

THE LIMELIGHT

LMS & HANSON LANDFILL SERVICES

LMS OWNS AND OPERATES THE WOLLERT RENEWABLE ENERGY FACILITY AT THE WOLLERT LANDFILL IN VICTORIA. OUR PROJECT PARTNERS ARE HANSON LANDFILL SERVICES AND INFRATIL ENERGY AUSTRALIA.

Commissioned in June 2006, Wollert is LMS' eighth renewable energy project. It has recently achieved an outstanding generation capacity figure of 98.5% of installed capacity, making it one of our best performing sites nationally. Increased volumes of gas flows resulted in the commissioning of a fifth module in August 2012, currently making the facility LMS' third largest site.

THE COMMISSIONING OF A FIFTH MODULE IN AUGUST 2012

The five x1.1MW modules generate approximately 43,500MW hours of renewable energy each year. To date, the facility has generated more than 180,000MW hours of base-load renewable energy, enough energy to power approximately 4,100 homes per year.

All electricity produced from the site is sold to Infratil Energy Australia, an owner and operator of businesses in the electricity sector. We continue to work with Infratil Energy Australia and thank them for their support over the years.

The Wollert Landfill has a gas extraction system comprising over 130 gas wells, utilising over 10,000 metres of pipe. This system is maintained under vacuum 24 hours a day, seven days a week, to ensure gas is extracted at the same rate it is produced. Over 108 million cubic metres of landfill gas has been collected and combusted since the facility began operation.

Hanson Landfill Services won the Landfill Gold Excellence Award in 2009 for the Wollert Landfill. This was awarded by the Waste Management Association of Australia (WMAA) for extensive environmental initiatives at the site.



BENEFITS OF THE WOLLERT RENEWABLE ENERGY FACILITY SINCE IT WAS COMMISSIONED IN 2006

*AS AT 31 AUGUST 2012

MW/H EXPORTED	180,000
GAS EXTRACTED	108,000,000 M ³
CO ^{2e} ABATED	936,000 TONNES
HOMES POWERED	4,100 HOMES PA
WATER SAVED	247,500,000 LITRES

In the same year a credible report by Hyder Consulting entitled *Comparative Greenhouse Gas Lifecycle Assessment of Wollert Landfill* considerably changed the waste debate, highlighting the best way to generate renewable energy from organic waste is by sending it to a well-designed and operated landfill. This report can be downloaded at lms.com.au.

THE BEST WAY TO GENERATE RENEWABLE ENERGY FROM ORGANIC WASTE IS BY SENDING IT TO A WELL-DESIGNED AND OPERATED LANDFILL

LMS would like to congratulate Divisional Manager **Sam Bateman** and Hanson Landfill Services for their ongoing dedication to a more sustainable environment. We look forward to enhancing our strong working partnership as the site continues to expand and produce excellent outcomes for the local community.

To find out more about our project partners please visit:

Hanson Landfill Services
hansonlandfill.com.au

Infratil Energy Australia
infratil.com