

Tentative Program – cont'd

Tuesday, 29 May 2014

0800 – 1400 Technical Visits

Important Deadlines:

1	Submission of Abstract ^{*)}	Jan. 31, 2014
2	Notification of Acceptance	Feb. 28, 2014
3	Submission of Full Papers ^{**)}	Apr. 30, 2014
4	Technical Meeting	May 27 - 29, 2014

*) Abstract should be with more than 500 words . A maximum of 2 pages are allowed.

***) Papers must be written in English. A maximum of 6 pages are allowed for each paper, including all illustrations and references. The format of the papers shall comply with CIGRE Rules.

Registration Fees

Informed later

Organizing Committee

Chairperson:	Ichiro Tai (Chairman – JNC-CIGRE)
Co-Chairperson	Dr. Norkun Sitthiphong (Chairperson, AORC-CIGRE)
Deputy Chairperson:	Shoshi KATAKAI (Chair of the JNC Panel B1)
Secretary:	Boonmarg SMITTHILEELA, (Secretary AORC-CIGRE) Shinta FUKUI (Secretary of JNC-CIGRE)
Assistant Secretary:	Kenichi HATTORI (Assistant Secretary AORC-CIGRE)
Members:	Kazuki TERASHIMA (Chair of the JNC Panel B2) Yoshinori MAKINO (Chair of the JNC Panel B4) Takatoshi SHINDO (Chair of the JNC Panel C4) Hiroshi ASANO (Chair of the JNC Panel C5) Hideo TANAKA (Member of the JNC Panel B1)
Local Members:	Toshihiro TAKAHASHI, Ryota TANINOKI, Tomohiko SHINOZAKI, Kenichi NOJIMA Kiyotomi MIYAJIMA, Takahisa MASHIKO

Technical Committee

Chair:	Varavoot SIRIPOL (Chairman – TNC Technical Committee)
Deputy Chairperson:	Shoshi KATAKAI (Chair of the JNC Panel B1)
Secretary:	Patana SANGSRIROUJANA (Secretary of TNC-CIGRE)
Assistant Secretary:	Kenichi HATTORI (Assistant Secretary AORC-CIGRE)
Members:	Kazuki TERASHIMA (Chair of the JNC Panel B2) Yoshinori MAKINO (Chair of the JNC Panel B4) Takatoshi SHINDO (Chair of the JNC Panel C4) Hiroshi ASANO (Chair of the JNC Panel C5) Hideo TANAKA (Member of the JNC Panel B1)
Local Members:	Shoji MASHIO, Tomohiko SHINOZAKI, Toshio INOUE, Shozo SEKIOKA, Ken FURUSAWA



Asia-Oceania Regional Council of CIGRE (AORC-CIGRE)

AORC Technical Meeting 2014

"Interconnections and Connecting New Power Sources to the Grid"



May 27 – 29, 2014

Arcadia Ichigaya, Tokyo, Japan

First Call for Papers and Tentative Program

Hosted by:

Japanese National Committee of CIGRE (JNC-CIGRE)

Organized by:

AORC-CIGRE and JNC-CIGRE

Leading SC:

SC B1 supported by SC B2, B4, C4, and C5

Background and Invitation

Historically, electric power sources have been remotely located from power demand area. As the output of the power sources and the power demand grew, the distance between them became larger. In some countries, the electricity has been transferred over several hundred kilometers. Toward the low-carbon society, several countries defined challengeable targets such as to incorporate 53GW photovoltaic by 2030, which is a case in Japan. Nowadays, such cases can be observed throughout countries in Asia-Oceania region as well as other areas in the world.

Dispersed generations which are mainly located near the demand area might have been expected to provide for the local consumption but it could cause the connecting issues due to the instability of current dispersed generation.

For the Technical Meeting, AORC-CIGRE has agreed to broaden the range of topics with the theme of:

" Interconnections and Connecting New Power Sources to the Grid "

New Power Sources might contain photovoltaics, wind turbines, large batteries, electric vehicles, or even conventional thermal or hydro generators with new technologies or usages. Lately, the best mix of power sources would have been changed. While laws and regulations with attractive tariffs have been established together for the development of renewable energies. Some adverse effects including technical and/or economical difficulties have emerged. However, it is expected that the AORC countries share their knowledge and technologies, and it will surely contribute to overcome these potential problems.

In this meeting, authors are invited to present papers on experience, researches, analyses and operations with respect to development, integration issues and solutions of interconnections and dispersed renewable energies.

A technical visit is also being organized.

On behalf of the Organizing Committee, it is our pleasure to invite the authors and delegates from all members of CIGRE to join AORC Technical Meeting 2014 in Tokyo, Japan.

Dr. Ichiro Tai
Chairperson, JNC-CIGRE

Dr. Norkun Sitthiphong
Chairperson, AORC-CIGRE

Topic and Sub-Topics

(1) *New RE Power Sources*

- Renewable Energy Source : Mini Hydro, Micro-Hydro, Solar PV, Solar Thermal, Biomass, Wind Power, Energy Storage
- CDM

(2) *Connections*

- On Shore and Off Shore Interconnection
- HVDC transmission (Overhead, Underground and Submarine)
- HVDC system (Converter Station)
- Conversion from Overhead to Underground Transmission
- Long Distance HVAC Cables

(3) *Markets, Regulations and Tariffs*

- Renewable Energy Support Mechanism
- Market Design & Experiences for Renewable Integration
- Electric Vehicle/Plug-in Hybrid Vehicle Integration

(4) *System Technical Performances*

- Lightning Protection for Renewable Power Sources and Distribution Lines Connected to Them
- Influence of Large Installation of Renewable Energies on Power System

(5) *Operation Issues and Solutions*

- Smart Grid : Transmission / Distribution
- Operational Aspects : Access Requirements

Please submit the abstract of your proposed paper by January 31, 2014 via email:

Naomi Mizumura (JNC Office) Email address: aorc2014@syl.t.u-tokyo.ac.jp

Tentative Program

The AORC Technical Meeting 2014 will benefit all participants from the whole CIGRE member countries.

Tuesday, 27 May 2014	
0800 – 0900	Registration
0900 – 0930	Opening Ceremony
0930 – 1030	Keynote Speech (1) - Report from CIGRE Central Office - Report from JNC representative - Report from TNC representative
1030 – 1100	Break
1100 – 1230	Plenary Session - Report from AORC countries
1230 – 1400	Lunch Break
1400 – 1630	Technical Session Break Technical Session
1800 – 2100	Banquet
Wednesday, 28 May 2014	
0800 – 0900	Registration
0900 – 1230	Technical Session Break Technical Session
1230 – 1400	Lunch Break
1400 – 1730	Technical Session Break Technical Session