

POWER TECHNOLOGY

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MARKET DATA | December 24, 2021

Prek Liang I, Cambodia

By Carmen



Prek Liang I is a 72MW hydro power project. It is planned on Prek Liang river/basin in Ratanakiri, Cambodia. The project is currently in announced stage. It will be developed in single phase. The project construction is likely to commence in 2023 and is expected to enter into commercial operation in 2025.

Project Type	Total Capacity (MW)	Active Capacity (MW)	Pipeline Capacity (MW)	Project Status	Project Location	Project Developer
Hydropower	72	-	72	Announced	Ratanakiri, Cambodia	Korea South-East Power

Description

The project is being developed and currently owned by Korea South-East Power.

The hydro reservoir capacity is planned to be 264 million cubic meter. The net head of the project will be 178.8m. The penstock length will be 147.5m. The penstock diameter will be 3.8m. The project cost is expected to be around \$133.027m.

The hydro power project consists of 2 units of francis turbines.

Development Status

The project construction is expected to commence from 2023. Subsequent to that it will enter into commercial operation by 2025.


About Korea South-East Power

Korea South-East Power Co Ltd (KOSEP), a subsidiary of Korea Electric Power Corp, is an electric utility. It produces and sells electricity in domestic and international markets. The company develops electric power resources; and generates electricity using coal, gas, steam, hydro, solar and other sources. KOSEP trades electricity through Korea Power Exchange to KEPCO as its trading partner. The company operates various thermal power plants, combined cycle power plant, internal combustion, hydro, solar and other renewable energy plants. KOSEP is headquartered in Jinju, Gyeongsangnam-do, South Korea.

Methodology

All power projects included in this report are drawn from GlobalData's Power Intelligence Center. The information regarding the project parameters is sourced through secondary information sources such as electric utilities, equipment manufacturers, developers, project proponent's – news, deals and financial reporting, regulatory body, associations, government planning reports and publications. Wherever needed the information is further validated through primary from various stakeholders across the power value chain and professionals from leading players within the power sector.


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