



BAIRNSDALE

CHP

**500
MWh**

Total electricity the new CHP is expected to produce over a year.

**98
homes**

Power expected to be produced yearly could power 98 Australian homes!

**485
CO₂e**

Total amount of carbon tonnes expected to be reduced from the electricity produced.

Our Bairnsdale Recycled Water Plant's Combined Heat and Power Unit (CHP) upgrades have been completed and the unit is now online. The new CHP unit is estimated to produce 500 MWh each year, enough to power 98 Australian homes yearly!

The CHP unit creates electricity and heat from the biogas produced at the plant by the anaerobic digestion process used to treat the wastewater. The electricity produced from the CHP will help to power the plant, with any excess being fed back into the grid. The heat produced will be used to maintain the digester's heat level for the anaerobic process.

This project is part of a series of projects to reduce net emissions by 44 percent by 1 July 2025 - a stepping stone to our 2035 net-zero target.

CLIMATE CHANGE PROJECT

BAIRNSDALE COMBINED HEAT AND POWER UNIT

