

Planning Application submitted for Energy Recovery Facility.

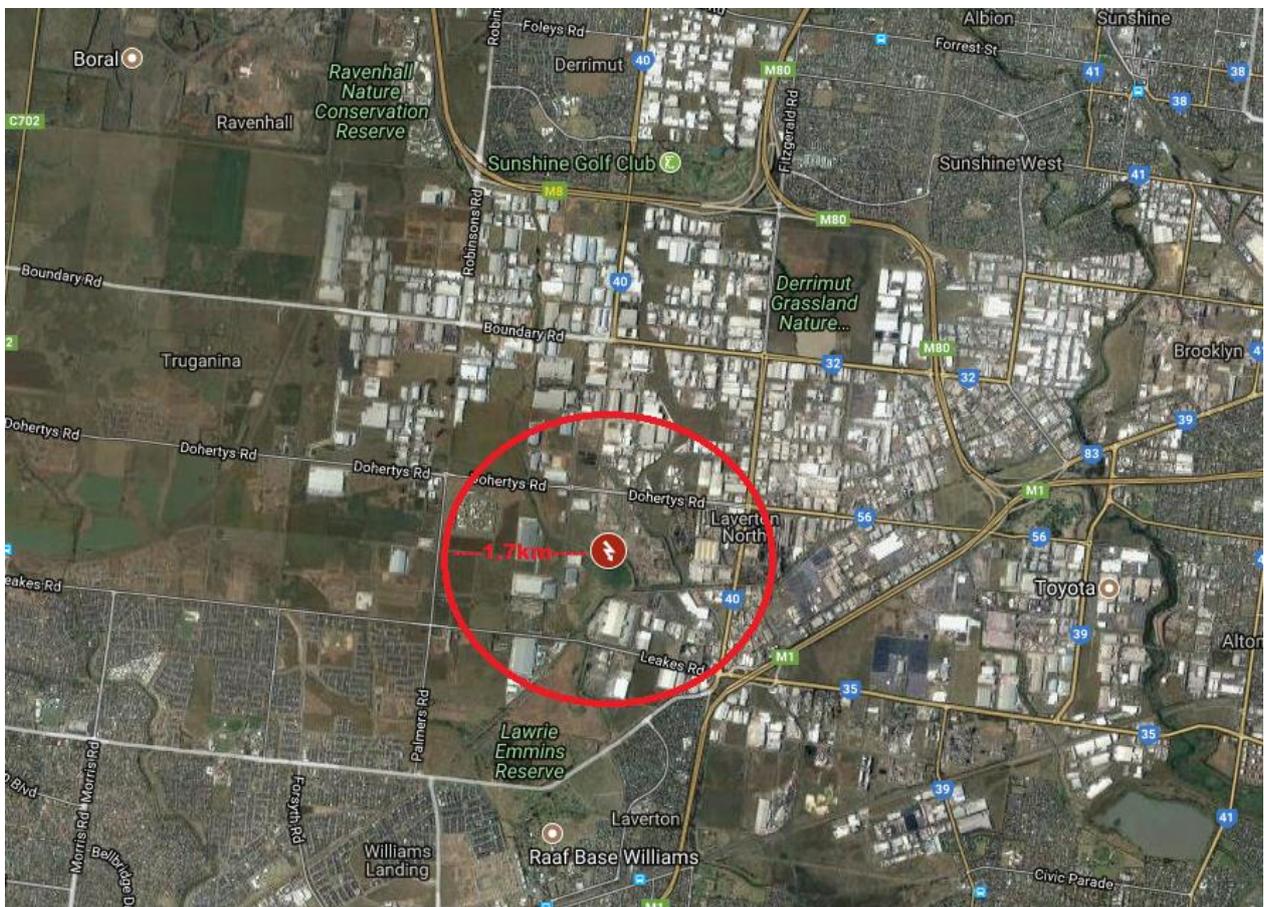
Recovered Energy Australia submitted a planning application to the City of Wyndham to construct a world leading high tech plant to convert 200,000 tonnes per annum of residual Municipal Solid Waste (MSW) gasification to energy (WTE).

The location selected by Recovered Energy Australia Pty Ltd (REA) as the site for its first residual waste gasification to energy plant is located on industrial zoned (IN2Z) land at 28 Alex Fraser Drive, Laverton North. It is a fully enclosed building with high speed roller doors and operates under negative air pressure. This ensures no odour from waste or noise is emitted from the plant.

The next step in the licencing & approval process is to submit an Environment Protection Victoria (EPA) Works Approval application to show that it meets the Victorian operational and environmental standards.

