

附錄四：會議摘要

	<p>AESIEAP TECHNICAL COMMITTEE MEETING 19 & 20 JULY 2010</p> <p>The Gardens Hotel and Residences, Mid Valley City, Kuala Lumpur, Malaysia</p>	<p>Organized by:</p> 
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SUMMARY OF PROCEEDINGS

1. Introduction

- 1.1. The Meeting of AESIEAP Technical Committee (TC) 2010 was held at the Gardens Hotel and Residences, Kuala Lumpur, Malaysia on 19th – 20th July 2010. The participants included delegates from the Malaysia, Philippines, South Korea, and Taiwan. The list of delegates is as attached in **Section 3**.

2. Opening Speech

- 2.1. The Chairperson of AESIEAP Technical Committee (TC) Executive Team, Datin Roslina Zainal from TNB Malaysia delivered the opening speech and declared the meeting open. She mentioned that the objective of this TC meeting is to share and discuss the TORs, and the progress on the findings of the respective work group projects.

The full text of her Opening Speech is attached in **Section 2**.

3. Conduct of the Meeting

- 3.1. The TC Chairperson presented the agenda of the meeting.
- 3.2. The meeting adopted the Agenda, which is shown in **Section 4** of the proceedings.



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4. Work Group presentations on TOR and Progress Findings of the study:

The work group presentations are attached in **Section 5**.

4.1 Working Group 1 (WG 1) Presentation

The paper was presented by Mr. Choi Seong Hoon and Dr. Kim Kyeong-Hwan from KEPCO, Korea.

KEPCO indicated that due to tight schedule, the WG 1 project is still ongoing and KEPCO intended to conduct the first kick-off meeting by early October 2010.

4.1.1 Question:

With regards to WG1, is it possible to have the kick-off meeting earlier than October, preferably in September. Since CEPSI meeting will be in October as well (24th Oct. 2010), it would be an opportune moment for us to have the TOR and timeline by October. CEPSI will be very interested to listen about the exciting technologies involved in the Smart Grid System and KEPCO is in the best position to lead the WG as they are already ahead in the implementation of the Smart Grid in Jeju Island.

Answer:

WG1 agreed to try their best to have the first meeting in September as CEPSI is in October 2010. The WG1 agreed to at least get the draft TOR ready before the CEPSI meeting.

4.1.2 Question:

The Smart Grid of KEPCO is very impressive. It was suggested to present KEPCO's experience as a case study during the CEPSI meeting.

Answer:

KEPCO agreed to present the case study of KEPCO on Smart Grid.

4.1.3 Question:

The budget for the Jeju Island demonstration project is USD 222 million. How does KEPCO arrange funding for this ?

Answer:

The funding is shared evenly between KEPCO and the Korean government.



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4.1.4 Question:

Is there any governing body or authority that sets the direction for the Smart Grid project in Korea ?

Answer:

The government is heading the project. Since the power grid forms the core of the Smart Grid system, KEPCO plays a very prominent role in the system.

4.1.5 Question:

Since the Smart Grid integrates systems other than the power grid (i.e. transport, renewables, electric services, smart place, etc), how important is the monitoring of the system?

Answer:

It is important to anticipate the output from various renewable energy sources because the conditions for each of the sources are not the same. This monitoring is important so as to utilize the output from these sources efficiently.

4.1.6 Question:

Why was the Jeju Island selected for the project? Is it due to the abundance of sources of renewable energy?

Answer:

Yes, it is one of the reasons; the other reason is also because the grid system of the Island is isolated from the mainland's grid system.

4.1.7 Question:

It was suggested to have the first kick-off meeting in Jeju Island so that the participating countries can also see first hand the practical application of Smart Grid technology.

Answer:

Yes. Agreed to the suggestion.



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4.2 **Work Group 2 presentation**

The paper was presented by Mr. Shao-Pin Hung from Taipower - Taiwan

4.2.1 Question:

WG2 inquired about the budget assistance for the working group project.

