



中国水利水电建设集团公司
SINOHYDRO CORPORATION

SINOHYDRO

SINOHYDRO PRESENTATION



SINOHYDRO
Sept. 2008



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BRIEF OF SINOHYDRO

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EXPERIENCES IN ASEAN

3

SUGGESTIONS



中国水利水电建设集团公司
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BRIEF OF SINOHYDRO



General Description

General

- As a contractor or sub-contractor
- As a Project Designer
- As an Operator
- As a retailer / manufacturer of Aviation Equipment.
- As a developer

Experience Period

58 Years
58 Years
10 Years

17 Years

ASEAN

- Thailand, Laos, Cambodia, Burma, Malaysia, Singapore, Viet Nam, Indonesia, Philippines, Brunei

20 Years

Other Countries

- Asia: Nepal, Pakistan, Bangladeshi, India, Iran;
- Africa: Zimbabwe, Ethiopia, Algeria, Sudan, Angola;
- Mideast: Qatar, etc.

20 Years





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2

EXPERIENCES IN ASEAN



Kamchay Hydroelectric BOT Project in Cambodia

□ Basic Data

- Capacity: 192MW;
- Total investment amount: 280,540,000USD;
- Construction period: 4 years;
- Commercial Operation Period: 40 years;

□ Progress

- IA, LA, PPA was signed;
- Financial Closed;
- Construction is ongoing.



Nam Ngum 5 Hydroelectric BOT Project in Lao

□ Basic Data

- Location: Nam Ting River
- Capacity: 120MW;
- Total investment amount: 200MUSD;
- Construction period: 4 years;
- Maintenance & Operation Period: 25 years;

□ Progress

- CA, SA, PPA & LA were signed;
- Financing negotiation & site preparation;



Nam Ou Hydropower BOT Project in Lao

□ Basic Data

- Location: Nam Ou River
- Capacity: 1000~1300MW;

□ Progress

- Project Development Agreement (PDA) was signed on Oct. 15th, 2007;
- Memorandum of Understanding (MOU) of Power Purchase Agreement was signed with EGA of Thailand
- Feasibility Study Report on the way.



Pak Lay Hydroelectric Power BOT Project

□ Basic Data

- Location: Mekong River
- Capacity: 1320MW;

□ Progress

- Memorandum of Understanding (MOU) was signed with LAO PDR on Jun. 11th, 2007;
- Feasibility Study on the Way



Hutgyi Hydropower BOT Project in Myanmar

□ Basic Data

- Location: Thanlwin River;
- Capacity: $8 \times 170\text{MW}$;
- Dam Type: RCC Gravity Dam with Height 117.6m

□ Progress

- Memorandum of Understanding (MOU) Signed;
- Feasibility Study Finished;



Ta Sang Hydropower BOT Project in Myanmar

□ Basic Data

- Location: Thanlwin River;
- Capacity: 10×711 MW;
- Dam Type: RCC Gravity Dam with Height 228m

□ Progress

- Memorandum of Understanding (MOU) Signed;



Highlighted Issues



3 Highlighted Issues

- a) Sharing mechanism on the data and information available simultaneously among parties concerned; especially the regional hydrology, geology data.
- b) Integrated planning for the development of hydropower resources in Mekong Area; such as the development planning on the boarder-crossing rivers.
- c) Integrated coordination among all parties concerned in the same river basin.



3 Highlighted Issues

- d) Inter-government Coordination for cross-boarder power purchase to resolve legal disputes, etc. in CA&PPA
- e) International institutions (such as MIGA) involvement to bring the added value of such cooperation, such as good for transparency implementation, confidence for project financing institutions, public monitoring.



3 Highlighted Issues

- f) Broader sustainability perspective in the interest of governments, developers, power purchasers:
- g) Environmental and social safeguards always a challenge to developers, need power purchasers and the governments involvement in liaison



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Thank You