

Award Recipient of the ENERGY STAR Challenge for Industry



Juncos Facility
BD Medical
Road 31, KM 24.3
Juncos, Puerto Rico 00777

BD began operations in Puerto Rico in 1957 when the company constructed a new manufacturing facility in the town of Juncos, about 20 miles south of San Juan. The BD facility in Juncos employs approximately 230 associates. In 1987, the Juncos facility began manufacturing specialty needles and now produces anesthesia, radiology and biopsy needles, as well as valves, caps and adapters. BD is a leading global medical technology company that manufactures and sells medical devices, instrument systems and reagents.

The Juncos facility achieved the ENERGY STAR Challenge for Industry in 2012. The plant reduced its energy intensity 19.3% in two years, avoiding greenhouse gas emissions in the amount of 779 metric tons of CO₂e. Energy achievements were accomplished through lighting and HVAC upgrades, and air handling control improvements. Projects implemented include:

- Installation of T-8 high output lights on the production floor, reducing energy use and the quantity of light fixtures needed.
- Installation of motion sensors for lighting control
- Repair of air leaks to reduce compressed air demand and reduction of main air pressure

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