



# Wivenhoe pumped hydro





## Overview

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A second hydro-electric power station known as Wivenhoe Small Hydro powered by water discharging from the Wivenhoe Dam into the Brisbane River commenced operation in March 2003. It has a much lower power output of 4.5 MW. In 2021, a major overhaul project was planned to preserve the reliability of the plant, and to create 100 new jobs in accordance to Australia's recovery plan.

CountryAustraliaLocation, StatusOperationalOpening date1984OverviewThe Wivenhoe Power Station is situated between the and in the of,,, Australia. The Splityard Creek Dam is located in hills adjacent to. The power station consists of two circular concrete silos, each of about 32 metres (105 ft) internal diameter. Each of the silos houses a 285 megawatts (382,000 hp) turbine generator s.



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### WIVENHOE PUMPED STORAGE HYDROELECTRIC POWER ...

Commissioned in 1984, Wivenhoe Power Station is the only pumped storage hydroelectric plant in Queensland and provides fast ramping capability to support a stable electricity supply. Wivenhoe's ...

### [State's only pumped hydro generator to get complete overhaul](#)

The Queensland state government is to invest \$48 million in overhauling the Wivenhoe pumped hydro power station, now operated by the state owned CleanCo, to improve reliability and ...



### [Queensland commits AU\\$48m to 5.7GWh pumped hydro plant](#)

The 570MW Wivenhoe facility, located northwest of Brisbane, consists of two reversible 285MW Francis pump-turbine units that can generate electricity during high demand periods and ...



## Wivenhoe Power Station - pumpedhydro

Wivenhoe Power Station Project Details



## Wivenhoe Dam: Key Facts and Current Levels

The Wivenhoe Hydro Power Station is Queensland's first pumped-storage scheme. When it came into operation, its pioneering technology was to allow the power station to be controlled remotely from ...

### [Pumped up: Wivenhoe pumped hydro upgrade powers ahead](#)

CleanCo has commenced work on the feasibility of converting the Mount Rawdon gold mine into a pumped hydro facility, supported by an initial \$50 million investment. CleanCo CEO Tom ...



### [Wivenhoe Pumped Storage Power Station CleanCo Queensland](#)

Situated near Fernvale in the Somerset Region of South East Queensland, the Wivenhoe Pumped Storage Hydroelectric Power Station is currently the only one of its kind in Queensland. Generating ...



## Wivenhoe Power Station



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### [Queensland pumped hydro facility records highest generation in 40 ...](#)

Queensland electricity utility CleanCo has set a new quarterly generation record at its 570 MW Wivenhoe Power Station, located 75 kilometres west of Brisbane, which surpasses all previous ...

### [Wivenhoe pumped storage hydroelectric power station breaks ...](#)

The Wivenhoe Pumped Hydro Station, operated by CleanCo Queensland, has achieved a record output in the third quarter of 2024, generating 199 GWh of electricity - more than five times ...





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