

**Summary of Discussions**  
**Sixth Meeting of the Regional Power Trade Coordination Committee (RPTCC-6)**  
**Sanya, PRC, 18 May 2007**

1. **Objectives.** The RPTCC-6 meeting was held to undertake the following: (i) confirm the FG-4 agreements and recommendations on the next steps and timelines of priority RPTCC studies and activities; (ii) discuss updates on the ongoing and proposed technical assistance to the RPTCC; (iii) review, refine and set the milestones for preparation of the proposed MOU on the power trade road map and Action Plan on Energy; and (iv) brief GMS representatives on the experiences in developing other regional energy markets.

2. The RPTCC-6 meeting was held in Sanya, PRC and was co-organized by the China Southern Power Grid Company Limited (CSG) and the Asian Development Bank (ADB). It was attended by RPTCC nominees of the six GMS member countries, as well as by representatives of ADB, Agence Francaise de Developpement (AFD), GMS Environment Operations Center (EOC), International Rivers Network (IRN), Japan Bank for International Cooperation (JBIC), PRC State Environmental Protection Administration (SEPA), Soluziona, and the Swedish International Development Cooperation Agency (SIDA). Attached is the agenda and program of the meeting (Annex 1) and the list of RPTCC-6 participants (Annex 2).

**Session I: Opening Session**

3. Dr. Thein Tun, Director General, Department of Electric Power, Ministry of Electric Power (MOEP), Myanmar, warmly welcomed the delegates to the meeting and thanked CSG for the excellent meeting arrangements. He recalled the agreements reached by the GMS countries in promoting regional power trade development in the subregion and the progress of work of the RPTCC and its working groups. He stressed the importance of the agreed next steps in the PWG and FG meetings in further advancing the work of the RPTCC. He believed that the meeting will lead to productive discussions that will immensely useful for guiding the work of the RPTCC.

4. Mr. Yongping Zhai, Principal Energy Specialist, Infrastructure Division, Southeast Asia Department (SEID), ADB, welcomed the participants and thanked CSG for the excellent meeting arrangements. He then explained the subregion's efforts and achievements at developing the regional power market, as reflected in the progress of priority studies and activities under the RPTCC work plan. He stressed that further advances in GMS power trade development with the strong help of partners such as AFD, JBIC and SIDA. He explained the benefits to be realized from promoting power interconnections to develop the regional power market, and briefed on developments in the GMS Program, particularly the Mid-term Review of the GMS Strategy, in the context of work in GMS power cooperation. Finally he explained the purpose for discussing the experiences in developing other regional power markets, i.e. to give insights for better planning of the GMS power market development.

**Session II: Confirmation of FG/PWG Agreements on Next Steps to Advance Priority Studies and Activities**

5. Mr. Zhai gave a recap of the next steps for the priority studies and activities agreed in the PWG/FG meetings. He stressed that in order to speed up the progress of these studies and activities, the countries are requested to cooperate in terms of providing the needed data and appointing focal persons to coordinate with the consultant. He reiterated the proposed

schedules and arrangements for the training courses. He noted the agreed action on database and website development, i.e., to re-negotiate with the sole bidder and if this fails, to engage a programmer for the software and bid-out the hardware. He noted that separate technical workshops would be held in the last week of June 2007, on the studies on performance standards/ transmission regulation (in Thailand) and the master plan (in PRC).

6. Mr. Zhai mentioned that for the 500kV Interconnection between PRC, Lao PDR and Thailand, the MOU is still valid but the preparation of the project has been suspended pending reconciliation in the price of power. On the PRC- Viet Nam interconnection, he said Viet Nam had earlier apprised of the status of engaging consultant for the project. He noted the differences in approaches for preparing the PRC-VIE and the THA-LAO-PRC interconnections, and it would be interesting to see which approach would yield faster results. ADB (Mr. Baardsen) discussed the next steps for the GMS Power Interconnection Phase I project report. He outlined the way forward for the project, in terms of governments deciding whether investment will proceed, and relaying the request for financing to ADB. He presented the tentative implementation schedule of the project to meet the target commissioning of the line in 2013.

