403,153

SAVED EMISSIONS
TONS CO2 EQ /YEAR

Dapein (1) Hydropower Project in Union of Myanmar

Myanmar

FOKUS ZUKUNFT

PROJECT-ID: 7731 FZ-ID: 2205

Dapein (1) Hydropower Project in Union of Myanmar

Power generation through the use of renewable water resources

The Dapein (1) hydropower project in the Union of Myanmar is located on the Dapein River in Bhamo town, Kachin State, Myanmar. The project is a newly constructed hydropower plant with an installed capacity of 240 MW (60 MW×4). The electricity will be fed into the regional power grid, which consists of the Myanmar National Power Grid and the South China Power Grid. The project is operated by Dapein(1) Hydropower Company Limited, a joint venture established by Datang (Yunnan) United Hydropower Developing Company Limited (hereinafter "DUHD") in China and the Department of Hydropower Planning Ministry of Electric Power No.(1) (hereinafter "DHPP") in Myanmar.

In accordance with the Development Operation Transfer and Feasibility Study Report signed by DUHD and DHPP, the annual operation time is approximately 4,458 hours, the Plant Load Factor is 0.5089 and the annual electricity generation is 1,070,000 MWh. In the first 25 years, 8% and in the remaining 15 years 10% of the total annual electricity production will be supplied to Myanmar free of charge.

For more information please click here.

Overview of the project data:

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The project contributes to the following sustainability goals:

Affordable and clean energy:

The electricity generated by the project will replace some of the electricity in the Myanmar National Power Grid and the South China Power Grid, which is mostly generated from fossil fuels.

Decent work and economic growth:

The construction and operation of the project increases tax revenues for the Myanmar government, promotes economic development in the region and creates new employment opportunities for the local population.

Climate action:

In addition to reducing CO_2 emissions, the project will help reduce emissions of other pollutants such as NO_x, SO_2, particulate matter, etc.

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Source of the project image: https://www.pexels.com/de-de/foto/fluss-zwischen-baumen-2438/