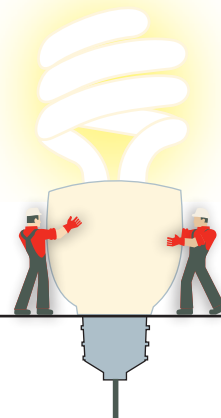


# Tamar Valley Power Station

## Tamar Valley



The Tamar Valley Power Station was commissioned in 2009 by then owners, Aurora Energy. Hydro Tasmania acquired the station in June 2013.

The station is located 'next door' to the now decommissioned Bell Bay Power Station in northern Tasmania. Bell Bay Power Station was commissioned between 1971 and 1974 and was owned and operated by Hydro Tasmania.

Tamar Valley Power Station uses a combination of Combined and Open Cycle Gas Turbines, this allows the station to provide base load and peaking generation.

The station has one Mitsubishi 208 MW Combined Cycle Gas Turbine (CCGT), one Rolls Royce 58MW Open Cycle Gas Turbine (OCGT) and three Pratt & Whitney 40MW OCGT.

This provides a total installed capacity of 386 MW.

Other infrastructure at the Tamar Valley Power Station include a water treatment plant and large cooling towers.



*Photos courtesy of Aurora Energy*

<b>Scheme:</b>	Tamar Valley
<b>Year Commissioned:</b>	2009
<b>Power Station Structure:</b>	Above ground precinct, buildings to house five turbines, plus steam cooling towers and a water treatment plant.
<b>Turbine manufacturer:</b>	Mitsubishi
<b>Type:</b>	Combined Cycle Gas Turbine
<b>Rated output:</b>	208 MW
<b>Turbine manufacturer:</b>	Rolls Royce
<b>Type:</b>	Open Cycle Gas Turbine
<b>Rated output:</b>	58 MW
<b>Turbine manufacturer:</b>	Pratt & Whitney
<b>Type:</b>	Open Cycle Gas Turbine
<b>Rated output:</b>	120 MW (three 40 MW turbines)

