

Cote d ivoire pumped hydro storage

The Gribo-Popoli Hydropower Plant, the largest hydropower station under construction in Cote d'Ivoire, being built by POWERCHINA, marked a major milestone on March 9, when the overflow spillway was completed 100 days ahead of schedule.

That was followed on March 14 by another milestone, the flow closure of the cofferdam, also 100 days ahead of schedule.

These developments have laid a solid foundation for realizing power generation by the first unit of the station.

The station is located on the Sassandra River in the Soubre province of Cote d'Ivoire. It will have a total installed capacity of 112.9 MW and a total storage capacity of 82 million cubic meters of water. The main construction of the project includes earth-rock dams, spillways and power plants.

Plans are for the first unit to start operating at the end of 2023. It is expected that this will alleviate the power shortages in Cote d'Ivoire and further promote economic integration and economic prosperity in West Africa.

Since entering the Cote d'Ivoire market in 2009, POWERCHINA has been both a builder of engineering projects and a promoter of social and economic development.

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The Gribo-Popoli Hydropower Plant in Cote d'Ivoire, being constructed by POWERCHINA, achieved a significant milestone on March 2. It began impounding water 60 days ahead of schedule.

More than 400 people participated in the ceremony, including the Ivorian mainstream media.

At the ribbon-cutting ceremony, representatives from various project and local government departments delivered speeches. The representative of the project owner praised this new milestone and the efficient progress of the project. He also stated that the successful impoundment of water marks a crucial step towards power generation.

The Gribo-Popoli Hydropower Plant is located downstream of the Soubre Hydropower Plant, which was also completed by POWERCHINA. Financing support for Gribo-Popoli Hydropower Plant is provided by the Export-Import Bank of China.

Once completed, the Gribo-Popoli Hydropower Plant will have a total installed capacity of 112.9 megawatts and a reservoir capacity of 82 million cubic meters. After put into operation, it will generate 554 million kilowatt-hours of clean electricity annually for C?te d'Ivoire, playing a crucial role in the country's expanding power supply. It is also set to reduce generation costs, promote economic and social development, contribute to dual carbon reduction goals, and increase power exports.

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