

## FACT SHEET

### BENDIGO RENEWABLE ENERGY FACILITY - LMS & CITY OF GREATER BENDIGO

The Bendigo Renewable Energy Facility was first commissioned in July 2008, and today has an installed capacity of 0.5MW. Since commissioning, the facility has exported 50,000MW hours of base-load renewable electricity, and created 50,000 Large-Scale Generation Certificates (LGC's).

On average the facility exports 4,000MW hours of reliable, base-load renewable electricity each year. This is enough energy to provide power to 700 homes or 1,800 electricity users in the local community 24 hours a day, 7 days a week. This is also the equivalent to charging 80,000 electric vehicles each year.

Operations and maintenance of the Bendigo Renewable Energy Facility is carried out by LMS' Victorian Operations Team.

#### ANNUAL BENEFITS OF THE BENDIGO RENEWABLE ENERGY FACILITY\*

MW/H EXPORTED	4,000
GAS EXTRACTED	1,120,000 M3
HOMES POWERED	700
CARS CHARGED	80,000
CO <sub>2</sub> e ABATED	13,800 TONNES
WATER SAVED	8,800,000 LITRES

ENOUGH ENERGY TO PROVIDE POWER TO AN AVERAGE OF 1,800 PEOPLE EACH YEAR



The Bendigo Renewable Energy Facility

Landfill gas is made up of approximately 50% methane which is a potent greenhouse gas. The Global Warming Potential (GWP) of methane is 25, which means it is 25 times more harmful than carbon dioxide. Without this project greenhouse gas emissions which occur naturally from the decomposition of waste at the Eaglehawk Landfill would be released into the atmosphere.

#### EXPORTED 50,000MW HOURS OF RELIABLE, BASE-LOAD RENEWABLE ELECTRICITY

This project is registered under the Emission Reduction Fund (ERF), and to date has been issued with 115,280 Australian Carbon Credit Units (ACCUs). From power generation activities alone the facility reduces nearly 13,800 tonnes of carbon (CO<sub>2</sub>-e) from being emitted each year.

When compared to a traditional coal-fired power station generating the same amount of electricity, the Bendigo Renewable Energy Facility also saves more than 8 million litres of water each year.

LMS is very proud to partner with the City of Greater Bendigo. Renewable energy plays a pivotal role in Australia's energy mix, and projects such as these continue to have a positive impact towards a less carbon-intensive energy sector. By working together, we play our part in delivering viable, environmental solutions.

To find out more please visit:

**LMS Energy**  
[lms.com.au](https://lms.com.au)

**City of Greater Bendigo**  
[bendigo.vic.gov.au](https://bendigo.vic.gov.au)