

# Minutes of the 1<sup>st</sup> Meeting of the IEEE Power Engineering Chapter 2006 Committee, Singapore

Date: Wednesday 11<sup>th</sup> January 2006  
Time: 6.30 PM  
Venue: Singapore Polytechnic Staff Centre

Present:

Dr. Chen Shiun (CS) – Chairman  
Dr. Dipti Srinivasan (DS) – Deputy Chairman  
Dr. Sumedha Rajakaruna (SR) – Secretary  
Mr. Tan Teck Lee (TTL) – Treasurer  
Ms. Quek Swee Xian (QSX) – Member  
Dr. Rajnish Gupta (RG) – Member  
Dr. M.H. Haque (MHH) – Member  
Dr. Lalit K. Goel (LKG) – Member  
Mr. Teh Gek Huat (TGH) – Member

Absent with Apologies:

Dr. Lie Tek Tjing (LTT)  
Mr. Seow Kang Seng (SKS)

| No.      | Items   | Action By |
|----------|---|-----------|
| <b>1</b> | <b>Welcome Address by the Chairman</b>  |           |
| 1.1      | The Chairman welcomed all the members to the 2006 committee of Power Engineering Chapter, Singapore. He also appreciated the services and the achievements of the 2005 committee in general and particularly wished to thank the members who do not continue to the 2006 committee, namely, Dr. Deepak Waikar and Dr. Govinda Shrestha. | Info      |
| <b>2</b> | <b>Confirmation of Minutes of the 5<sup>th</sup> Meeting of the 2005 Committee</b>  |           |
| 2.1      | The minutes of the 5 <sup>th</sup> meeting of 2005 Committee held on 11 <sup>th</sup> October 2005 was confirmed with the following amendment. <ul style="list-style-type: none"><li>• In the first line of item 4.6, the name “Dr. Praba Kundur” should be corrected as “Dr. Prabha Kundur”.</li></ul>                                 | Info      |
| <b>3</b> | <b>Matters Arising from Minutes</b>   |           |
| 3.1      | In relation to item 4.5 of minutes, Mr. Teh informed that the chapter has collected all the outstanding money for the one-day workshop held on 5 <sup>th</sup> Sep 2005.  | Info      |
| 3.2      | In relation to item 5.2, Dr. Chen reported that the annual member dinner was held successfully on 25 <sup>th</sup> Nov 2005. The attendance was sufficient to occupy four tables.   | Info      |

3.3 In relation to item 13.1, Dr. Srinivasan briefed the committee about the proposed financial support program for conference registration. The committee deliberated in length on this topic and agreed on the following.

- Dr. Srinivasan will chair the Conference Support Subcommittee.
- The other members of the subcommittee are the members of the Awards Subcommittee.
- The financial support is provided to cover registration fees of IEEE organized/supported local or international conferences in the areas of Power Systems and Power Electronics.
- The financial support from the chapter is capped at S\$500 per award.
- Up to a maximum of four or five awards will be granted per year.
- The conference support program is meant for IEEE PES members. Non-IEEE members can apply for the award but they must obtain their IEEE PES membership before their application is considered.
- The original receipt of conference registration must be submitted to the chapter.
- Members who receive the award must reciprocate to the chapter by giving a technical talk to the chapter members after the conference.
- The chapter will sponsor the IEEE membership fee of the successful applicants for the subsequent year.
- If a member of the subcommittee wishes to apply for this award, he/she must leave the subcommittee before applying.
- The application form and the guidelines are to be finalized by the subcommittee and to be circulated among all committee members before the next committee meeting.
- It is intended to launch the award scheme by the end of March 2006.

DS  
RG  
LKG  
SKS

#### 4 Duty Assignments

4.1 The chairman proposed the duty assignments for 2006 as follows.

Technical : **LTT**, DS, SKS  
Social: **TGH**  
Awards: **RG**, LKG, SKS  
Memberships: **MHH**, QSX  
GOLD: **QSX**  
Student Liaison: **DS**, LTT  
Women in Engineering: **DS**  
Webmaster: **CS**, SR (temporarily)

Info

The name appearing first in bold face is the chairperson of that subcommittee. The Chairman informed that he intends to search for a member who is capable of acting as the webmaster.

All the members present at the meeting agreed with the proposed duty assignments.

