

Xekaman 1 Dam images below:



Xekaman 1 Hydropower Project with total investment of US\$ 441 million is built on the Xekaman river in Sanxay district, Attapeu province, Lao PDR. It contains 2 subprojects: Xekaman 1 hydropower plant in the upper section of the river and Xekaman Sanxay hydropower plant in the lower section.

Together they have power output capacity of 322 MW and are able to generate about 1,220 GWh output per year. 20% of the output is planned to be used for domestic consumption and 80% exported to Vietnam through a 500 kV transmission system connecting Ban Sok–Attapeu in Lao PDR to Pleiku–Gia Lai in Vietnam.

The Project is located in both Sanxay and Sayxetha districts of Attapeu province about 80 kilometers away from the Laos-Vietnam border post of Phu Cua, Laos and Kon Tum, Vietnam.

The project operates under a Concession Agreement between the government of Laos and Xekaman 1 Power Company Limited for a term of 25 years from the commercial operation date. The Power Purchase Agreement with Electricite Du Laos (EDL) was signed on October 28, 2010 and the purchase agreement with Electricity of Vietnam (EVN) was signed on March 02, 2011.


Xekaman 1 hydropower project has designed capacity of 290 MW consisting of two turbine units of 145 MW each.

Xekaman Sanxay hydropower plant has designed capacity of 32 MW with two turbine units 16 MW each.

Xekaman 1 Hydropower Project developer is Viet-Lao Power Joint Stock Company. Main contractor is Song Da Corporation. Construction period was 2011 – 2016.


Dam:	Xekaman 1		Country	Laos
River	Xe Kaman	14°57'38.73"N 107°9'19.95"E	14.960758 107.155540	
Owner/Client	Xekaman Power Ltd.			
Designer/Engineer	Song Da Ukrin Consulting Engineering			
Contractor	Song Da Corporation (SDC)			
Purpose (code)	H			
Site start	01.03.2012			
RCC start	01.05.2013			
RCC completion	15.07.2015			
Site completion	30.12.2016			
Height (m)	120			
Length (m)	335			
Volume of RCC (m ³ x10 ³)	870			
Total volume (m ³ x10 ³)	1065			
Reservoir capacity (m ³ x10 ⁶)	3120			
Upstream slope	V			
Forming of upstream face (code)	(3') *			
Downstream slope				
Forming of downstream face (code)	(3') *			
Spillway slope				

Under Construction



RCCDAM0636UC

Completed Dam



RCCDAM0636CD

Xekaman 1 and Xekaman-Sanxay hydropower projects are located at right side of map below:



Note: The words "Xe" and "Nam" both mean "river" and a term such as "Nam Xe Kaman" is not used.