

BIOENERGY



WESTERN WATER'S RECYCLED WATER PLANT, MELTON

Supported by the Victorian Government and Sustainability Victoria



Capacity: 0.2MWe (electrical), 0.27MWth (thermal)



Project cost: \$2,000,000



Technology: Microturbine



Fuel Source: Sewage gases



Commissioned: 2010

- Western Water's recycled water plant is a cogeneration facility that produces electricity and thermal heat that is captured and used by the digester to further improve its efficiency

BENEFITS

- Dual benefit of reducing methane emissions and generating renewable energy to power the Class A Recycled Water Plant
- Reducing carbon emissions from the treatment of recycled water by 1,800 tonnes a year
- Built by Aquatec-Maxcon, the plant uniquely harnesses microturbine technology, further reducing the energy needs of the plant



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