

**Xepian-Xenamnoy (410MW)**

Location – Attapeu and Champasak Province

Commenced operation: 2018

Investors: SK Engineering and Construction (Korea) 26%, LHSE (Laos) 24%, Korea Western Power Co., Ltd 25%, Ratchaburi Electric Generating Holding Public Co.,Ltd 25%

Planned market: Laos/Thailand

Installed Capacity: 410 MW

Status: PDA Signed 19/10/2012

Xepian-Xenamnoy Features

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1. Hydrology		
Catchment area	217	522 Km ²
Annual mean inflow	10.49	25.01 m ³ /s
2. Reservoir		
Full supply level	791.9	786.5 m
Min. operation level		745 m
Surface area at FSL	3	50 Km ²
Gross storage	24	1,092 MCM
Active storage	23	885 MCM
3. Infrastructure		
3.1 Dam type	Concrete Rock Fill Dam	
Crest length	1,250	1,430 m
Height	47	75.5 m
3.2 Waterway		
3.2.1 Headrace Tunnel/Chanel		
Length	13.6	km
Diameter	5.2	m
3.2.2 Penstock		
Length,	730	m
Diameter	3.6	m
3.3 Transmission line		
Voltage	230	KV
Length	35	Km
3.4 Access road		
Length	5	km
3.5 Tailrace tunnel/chanel		
Length	6.221	m
4. Power generation		
Design discharge	80	m ³ /s
Gross head	630	m
Installed capacity	390	MW
Annual average energy	1,788	GWh/y
Francis / Pelton	Francis	
Units	3	
5. Social environment		
5.1 People and household already resettled by the project		
Village:	8	

Household: 410

People:

6. Developer

1. Gol	24	%
2. SK engineering and Construction	26	%
3. Ratchaburi Electric	25	%
4. Korea western power	25	%