



Libreville electricity generation

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Gabon Power Company (GPC) is developing sustainable energy for Gabon. The company researches, designs, builds and operates electricity and water production infrastructure.

Established in 2015 through the Gabonese Strategic Investment Fund, GPC now has a variety of power generation projects currently under development.

With these projects, GPC sets out to diversify the Gabonese energy mix and provide sustainable energy for its population.

The Ngoulmendjim Power Station is a planned hydroelectric power station across the Komo River in Gabon. The power station is under development, by a consortium comprising the French conglomerate Eranove Group and Gabonese Fund for Strategic Investments (FGIS). As of November 2021, the development was in the "financial mobilization phase".

The power station would be located astride the Komo River, in Estuaire Province, about 125 kilometres (78 mi) southeast of the capital city of Libreville.

Libreville, the capital city of Gabon, is home to approximately half of the country's population. As of 2018, 15-20 megawatts of new annual generation capacity, were required to keep up with new demand in Libreville alone. Ngoulmendjim HPP, is intended to address this need.

The dam will have a crest width of 635 metres (2,083 ft) with maximum height of 38.5 metres (126 ft). This will form a reservoir with surface area in excess of 30 square kilometres (7,400 acres). Three Pelton turbines will be installed and are expected to generate 82 megawatts of electricity. The energy will be transmitted from the power station via a new 225kV transmission line, measuring 135 kilometres (84 mi) long, to a location where the electricity will enter the national grid. A 30-year power purchase agreement has been executed between the Government of Gabon and the power station developers.

The developers of this power station, have formed a special purpose vehicle company called Asokh Energy, that will own, design, develop, operate and maintain this HPP. The table below, illustrates the shareholding in Asokh Energy.

Note: Gabon Power Company (GPC) is a subsidiary of Gabonese Fund for Strategic Investments (FGIS).

The construction budget is reported as EUR300 million. The developer/owners have selected the African



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Development Bank as the lead arranger of a syndicated loan. The British financial house Standard Chartered Bank was selected to structure the loan.

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Yesterday, the Gabon Power Company (GPC) signed a landmark Concession Agreement with Wartsil for the development, supply, construction, operation and maintenance of a new 120 MW gas-to-power project in Owendo, next to the capital city of Libreville.

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