#### 5 Technical Activities

5.1 Dr. Chen reported on behalf of Dr. Lie on the details of organizing the one-day workshop and the technical talk by Dr. Prabha S. Kundur, President and CEO of

Powertech Labs Inc., Canada.

One-day Workshop:

- Topic: "Power System Stability and Control"
- An IEEE Distinguished Lecture Program
- Date and Time: Monday, 13<sup>th</sup> February 2006; from 9 am to 5 pm
- Venue: Grand Copthorne Hotel
- Registration Fees: S\$100 for IEEE Members and S\$250 for Non-Members

So far, there is only one member registered to attend the workshop. Therefore, it was decided to publicize this event among the local industry such as PowerGrid Ltd. and to regional countries such as Malaysia. Dr. Goel has agreed to email the workshop details to his contacts in neighboring countries.

Technical Seminar:

- Topic: "Sustainable Electric Power Systems in the 21<sup>st</sup> Century" Requirements, Challenges and the Role of New Technologies"
- Date and Time: Tuesday 14<sup>th</sup> February 2006 ; 7-8 pm
- Venue: To be decided

LTT  
DS  
SKS  
Q SX

As for the technical talk, the number of registration to date is also low. Therefore, it was decided to resend the email notification to all chapter and IEEE members. As high participation is expected for the technical talk, a venue which can accommodate more than 50 persons is to be sought. The Grand Copthorne Hotel and Singapore Polytechnic were identified as two possible venues. Dr. Goel suggested that this event can be co-organized with IEEE Singapore Section. The profit/loss sharing can be 50% each for the two co-organizers.

CS  
LTT  
RG

All

All the committee members were requested to attend these two events, depending on their availability.

LTT

It was also decided to host a dinner for the speaker on the day of the workshop at the Grand Copthorne Hotel, where the speaker is staying.

- 5.2 Dr. Goel reported about the proposed technical talk by Prof. Aware from India. The talk will be co-organized with NTU. The refreshments will be provided by the Power Engineering Chapter. It is expected to be held on a date from 25<sup>th</sup> Feb to 28<sup>th</sup> Feb. The seminar is to be confirmed and the date announced after consulting the speaker.

LKG  
LTT

- 5.3 Dr. Goel reported about the IPEC2005 conference co-organized by the Power Engineering Chapter. The conference was held from 29<sup>th</sup> Nov to 2<sup>nd</sup> Dec 2005 at the Marina Mandarin Hotel in Singapore. About 265 papers from 29 countries were included in the proceedings. The two tutorials and the keynote speeches were well received by the participants. A total profit in the range of \$85,000-\$90,000 is expected and shall be made known once the account is finalized. It was also reported that the IPEC organizing committee has proposed to hold IPEC2007 in Nanjing, China, in collaboration with NARI (Nanjing Research Institute) as the local co-organizer. A delegation of IPEC2005 committee is to visit NARI in Feb or March 2006 to arrive at a final decision. During the

Info

negotiations, it is intended to propose a 30% share of profit/loss for NARI and the rest of 70% for all the co-organizers in Singapore. Considering the greater role played by NTU in organizing IPEC conferences in the past, NTU has proposed the following sharing of the 70% profit/loss that is allocated for all co-organizers in Singapore.

NTU - 40% , IEEE Power Engineering Chapter-10%, IEE -10%, IES - 10%

The committee discussed in length about the rationale for the unequal sharing of profit among the co-organizers and finally agreed for the proposal, provided that IPEC undertakes to bear the cost of auditing which is currently borne by the power engineering chapter.

- 5.4 The Chairman reported that Munich International Trade Fairs Pte Ltd (MMI) approached the Power Engineering Chapter to look into the possibility of organizing a conference under the theme “Energy Conservation and Management in Buildings” in conjunction with their biennial Trade Fair “Baucon Asia 2007” to be held in the last quarter of 2007. A delegation of MMI had a meeting with Dr. Chen and Dr. Rajakaruna on this matter on 20<sup>th</sup> Dec 2005 at NTU. The conference has to be run independently with no financial or technical support from MMI but can share the same venue and hold some functions jointly. Since the proposed conference date is too close to IPEC2007 and the concern that the number of papers in this area is generally low, the Chairman had virtually turned down the proposal, but had not confirmed the decision without consulting the committee. The committee fully agreed with the decision of the Chairman in not agreeing to the proposal. CS
- 5.5 It was also agreed to hold the earlier postponed technical talk by Prof. Govinda Shrestha on “Transmission Planning in Deregulated Environment” in this year. The date of presentation is to be fixed in consultation with the speaker. LTT  
DS  
SKS
- 5.6 Regarding the possible visits to industrial plants, Mr. Teh informed the committee about the possibility of organizing trips to a ship building/repair facility of Keppel Marina and to the power plant of Power Seraya Ltd. Furthermore, Dr. Goel also suggested that a tour to Tuas Power Ltd. would be of great interest to the members. LTT  
DS  
SKS  
TGH

