

Power Development Plans & Transmission Interconnection Projects Lao PDR

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Back ground

- 22 December 2007 signed the MOU with Thailand

Lao PDR will export electricity to Thailand
7000 MW

-14 March 2008 signed the Minutes of Meeting between Minister of Ministry of Energy & Mines of Lao PDR and Minister of Ministry of Industry & Trade of SR. Vietnam

Lao PDR will export electricity to Vietnam
5000 MW

Export to Thailand

No	Name of Project	Contr. Capacity
1	Nam Theun 2	920MW
2	Nam Ngum 2	597MW
3	Nam Bak 1	80MW
4	Theun Hinboun Exp	220MW
5	Nam Ngum 3	440MW
6	Nam Theun 1	523MW
7	Nam Ngiep 1	260MW
8	Hongsa Lignite	1570MW
9	Nam Ou	843MW
10	Donsahong	300MW
11	Sepian Xenamnoi	390MW
12	Sekong 4	300MW
13	Nam Kong 1	150MW
14	Xayabouli/Pak Beng	1000MW

7893 MW

Export to Vietnam

No	Name of Project	Installed Capacity MW
1	Sekaman 0&1	323
2	Sekaman 2 (a, b)	164
3	Sekaman 3	250
4	Sekaman 4 (a, b)	170
5*	Nam Kong 1	150
6	Nam Kong 2	60
7	Nam Kong 3	30
8	Dak E meule	185
9	Sekong 3 (Up. & Low.)	250
10*	Sekong 4	300
11*	Sekong 5	400
12	Nam Ngum 4A & 4B	150
13	Nam Xam (1,2,3 and 4)	750
14	Nam Mo	110
15	Nam Kan (Nam Mo 1)	66
16	Nam Et (1,2,3)	450
17	Nam Neun	65
18	Nam Peun	64
19	Xexou	95
20	Luangprabang (Mekong)	1410

Electricity Demand Forecast (PDP 2007)

Year	2006	2010	2015	2020
Energy Consumption (GWH)	1727	3493	7009	8549
Peak load (MW)	349	648	1216	1486



Nam Ou- Thailand

Hongsa-Thailand

Pak Beng-Thailand

Xayabouli-Khonken

Nabong-Oudon

Ban Sok-Oubon

Ban Sok – Stung Treng-Tay Ninh

Luangphabang -Xam Neua-
Nho Quan/Thanh Hoa

Ban Sok - Pleiku

500kv Transmission Line Facilities

1. Nabong (Laos) - Oudon (Thailand)
2. Indochina facilities :
 - Ban Sok (Laos) - Pleiku(Vietnam)
 - Ban Sok-Stung Treng(Cambodia)-Tay Ninh(Vietnam)
3. Ban Sok (Laos) - Oubon (Thailand)
4. Hongsa (Laos) - Thailand
5. Nam Ou (Laos) - Thailand
6. Luangphabang (Laos) - Nho Quan or Than Hoa Vietnam
7. Xayabouli (Laos) – Khon Ken (Thailand)
8. Pakbeng (Laos)-Thailand

Khop Chai
Thank you