



7 AFFORDABLE AND CLEAN ENERGY

8 DECENT WORK AND ECONOMIC GROWTH

13 CLIMATE ACTION

178,615

SAVED EMISSIONS
TONS CO2 EQ./YEAR



48 MW Houqiao Hydropower Project, Yunnan, China

 China

PROJECT-ID: 192 FZ-ID: 2207

48 MW Houqiao Hydropower Project, Yunnan, China

Hydro project on the Binglang River in Yunnan

The Houqiao hydropower plant has an installed capacity of 48 MW provided by three 16 MW hydro turbines and generates 235,000 MWh of electricity annually. The project is located on the Binglang River in Tengchong County, Baoshan City, Yunnan Province, PR China. It is the second stage of a total of four stages of the hydropower development plan for the Binglang River. The area is 0.17 km² and the power density is 282.4 W/m².

The project is a grid-connected renewable energy project, with most of the electricity generated being fed into the Tengchong power grid and connected to the other level of the

hydropower grid to support the safe operation and transmission of the Baoshan power grid, an integral part of the CSPG. The electricity generated by the project will replace some of the electricity generated by fuel-fired power plants, thus reducing CO₂ emissions in the grid. The estimated reduction in greenhouse gas emissions during the first crediting period is 1,786,147 tonnes of CO₂e.

[For more information please click here.](#)

Overview of the project data:



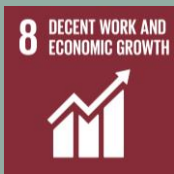
48 MW Houqiao Hydropower Project, Yunnan, China

The project contributes to the following sustainability goals:



Affordable and clean energy:

The electricity generated leads to an improvement in the quality of the local power supply.



Decent work and economic growth:

The project promotes local economic development, including through job creation.



Climate action:

The operation of the hydropower plant saves approx. 178,615 t CO₂e annually.