## 6 Social Activities

- 6.1 The Chairman proposed to organize a social activity such as a fishing outing so that all the chapter members and their families can participate in an outdoor environment. In this regard, the social activities subcommittee was requested to bring forward suitable proposals at the next committee meeting. The one week period just before the mid-year school break was identified as a suitable period to organize this event. TGH  
CS

## 7 Awards

- 7.1 Dr. Goel reported that about US\$700-\$800 is expected to be received at the end of the month as the prize money for the High Performing Chapter Program (HPCP) award. The selection of Outstanding Chapter of 2005 is to be done at the end of March 2006. The awards subcommittee needs to submit the RG  
LKG

necessary forms to qualify for this award.

- 7.2 Regarding the Outstanding Engineer award, Dr. Goel reported that it was not awarded in the past few years due to the lack of qualified nominees. The committee decided to avoid this situation by nominating one qualified person by the awards subcommittee, in addition to the nominations received from the general membership. LKG

## **8 Membership Matters**

- 8.1 The Chairman emphasized the importance of attracting more members to the chapter. In this regard, Ms. Quek proposed to increase the awareness about the Power Engineering chapter and its activities among the power engineering students in the two Singapore universities as she felt the need as a recent graduate. Furthermore, she also proposed to conduct a survey/feedback among the recent graduates about the Power Engineering Chapter. The committee agreed to her proposals and requested the membership subcommittee and the student liaison subcommittee to implement these proposals. DS  
LTT  
MHH  
Q SX

## **9 Web Matters**

- 9.1 The Chairman requested all committee members to look for a suitable person who could join the committee as the webmaster. Info

## **10 GOLD Program**

- 10.1 Ms. Quek who will act as the chapter representative for the GOLD program was briefed about its function. The achievements of her predecessor Mr. Tan were commended by the committee. Info

## **11 Student Liaison**

- 11.1 It was reported by Dr. Srinivasan that the NUS branch has been organizing many events. Info

## **12 Women in Engineering**

- 12.1 There was nothing to report on this topic. Info

## **13 Treasurer's Report**

- 13.1 Mr. Teh reported that the account balance is \$144,460/= based on the account statement up to 31<sup>st</sup> October 2005, He had yet to receive the bank statements for the last two months of 2005. It was decided that Mr. Teh should continue to keep the cheque book and issue cheques until the signatories are changed for 2006. The hardcopies of transactions in 2005 will be handed over to the treasurer of Singapore Section for safekeeping. A receipt for handing over the documents will be requested. TGH

13.2 The Chairman informed that the section was provided with the details of the three signatories for 2006, namely, Dr. Chen, Dr. Rajakaruna and Mr. Tan. Dr. Srinivasan opted not to be the fourth signatory. The signatories for 2005 will be accepted by the banks until the new signatories take effect as advised by the Section. Info

#### **14 AOB**

14.1 Dr. Gupta informed the committee that it is time to make the payment for the two book prizes to Singapore Polytechnic and Ngee-Ann Polytechnic. The committee agreed to make the due payment of \$200 for each book prize. TGH

14.2 Dr. Gupta and Dr. Goel informed about their visit to Bangkok, Thailand to attend the PES Region 10 meeting. The structure of the PES Region 10 was described by Dr. Goel and a CD containing the structure, forms, awards etc. was handed over to the Dr. Chen for possible uploading of some useful material to the website. CS

14.3 The committee agreed to hold its next meeting in the 3<sup>rd</sup> week of March 2006.

There being no other matters for discussion, the meeting ended at 8.50 pm.

Recorded By: Dr. S. Rajakaruna

Vetted By: Dr. S. Chen