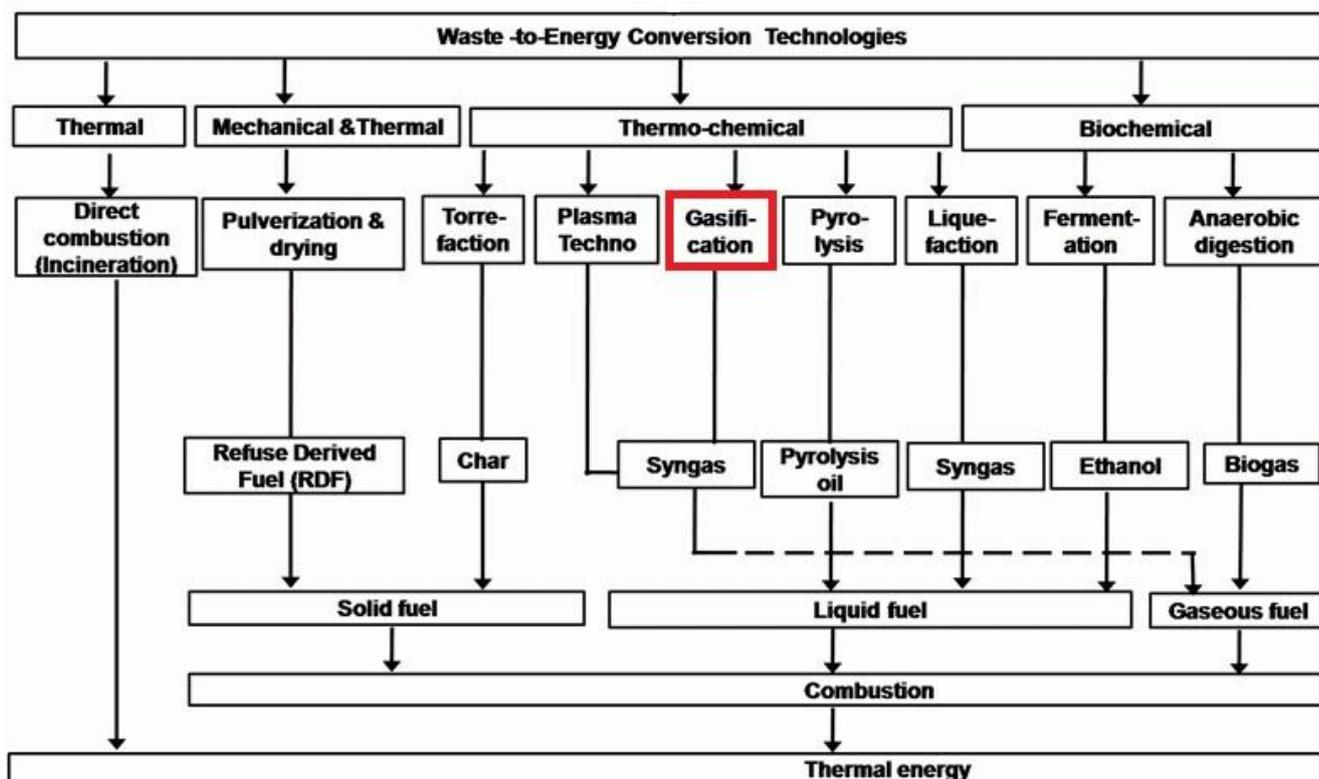
This Australian first gasification technology will divert more than 97% or 194,000 tonnes of waste that was destined to go to landfill and at the same time recover the energy from the waste. There will be 11-14% of the waste that is non-organic creating 30,000 tonnes per annum of slag which can be used for clean fill, road base, bricks or tiles.

Where is the Location of the Residual Waste Gasification to Energy Project?



Location of the Residual MSW Waste Gasification to Energy Plant.

What is the Waste Gasification to Energy Technology?



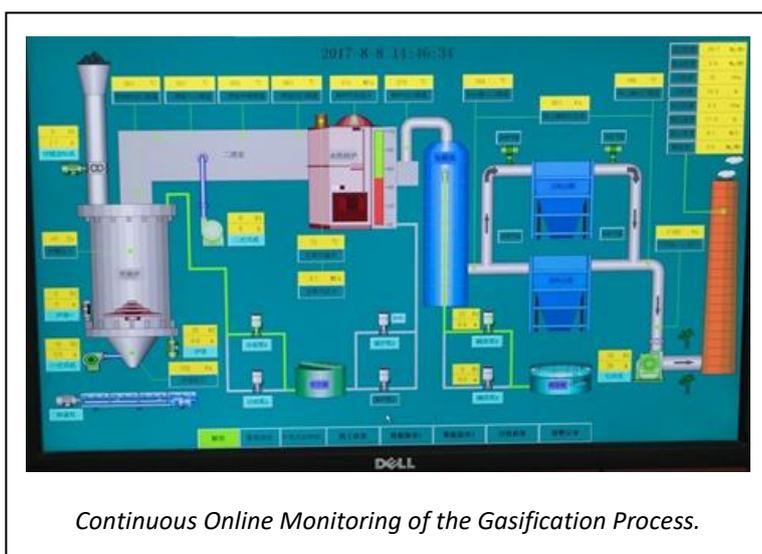
Gasification is a thermo-chemical process producing a syngas for generation of electricity.

Proven gasification technology has been selected for its superior environmental performance, its scalability and its ability to be commercially competitive with other waste disposal options. The controlled air and high temperature of the gasifier also creates a process that is unsuited to the production or reformation of unwanted emissions. The syngas is used to raise the process temperature to >1,100 degrees Celsius and this drives a steam turbine to generate electricity which is supplied to the local grid.

Emission levels are strictly adhered to through a constant and sophisticated online monitoring process to achieve very low levels of acid gases (SO₂, HCL, NO_x), particulates CO, volatile metals, dioxins and furans. The controlled air and high temperatures of the gasification process ensures emissions remain at the lower end of limits set by the EPA.

What will be the cost to process Councils residual Waste?

REA's residual MSW waste gasification to energy process is a *local solution to a local problem*. REA will only be able to service the residual MSW waste volumes from 3 or 4 Councils. This can be achieved at a cost competitive rate compared to the alternative waste disposal methods used by Councils.



Continuous Online Monitoring of the Gasification Process.

