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# Power generation at the Tazhong Power Station

## Overview

Installed at a 12° tilt on floating structures to maximize solar energy capture, this water-based photovoltaic system has a total capacity of 18.7 MW and an annual average power generation of about 20 million kWh.Who owns Taizhou power station?

Unit-level coordinates (WGS 84): The two existing coal-fired units of Taizhou power station, totaling 2,000 MW, were brought online between 2007 and 2009. The plant was originally owned by China Guodian.

Where is Taizhou power station located?

Part of the Global Coal Plant Tracker, a Global Energy Monitor project. Taizhou power station (□□□□□□□) is an operating power station of at least 4000-megawatts (MW) in Yong'anzhou, Gaogang, Taizhou, Jiangsu, China. The map below shows the exact location of the power station. Loading map. Unit-level coordinates (WGS 84):.

Where do Tarong power stations get water?

The primary source of water for the Tarong power stations is Boondooma Dam, which was built to provide water for this purpose. The power stations also have access to water from Lake Wivenhoe via the Wivenhoe Pipeline – a substantial premium is paid for this water, so it’s only used when dam levels at Boondooma are low.

What is the main source of energy in Tarong?

In addition to coal, energy generation at Tarong also relies on access to water, which is used for steam production and cooling. The primary source of water for the Tarong power stations is Boondooma Dam, which was built to provide water for this purpose.

How many cooling towers are there at Tarong Power Station?

There are two cooling towers at the original Tarong Power Station, each

standing 116.5 metres tall. The hyperbolic shape of the towers creates a natural flow of air from the base of the tower to the top; it’s this air flow that cools the hot water as it falls from the ‘hot pond’ to the ‘cold pond’ at the bottom.

Why are PV power stations growing in China?

Energy policies are the main factor driving the rapid development of PV power stations in China (Fig. 10 a) (Yang et al., 2020). Since 2004, China’s PV production has experienced tremendous growth due to the dramatic increase in demand for PV in European countries and reached number one in the world in 2007 (Xu, 2016).

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