

Overview of the Hydropower CDM Project in China

1. Project Name

Gansu Yongdeng Tiecheng Hydropower Station Project

2. Project Overview

The Gansu Mingzhu Hydropower Development Co., Ltd. will construct a run-of-river hydropower plant with a design capacity of 51,500 kW (one 8,000 kW and three 14,500 kW generators) in Yongdeng Country, Lanzhou City, Gansu Province and the generated electricity by this project will be sold to Gansu Power Company.

With this project, a part of the local power demand will be met by renewable energy, which, in turn, will mitigate the consumption of fossil fuels. TEPCO plans to purchase carbon credits worth about 920,000 tons of the CO₂ emission reductions as CERs generated during the period between November 2007 (scheduled) and December 2012.

3. Inauguration

The hydropower plant is scheduled for commercial operation in November 2007 (and will be registered by the UN CDM Executive Board in October 2007).

4. Project Site

Yongdeng County, Lanzhou City, Gansu Province (located in the northwestern part of China)



Source: China, State Bureau of Surveying and Mapping

5. Power Generation Facilities

One 8,000 kW and three 14,500 kW water turbine generators will be set up (with a total design capacity of 51,500 kW).

6. Estimated Amount of Carbon Credits to be Purchased

About 920,000 tons (CO₂ equivalent) generated during the period between November 2007 and December 2012 from this project