7. **Proposed MOU.** Mr. Zhai recalled that there are existing agreements pertaining to GMS power trade development, and that preparation of another document for signature of Ministers would entail a lengthy process and the MOU itself would require inputs from the consultant's study which will be only available by the end of 2007. It was agreed that the consultant however would revisit the status of the existing agreements, and prepare a document that would fine-tune and/or build on the commitments that have already been made. This document could then be the basis for preparing an MOU if so requested by higher authorities.

8. **Action Plan for Energy.** ADB (Mr. Tranquilino) presented the rationale for the preparation of a new Action Plan for energy (2008-2012), after a quick review of the status of the energy items contained in the current GMS Ministerial Plan of Action (POA), and in the agreed RPTCC work plan. He requested the country representatives to validate the entries in the proposed new Action Plan, particularly on the priority projects to be included and their indicative timelines, and asked them to submit their comments by the end of May 2007. RPTCC members supported the preparation of the new Action Plan and initial comments/ inputs were provided to ADB immediately after the session. RPTCC members expressed interest in the outcome of the Energy Strategy workshop to be held next week in Bangkok, especially on the priority projects that would eventually be included under the Action Plan's item on broadening cooperation in energy.

### **Session III: Status Report of Projects in Support of RPTCC Work Plan**

9. **TA Proposal of SIDA.** Mrs. Isaksson indicated that the proposed TA support to the RPTCC is undergoing internal processing and is expected to be approved by June 2007 with funding of \$5 million. She added that an expert from Sweden will be seconded to ADB to assist in TA implementation. Mr. Zhai lauded the forthcoming SIDA assistance in support of power trade development, especially in advancing project preparation (FS, DE) and in properly considering environmental aspects of energy development.

10. **AFD-Financed TA Support to RPTCC/ Brief on West Africa Power Pool (WAPP).** Mr. Breton welcomed SIDA's TA that will complement AFD's support to RPTCC. He noted that in addition to its TA support for the RPTCC, AFD is also keen on sharing its experience in regional power market development. He provided insights on the coordination experience in the

development of the WAPP, focusing on its interconnected networks, power trade issues, problems encountered by utilities, general institutional problems, and regulatory mechanisms. He discussed the institutional background of the Economic Cooperation among West African States (ECOWAS) under which the WAPP operates, and elaborated on the institutional and regulatory actions involving the WAPP. Mr. Breton provided clarifications on the various processes involved in the coordination of technical and operational cooperation under the WAPP, and the areas where AFD intervention and support were needed. He indicated that AFD is focusing its support on institution building while other donors are providing financing for necessary infrastructure development.

**11. Updates on Operational Results of Japan Bank for International Cooperation (JBIC) in the Mekong Region.** Mr. Taniguchi gave a brief on JBIC's work in the GMS power sector. He explained the JBIC strategy to provide assistance for infrastructure development and institutional improvement. He discussed the objectives and components of JBIC's projects in Cambodia, Lao PDR and Viet Nam and outlined the strategy for future cooperation in the subregion. He provided clarifications on the projects that are eligible for JBIC support.

#### **Session IV: Recent Experience in Developing Regional Energy Markets**

**12. Power Sector Restructuring Program in the Philippines and ADB's Role.** ADB (Mr. Zhai) briefed on the ADB assistance to the Philippines to set up a wholesale electricity spot market (WESM), which he said could provide lessons for GMS regional power market development. He explained the WESM's regulatory structure, market participants, and current status. He discussed the concepts involved in the WESM, including dispatch and pricing principles, and the WESM's outcomes and next steps. Viet Nam (Mr. Thang) sought clarifications on the market design in relation to the ongoing restructuring of Viet Nam's power market.

**13. Cross-Border Trading International Experiences.** Soluziona (Mr. Karacsonyi) provided the core concepts of cross-border markets and their products and services. He explained the mechanics of bilateral contracts and forward markets, and short term (opportunity) trading. He explained the concepts and practices of cross-border Day-ahead markets, congestion management, inter-TSO compensation and transmission rights. He then presented the features of cross-border markets practices in other regions, such as UCTE in Europe, the NORDEL in Northern Europe, and various power markets in South America.

#### **Session VI: Closing Session**

**14. Synthesis.** The Chairperson (Dr. Tun) recalled the venues of previous RPTCC meetings, and noted only Viet Nam has not hosted an RPTCC meeting yet. Viet Nam (Mr. Thai) agreed to host the next RPTCC meeting but the exact venue would be announced later. Dr. Tun highlighted the main agreements and items discussed during the meeting, including on the next steps for the priority studies and activities, the contents of the proposed Energy Action Plan and preparation of the proposed MOU (title to be determined) to reconfirm the GMS countries' commitment to develop the regional power market.

