

# Global energy savings programme



## ABB helps a global pharmaceuticals company identify \$14 million annual savings.

The client operates a number of pharmaceutical manufacturing and research facilities worldwide. They had a vision to be recognized as an industry leader in the area of energy management.

This was underpinned by a corporate commitment to achieve a reduction of 20 % in GHG (greenhouse gas) emissions by 2012.

To meet this challenge, ABB Engineering Services were selected as a strategic partner to provide the resources and complementary expertise to support a global utilities operational assessment programme.

### Benefits

- In excess of 400 improvement opportunities identified totalling \$14 million. With 98 priority 1 opportunities identifying savings of \$9M and 85 priority 2 opportunities amounting to savings of \$4M
- Strategic guidelines developed for utility operations
- Support for the continuous improvement of site utility operations across the organisation
- Energy performance benchmarked against best practice
- Utility operations confirmed as a critical enabler for R&D and production objectives



“Your team has certainly earned our respect not only for the technical capabilities they’ve demonstrated, but also their overall professional conduct.”

“Thanks to ABB for continued strong focus on mining savings opportunities during the assessments.”

“A great team of professionals who have provided solid value as we partnered through the assessment process and the plant reviews.”

A global programme leader

## Solution

ABB Engineering Services provided an assessment of utility assets and operating practices across the customer's utilities network.

The aims were to:

- Ensure cost effective delivery of safe, reliable and high quality utility services
- Share the learning of best practice across the network

A total of 12 assessments were performed, focussing on the larger manufacturing and research facilities in the Americas, Europe and Asia. The assessments encompassed an analysis of both the technical and operational practices associated with utility supply and demand management.

The opportunity portfolio included energy saving projects within the following areas:

- Steam, boiler feed water and condensate
- Compressed air
- Cogeneration
- Chilled water / refrigeration
- HVAC
- Cooling towers / water treatment
- Electricity supply and distribution

The customer's assessment programme drew on ABB's global experience in energy efficiency and its methodology for Industrial Energy Efficiency, as well as its subject matter expertise in the following areas:

- Energy
- Water
- Fired equipment
- Building services
- Process and production machinery experience
- Maintenance and reliability
- Organisational development



For further information please contact:

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