

LGI, Eastern Creek Landfill, Bingo, biogas project

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Glen Norris

25 October 2024



The Eastern Creek Landfill Centre now has critical gas infrastructure as part of an \$18.5m deal between energy provider LGI and Bingo Industries - which runs the landfill centre.

What a gas: Brissie firm LGI lights up Sydney with renewable energy

Brisbane-based renewable energy firm LGI is literally cooking with gas at Australia's largest landfill site, helping power the equivalent of at least 7000 homes each year.

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Business

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Brisbane-based renewable energy firm LGI is literally cooking with gas at Australia's largest landfill site with a new flare, 60 gas wells and biogas extraction infrastructure being installed at the Eastern Creek Landfill in Western Sydney to help power the

equivalent of at least 7000 homes each year as well as local industry.

The upgrades are part of an \$18.5m deal sealed earlier this year between LGI and BINGO Industries, which will see biogas extracted from the landfill and converted into renewable electricity via a four-megawatt renewable power station.

Potential for future expansion of the project is already under consideration including installing battery energy storage systems and further increases in generation capacity.

The electricity generated will supply power to BINGO Industries behind the meter at their Eastern Creek Recycling Ecology Park as well as via the grid to BINGO sites in New South Wales, with surplus green electricity fed into the National Electricity Market, powering the equivalent of at least 7000 homes each year.

LGI CEO Jarryd Doran. Picture:
Contributed

LGI chief executive **Jarryd Doran** says recent upgrades to the site allow LGI to capture more gas and increase the system's resilience.

In addition to powering the renewable electricity facility, capturing and using the biogas also helps mitigate unfriendly odours.

To date, 45,000 cubic metres of earth has been moved on the site allowing for civil works for the power station to commence, maintaining the target commissioning by mid-2025.

Doran tells your diarist that the multimillion-dollar upgrades will benefit both the environment and local community around the Eastern Creek site and the broader Blacktown region.

"To date, 17 new gas wells have been drilled, with 60 to be completed by the end of January," Doran says. He adds partnerships with multiple NSW councils had allowed LGI to reduce CO2 emissions by more than 1.13 million tonnes, which is the equivalent of planting 18.8 million seedlings for the next decade.

In Queensland, LGI operates biogas extraction facilities at Bunya, Dakabin and Caboolture Waste Management Facilities in Moreton Bay. Eight of the company's landfill sites around the country have produced more than 540,000MWh, which is more than enough electricity to power 93,000 homes for a year." Investors clearly like what LGI is doing with the share prices soaring almost 50 per cent to \$2.97 so far this year.





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