



“Today’s customers are very focused on sustainability and require us to pursue environmentally and socially conscious options over our product lifecycles. This partnership with Bloom Energy will help us meet the demands of our customers and the industry, and significantly improve upon the sustainability of our business.”

– Dennis James, ASP Facilities Manager



PART OF THE *Johnson & Johnson* FAMILY OF COMPANIES

Industry

Healthcare and Medical Devices

Headquarters

Irvine, CA

Web site

www.aspjj.com/us

Bloom Installation

500 kW

January 2015

Irvine, CA

Advanced Sterilization Products (ASP) Installs Johnson & Johnson’s First Bloom Energy Project

Sustainability supports innovation across Johnson & Johnson (J&J) and drives value. J&J has set ambitious goals to reduce the company’s carbon footprint by 20% by 2020 as well as deploy 50 MW of on-site renewable and clean-technology energy capacity. Advanced Sterilization Products, a division of Ethicon, Inc. (ASP) is the first J&J franchise to partner with Bloom Energy.

Why Bloom?

ASP designs and manufactures medical device processing products and solutions for hospitals and healthcare facilities around the world. As ASP evaluated the various energy options for its Irvine site, carbon reduction was an important factor as well as improving the resiliency of the facility. The Bloom Energy project could provide reliable and predictably priced power even through grid outages. In addition, the Bloom project met the 15% IRR criteria to qualify for the J&J carbon reduction funding program, making the economics of the project even stronger.

Implementation

The 500 kW Bloom Energy Servers installed with uninterruptible power modules (UPMs) will provide 25% of the ASP daily energy consumption and generate an estimated \$10 million over the 20 year life of the project. Not only does the project represent a 22% reduction in CO₂ emissions as compared to the electric grid currently in use in Irvine, but it also offers increased electrical reliability and improved energy security.

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