



Envinity Performs Energy Efficiency Work for New Berlin Borough

March 23, 2011 – The New Berlin Borough contracted with Envinity to perform select building performance work to continue to reduce energy costs at two Borough-owned facilities.

This is part of the Borough's continued commitment to the New Berlin Energy Independence Project, a groundbreaking initiative that is taking a community-wide approach to energy conservation and efficiency. Envinity performed the following measures for the Borough Building and the Community Center in New Berlin:

Borough Building

- Installed a hot water tank digital timer to prevent the tank's heating elements from turning on during unoccupied periods
- Installed a heat pump programmable weekday/weekend thermostat that will allow the Borough to program temperature set-backs during unoccupied periods
- Sprayed foam air sealing under the existing insulation layer to block all air passages that remove conditioned air from the work space to the attic.

Community Center

- Sprayed foam air sealing under the existing insulation layer to block all air passages that remove conditioned air from the work space to the attic.
- Installed a hot water tank digital timer to prevent the tank's heating elements from turning on during unoccupied periods
- Blew in loose fill fiberglass insulation into a 4" front wall cavity located between the original exterior brick and the newly renovated interior wall system.

These installed measures along with several other energy management actions taken by the Borough at these two facilities are projected to reduce energy consumption by 7,380 kWh.

Additionally, the Borough took action to replace incandescent flood light fixtures with LED equivalent flood lights. They also locked out back-up electric resistance heat from their heat pumps to reduce energy consumption and demand charges.