Answer:

Resources/budget allocation for the Technical Committee Meeting is around US\$25,000 per year. Normally, the funds are provided for the running of the Secretariat of Committees and these were never requested before. However, considering the authority given to the Secretary during the 18 February 2009 meeting of the TC, the following were agreed upon:

- a) Each WG to put up their respective budgetary requirements for the remaining months of 2010 and year 2011 for consideration and approval by the TC Executive Team by August 15, 2010.
- b) Honorary Secretary to draft the guidelines in allocating and disbursing available funds for WG projects and other endeavors of the TC for discussion during the next TC meeting.

4.2.2 Question:

Is there any limitation in the budget allocated and what kind of expenses that be claimed for each WG?

Answer:

There should be some limitation in the budget allocation. So far we have not used any fund from the budget. Normally the WG activities are done at the individual host country's expenses. However, TC will further check this with the AESIEAP Committee.

4.2.3 Question:

Do you monitor the carbon prices and is it being documented in the study?

Answer

Yes, the information is gathered but it is not included in the study.



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4.2.4 Question

Is there possibility for detailed listing of power related CDM projects in the respective countries ?

Answer

Will try to gain as much information as possible

4.2.5 Question

Are other members allowed to log-in to the website?

Answer

Yes, the website is open to the public with limited information provided.

All the AESIEAP members who participated in the WG2 are allowed to access detailed information with the suitable account and password.

4.2.6 Question

In addition to the members of the WG2, is participation open to other members at this time?

Answer

Yes, WG2 encourages other members of AESIEAP to register and become the member of the WG2.



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4.3 **Work Group 3 presentation**

The presenter was Mr Loo Kok Seng from Malaysia.

4.3.1 Question:

Does the study use some kind of integrated indicators to benchmark the performance of the utilities?

Answer:

At the moment, the study does not include integrated indicators. The study focuses only on benchmarking the technical and financial performance indicators separately. It will provide reference for utilities to benchmark their actual performance with the best practices of other utilities. In addition, the study will outline the best practices and mitigation measures of utilities who exhibit high performance in the benchmark indicators.

4.3.2 Question:

The report from the WG should also highlight the best practices of other participating utilities so as to enable participating utilities to learn and benchmark against each other.

Answer:

All utilities are facing different operating environment and challenges. WG3 will also incorporate the strengths/best practices of participating utilities wherever relevant. In addition, WG 3 invited KEPCO and NPC to participate in this study as there is still time to provide the required input data to the template established by the WG.

4.3.3 Question:

Does the study look into other factors contributing to the utilities financial performance?

Answer:

The financial performance is derived from utilities financial accounts. However, the WG recognised the fact that some utilities currently have limitations (e.g. Taipower and KEPCO) on the pass through of the additional fuel cost. The WG, wherever possible, will incorporate analysis of specific operating condition that will impact on their technical and financial performance.



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4.3.4 The Chairperson summarized the presentations and discussions of the Meeting:

- a) WG 1 – agreed that KEPCO host the first meeting by September to get inputs from member countries and finalize their TOR by first week of October 2010.
- b) WG 2 – have presented a comprehensive progress report and results of its study.
- c) WG 3 – to complete and finalize the project with the refined data/inputs and if possible to include more utilities data in the benchmarking study.

4.3.5 The Technical Committee Executive Team has agreed to endorse all the key WG projects. Further, guidelines for allocation and disbursement of available funds of the TC will be prepared for discussion during the next meeting.

4.3.6 WG 2 has already planned to organize a forum prior to CEPST in October 2010. WG 2 will submit a budget request to the Technical Committee by the end of July 2010. The TC will make a decision on the request by September 15, 2010.

5. Other Matters

5.1 Following the retirement of the Vice Chairperson of AESIEAP Technical Committee Executive Team from Singapore Power Grid, a replacement will need to be advised and re-nominated by the AESIEAP Council.

6. Venue for the Next Meeting

6.1 The meeting agreed that the next Technical Committee (TC) meeting is tentatively scheduled in June 2011 and to be hosted tentatively by KEPCO (subject to confirmation and agreement by KEPCO's management).

7. Acknowledgement

7.1 The Chairperson, on behalf of the host country acknowledged the valuable contribution and cooperation of all delegates from participating AESIEAP member countries in making the Meeting a success. She also expressed her appreciation to the Organizing Committee for their excellent effort.

7.2 The Meeting was held in the traditional spirit of AESIEAP solidarity and cordiality.