

Award Recipient of the ENERGY STAR Challenge for Industry



Sandy, Utah Manufacturing Site
BD Medical
9450 S. State Street
Sandy, UT 84070

The BD Medical facility in Sandy, Utah is one of the largest of over 50 BD manufacturing locations worldwide, spanning 600,000 square feet with nearly 1,000 associates. The Sandy site was originally founded as Deseret Pharmaceutical in 1956. It was purchased by Warner Lambert in 1977 and later acquired by BD in 1986. BD is a leading global medical technology company that manufactures and sells medical devices, instrument systems and reagents. Products manufactured at BD Medical in Sandy, Utah include; IV catheters, blood collection and surgical devices for health care markets.

BD Sandy achieved the ENERGY STAR Challenge for Industry in 2011. The plant reduced its energy intensity by 13.5% in three years, avoiding greenhouse gas emissions in the amount of 363 metric tons of CO₂-e. Energy achievements were accomplished through lighting upgrades, filter upgrades, and air handling control improvements. In addition, this facility offsets 100% of their electricity use with renewable energy. Projects implemented include:

- Installation of motion sensors wherever possible combined with installation T-5 and T-8 high output lights, reducing energy use and the quantity of light fixtures needed.
- Updated mechanical control sequences to reduce system energy.
- Installation of air side economizers on HVAC equipment.
- Repair of air leaks to reduce compressed air demand and adjustment of pressure requirements.

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). The Sandy, UT facility also has a local Energy Team to identify and implement energy saving ideas. All associates are encouraged to provide suggestions of potential projects to reduce energy use.

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