"A particularly useful aspect of the audit was that after completing their written report Big Switch Projects presented their findings to Dexion's management team with a draft action plan for implementation. This enabled us to discuss the findings, project by project, review forecast costs and savings, as well as the potential for government funding support."

Mike Molyneux, Operations Manager, Dexion

INDUSTRIAL ENVIRONMENT

BUSINESS ENERGY EFFICIENCY PROGRAM

The Blacktown Solar City Business Energy Efficiency Program gives participants the analysis they need to cut energy costs and carbon emissions in cost effective, practical ways. BEEP lists energy saving opportunities with the estimated capital costs, energy savings, financial returns and carbon savings detailed in accordance with the Australian Standard. The Australian Government's Solar Cities program is a partnership between all levels of government, industry, business and local communities to trial sustainable energy solutions. Blacktown Solar City is one of seven Solar Cities established in key locations across Australia.

BEEP PARTNER

Dexion Limited

LOCATION

Kings Park, NSW

COMPLETED

2009

Blacktown solar city

Big Switch Projects™

OUR CLIENT

For more than 60 years, Dexion has been a market leader working with its partners to transform supply chain processes into better ways of doing business. Dexion manufactures and markets a broad range of products used in both industrial and commercial applications. Products include, pallet racking, shelving, cabinets and Compactus®.

www.dexion.com.au

IDENTIFIED PROJECTS

Recommended projects for the manufacturing plant include revisions at the paint lines, an upgrade of the high bay lighting system, as well as operational changes to the air compressors and manufacturing line procedures. Projects recommended for the stand-alone administration office at the site include a revision of typical building air conditioning hours, adjustment to the server room air conditioning, and a number of lighting upgrades.

THE BUSINESS CASE

With a simple payback of approximately five and a half years based on 2009 energy prices there is a strong business case for identified projects to be implemented.

BEEP HIGHLIGHT

"The team from BEEP took the time to understand our business to identify a broad range of fully costed, practical opportunities to improve our energy efficiency and reduce our carbon usage."
Mike Molyneux, Operations Manager, Dexion

For more information please follow this link:
www.bigswitchprojects.com.au/library.aspx

CAPITAL INVESTMENT	$441,000
ENERGY SAVINGS FORECAST	350,000 kw-hours per annum
OVERALL PAYBACK	5.5 years
CARBON EMISSIONS SAVINGS	1,000 tonnes CO_2-e

INDUSTRIAL ENVIRONMENT