

Award Recipient of the ENERGY STAR Challenge for Industry



Columbus Facility
BD Medical
1852 10th Avenue,
Columbus, NE 68601

In 1949, BD began operations in Columbus, Nebraska with its first manufacturing facility outside of the company's original location in New Jersey. Henry Becton and Fairleigh Dickinson, Jr. considered sites in 30 states before deciding on Columbus, Nebraska. Impressed by the work ethic of the residents, BD purchased a 24,000-sq. ft. building and hired 15 people to manufacture glass fever thermometers. Today, the BD Medical - Medical Surgical Systems (Columbus West) facility occupies 522,000 square feet and employs over 830 associates. This site is BD's largest worldwide producer of needles and saline syringes. BD is a leading global medical technology company that manufactures and sells medical devices, instrument systems and reagents.

The Columbus facility achieved the ENERGY STAR Challenge for Industry in 2012. The plant reduced its energy intensity by 14.9% in two years, avoiding greenhouse gas emissions in the amount of 4,277 metric tons of CO₂e. Energy achievements were accomplished through lighting and HVAC upgrades, and improvements to the compressed air system. In addition, the Columbus facility offsets 100% of their electricity use with renewable energy. Projects implemented include:

- Upgrade of lighting fixtures throughout the entire facility
- Installation of heater bands and blankets on select equipment
- Installation of variable frequency drives (VFDs) on pumps
- Air compressor sequencing

BD has established an Energy Management Standard at the company level. Regional energy teams are in place to facilitate progress toward meeting BD's energy goal of reducing consumption 30% by 2015 (normalized to cost of goods sold, from baseline year 2008). All associates are encouraged to provide suggestions of potential projects to reduce energy usage.

For more information contact:

Scott Hudson

BD Medical – Medical Surgical Systems

Manager Energy, Emissions and Facilities / Engineering

E-mail: shudson@bd.com