sustainable Energy Planning

"The key to moving forward is to work on elements we can change and more importantly, maintaining what has already been implemented. Overall, we're extremely pleased with our success and we will continue to do our part to improve the environment."

- Eric Card, Director of Engineering, Windsor Regional Hospital



See what Windsor Hospital and EnWin Utilities had to say!