**15. Consideration and Adoption of Proceedings.** Mr. Zhai announced the distribution of the draft summary of proceedings after the meeting for review by the participants. After the RPTCC members reviewed the draft summary of proceedings, and after incorporation of suggested changes, the body therefore approved the minutes of the RPTCC-6 meeting *ad referendum*.

16. **Summary and Closing Remarks.** Dr. Tun thanked the participants for the productive discussions and agreements during the meeting, which would be beneficial in advancing power trade development in the GMS. He thanked CSG for the hospitality and excellent meeting arrangements.

17. Mr. Zhai thanked the chair for effectively steering the meeting and congratulated the RPTCC members for the substantive outputs of the meeting.



**Greater Mekong Subregion  
Sixth Meeting of the Regional Power Trade  
Coordination Committee (RPTCC-6)  
Sanya, PRC, 18 May 2007**

**Agenda and Program**

**18 May (FRI)**

*Chair:* *Dr. Thein Tun,  
Director General, Department of Electricity Power, Ministry of Electric  
Power (MOEP), Myanmar*

*Co- Vice Chair:* *Mr. Yongping Zhai  
Principal Energy Specialist  
Infrastructure Division, Southeast Asia Department  
Asian Development Bank*

08:30am- 08:45am Registration

**Session I- Opening Session**

09:00am- 09:15am Opening and Welcome Remarks

Senior Official, China Southern Power Grid Co., PRC

Dr. Thein Tun, DG, DEP, MOEP, Myanmar

Mr. Yongping Zhai  
Principal Energy Specialist  
Infrastructure Division, Southeast Asia Department, ADB

**09:15am- 09:30am Group Photo**

**Session II- Confirmation of FG/ PWG Agreements on Next Steps to Advance  
Progress of Priority RPTCC Studies and Activities**

09:30am- 10:00am Presentation of Matrix on Agreed Next Steps, Timelines of Priority  
Studies and Activities of FG/ PWG

- Review of Proceedings of FG-4  
- Mr. Yongping Zhai, PES, SEID, ADB

Discussions

10:00am- 10:30am Consideration of Plan of Action for Cooperation in Energy  
- ADB Representative

**10:30am- 10:45am Coffee Break**

**Session III Status Report of Projects in Support of RPTCC Work Plan**

10:45am – 12:00am Update on the proposed TA Support for RPTCC from the Swedish International Development Cooperation Agency (SIDA)  
- Mrs. Karin Isaksson, Senior Programme Officer at the Swedish Environmental Secretariat for Asia, Embassy of Sweden in Bangkok

Status of RPTCC Support by Agence Francaise de Developpement (AFD)/ Presentation on the West Africa Power Pool (WAPP)  
- Mr. Herve Breton, AFD

Updates on Operational Results of Japan Bank for International Cooperation (JBIC) in the Mekong Region  
- Mr. Hajime Taniguchi, Country Officer, Division 2, Development Assistance Department 2, JBIC/ Ms. Yupin Tamaratnangul, Project Officer, JBIC Representative Office in Bangkok

- Discussions

**12:00pm- 02:00pm Lunch Break**

**Session V Recent Experience in Developing Regional Energy Markets**

02:00pm- 02:45pm Philippines: Wholesale Electricity Market

Discussions  
- Mr. Yongqing Zhai, PES, SEID, ADB

02:45pm- 03:30pm Evolution, Institutional Arrangements, and Market design of Other Regional Markets

Discussions  
- Soluziona

**03:30pm- 03:45pm Coffee Break**

**Session V- Closing Session**

03:45pm- 04:15pm Synthesis of Discussions/ Agreements by the Chair of RPTCC

Consideration and Adoption of Proceedings

Closing Remarks

**Greater Mekong Subregion  
Energy Sector Meetings  
(i) Third Meeting of the Planning Working Group (PWG-3);  
(ii) Fourth Meeting of the Focal Group (FG-4); and  
(iii) Sixth Meeting of the Regional Power Trade Coordination  
Committee (RPTCC-6)  
16–18 May 2007  
Sanya, Hainan, People's Republic of China**

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