

KOOMBOOLOOMBA HYDROELECTRIC POWER STATION

About CleanCo

CleanCo is Queensland's publicly owned clean energy generator, with a current trading portfolio of 1,120 MW in the National Energy Market (NEM).

CleanCo has a target to support 1,000 MW of new renewable energy generation by 2025 and will achieve this by building, owning and operating renewable energy projects and by supporting investment in other new renewable energy projects.

CleanCo's foundation assets include the Wivenhoe pumped storage hydroelectric power station, Swanbank E gas-fired power station, and three hydroelectric power stations in Far North Queensland: Barron Gorge, Kareeya and Koombooloomba.



Location:

South west of Ravenshoe on the Atherton Tablelands in Far North Queensland

Commissioned:

1999

Capacity:

7 megawatts (MW)

About Koombooloomba Hydro

The 7 MW Koombooloomba Hydro generates electricity with water released from Koombooloomba Dam. This electricity is then transported 18 kilometres north to the Kareeya Hydro, prior to being fed into Queensland's electricity grid.

Koombooloomba Hydro is located in the Tully River catchment area which spans approximately 260 square kilometres across one of Australia's wettest regions. Tully itself averages 4.27 metres of rainfall each year.

Water flowing from the Koombooloomba National Park down the Tully River is captured in the Koombooloomba Dam. The dam has a standard capacity of 180,000 megalitres and can hold a further 25,000 megalitres using a water-inflated, rubberised tube fitted along the crest of the spillway.

Water released from Koombooloomba Dam is first used by Koombooloomba Hydro to generate electricity. It then continues to flow down the Tully River where it is captured by the Tully Falls Weir and then transported underground to the 88 MW Kareeya Hydro to again be used to generate electricity.

Koombooloomba Hydro is in the Wet Tropics World Heritage Area and must meet strict environmental standards.

All water used in generation flows back to the Tully River in the pristine condition it entered the power station. The Koombooloomba Hydro does not emit any greenhouse gases and is an accredited green generator.

OUR FOUNDATION ASSETS

