

INTEGRATION OF WIDE-SCALE RENEWABLE RESOURCES INTO THE DELIVERY SYSTEM

CALGARY – Canada

29-31 July, 2009



Symposium Venue

Delta Bow Valley Hotel
Hotel Hyatt

Symposium Websites

<http://www.cigrepes2009.org/>

<http://www.cigre.org/gb/events/symposium.asp>

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The Symposium is organized by CIGRE and IEEE PES in cooperation with the Canadian and US National Committees, and Study Committee C6 (Distribution Systems and Dispersed Generation)

BACKGROUND and SCOPE

Wide-scale integration of renewable generation will bring new technical challenges for planning, operating and maintaining the power system. Variability of wind and solar energy call for new approaches: to connect generation; to schedule, dispatch and balance energy; for protection and frequency/voltage control.

The objectives of the Symposium are:

- To address the technical issues related to the emergence of new generation means, for example integration, operation and control of energy, in both transmission and distribution systems
- To present practical examples and best practices
- To assess more general issues as environment impacts and compatibility with electricity markets.

PARTICIPANTS

The Symposium is directed toward electric transmission system operators, generators, manufacturers, traders, design engineers, universities and regulators.

MAIN TOPICS

The Symposium comprises 12 sessions as described in the time-table hereafter. Each session will start with a short presentation of the papers by the author, followed by a discussion.

Wednesday July 29th		Place
3.00 p.m. – 5.00 p.m.	Opening Session	Delta Bow Valley Hotel
6.30 p.m.	Welcome cocktail	Delta Bow Valley Hotel
Thursday July 30th		
8.30 a.m.–10.30 p.m.	Session 1.1 & Session 2.1	Hyatt
11.00 a.m.–1.00 p.m.	Session 1.2 & Session 2.2	Hyatt
3.00 p.m. – 5.00 p.m.	Session 1.3 & Session 2.3	Hyatt
Friday July 31st		
8.30 a.m.–10.30 p.m.	Session 1.4 & Session 2.4	Hyatt
11.00 a.m.–1.00 p.m.	Session 1.5 & Session 2.5	Hyatt
3.00 p.m. – 5.00 p.m.	Closing Session	Hyatt

Meetings of Study Committee C6 and Working Groups will take place on Monday and Tuesday before the event.

Registration Fee

Early registration (Up to July 1st)

CIGRE & PES Members:
425 US \$

Non Member: 475 US \$
Companion: 50 US \$
Students : 70 US \$

Late registration After July 1st & on-site registration

CIGRE & PES Members:
525 US \$

Non Member: 575 US \$
Companion: 75 US \$

**Discounted rate with PES
GM registration: deduct
50 US \$**

Registrations Website

<http://www.cigrepes2009.org/>

REGISTRATIONS

The Symposium is open to all. Registrations can be made in advance on line <http://www.cigrepes2009.org/> and also on arrival at the Symposium.

The registration fee covers:

- Attendance and participation in discussion meetings,
- The CD-ROM of papers (forwarded to participants by air-mail) if payment is received before July 17th,
- Participation in the welcome cocktail,
- Coffee breaks,
- Lunch is on one's own.

Late registrants will collect their Papers CD-ROM on arrival at the Symposium.

PAYMENT OF FEES

All attendees at the meetings (including authors of Papers) are expected to pay the full registration fees.

Early Registration:

The registration and payment must be made before July 1st.

Late registration:

All participants can register online via the website up to July 17th. After this date registration can be made on site only, with payment by Credit Card or in cash.

CANCELLATIONS

Cancellations and replacements will be accepted only up till July 17th, against a penalty of 50 US \$.

HOTEL RESERVATIONS

Hotel accommodation has been booked at Delta Bow Valley Hotel.

Details on:

- CIGRE website:
www.cigre.org/gb/events/symposium.asp

-Book on:
www.deltabowvalley.com/gfaieee79

Optional Tourist Tours will be organized against payment with the PES GM, see the relevant reservation form on:

www.cigre.org/gb/events/symposium.asp

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