



Newsletter, April 2003

Storage meets the challenges of a changing power industry

Reminder

**ESA's Seventh Annual Meeting—Toronto May 21, 22,
2003**

Electricity Storage and Restructuring

The ESA's seventh¹ annual meeting will be at the Westin Harbour Castle in Toronto, Canada on Wednesday and Thursday 21, 22 May. The theme for the meeting will be: "Electricity Storage and Restructuring." Changes in the electric power industry that began a decade ago are proliferating rather than stabilizing as one patch after another is injected into the regulations governing the industry. The agenda for the meeting (available on the ESA website) provides a forum to discuss those changes and their impact on electricity storage technologies and the enterprises producing storage devices. We will have discussions on session topics such as "FERC's Standard Market Design", "Storage as an Aid to Transmission", "Storage as an Ancillary Service", and "Life Cycles Costing and Benefits of Electricity Storage Systems".

Additional slots are available for those wishing to make presentations. Please contact the Meeting Chair, Dr. William Hassenzahl, email b.hassenzahl@electricitystorage.org with your request. A formal call for presentations is available on our website to provide further guidance. We are especially interested in news of the latest developments in electricity storage, either as a presentation in its own right, or as part of the members' news briefs towards the end of the meeting.

The ESA network

As always, networking is an important feature of ESA meetings and there is time for discussions during the course of the meeting. To enhance your pleasure at the end of a long day of meetings and visits, the conference dinner will be on the Mariposa Belle, the Queen of the Lake Ontario Steamers. If you are bringing your partner to the meeting, they would also be most welcome to buy a ticket for the boat trip and dinner. Details are on the meeting registration form.

¹ We count from the formation of the Energy Storage Association, although as the successor to the Utility Battery Group we claim twelve years service to the electricity storage community.

The Westin Harbour Castle, One Harbour Square, Toronto is the jewel of the Toronto hotels. Overlooking the Toronto Bay, it has easy access to downtown Toronto, either by free shuttles or a modest walk. Reserving your room at the hotel and identifying your booking with the ESA 2003 meeting allows us to gain a credit on the hire of the meeting rooms. This helps us to keep our costs down and so helps you! If you have not made your reservations please do so now.

Call for Papers EESAT 2003 San Francisco October 27-29, 2003

The EESAT 2003 (Electrical Energy Storage Applications and Technologies) Conference will take place in San Francisco, California, from October 27-29, 2003.

International technical and commercial experts will meet at the Sir Francis Drake Hotel in San Francisco to emphasize the latest developments on the use of electricity storage in the power industry. Electricity storage technologies are increasing in their scope and performance and bring commercial and technical benefits to the power industry. This was the venue for the previous EESAT conference and it proved to be a very popular location.

As in the past, the EESAT Committee is expecting attendees from around the world, making this an exciting and up-to-the-minute event. More than 150 persons attended EESAT 2002 and, judging by the responses of the attendees, EESAT 2003 promises to be even greater.

This Fourth Conference on Electrical Energy Storage Applications and Technologies, sponsored by the US Department of Energy, Sandia National Laboratories, and the Electricity Storage Association, is intended for the dissemination of papers on specific electrical energy storage technologies and applications, with an emphasis on the latest commercial developments for the use of electricity storage in the power industry.

EESAT03 will address the full range of electrical energy technologies, including conventional and advanced battery energy storage, super capacitors, SMES, flywheels, CAES and pumped hydro. Both technical and economic papers from international sources will be presented.

The EESAT Committee urges all interested persons to consider submitting a paper for presentation at the conference.

FINAL PAPERS FOR PRESENTATION WILL BE CHOSEN BY THE COMMITTEE FROM ALL ABSTRACTS SUBMITTED BY THE DEADLINE.

Abstracts must be submitted no later than **May 30, 2003**.

Questions? Contact:

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Dr. Philip Symons (p.symons@electricitystorage.org)

a) *Nancy Clark at 505-845-8056 in the US; or nhclark@sandia.gov*

b) *eesat02@sandia.gov*

Please visit the EESAT 2003 web site often for further details as they become available (<http://www.sandia.gov/eesat>)

Board of Directors Elections

The ESA board

A reminder, that the ESA board members are not permanent positions! Please contact Jim McDowell (j.mcdowell@electricitystorage.org) by May 1 if you are an ESA member and are interested in serving the community as a member of the board. The elections for several positions in the board of directors will be conducted during the ESA meeting in Toronto in May.

A time for statements from candidates and elections will be held during the meeting.

Subscriptions and meeting registration

We have tried to simplify the arrangements for subscriptions and meeting registrations. We are a membership organisation and we welcome membership in the following ways:

- ? You can subscribe on line, your membership subscription entitles you (or any ONE individual from your organisation) to attend the ESA meetings free of other charges for the year.
- ? You may print off a membership form from our website and send it together with your credit card details or payment by cheque / check to our treasurer and as above your membership subscription entitles you to attend the ESA meetings for the year
- ? You may register for the meeting, in which case your meeting registration fee also counts as an annual subscription for your organisation.
- ? You may request an invoice from our treasurer if this is the appropriate way for you or your organisation to process the payment. Please send an e-mail to c.rubino@electricitystorage.org if you wish to receive an invoice.

In all cases, one annual membership and equivalently, one meeting registration costs \$750. Extra places at the meeting cost an additional \$750. We believe that these fees are at the right level to encourage a good attendance from all those with an interest in storage and will allow us to balance our budget for the year.

We hope that you are enthused about the potential of electricity storage and will consider becoming a sponsor. The additional sponsor support of \$1000 entitles you to place your logo on the home page of our website and also gives you the opportunity to display materials at our meetings, as well as being acknowledged as a sponsor in other appropriate publicity. We are grateful to EPRI, SAFT, S&C Electric, Regenesys Technologies and WE Energies for their support as sponsors for 2002.

Other meetings

The board has been discussing future events, taking us forward to 2004. We intend to have a presence at the IRR Global Business Continuity Conference to be held in London, UK on October 7 – 9. Details will be published by IRR over the coming months. We are planning a meeting in Europe for early in 2004 and we intend to hold our next annual meeting in the USA next May. More details of these at the annual meeting.

Changes in the power industry

It seems almost impossible to keep up with announcements and proposals for restructuring of the power industry in North America, but we are also very aware that there are many changes taking place across the world. We are an international organization and we will try and keep a balance between the continents. Our annual meeting will provide a great opportunity for us all to exchange views and promote the benefits, applications and technologies of electricity storage.

The recent meetings in California, organised by the California Energy Commission and the Department of Energy show an increased awareness of the role of storage in the power network. There are similar initiatives in Europe, with storage being addressed in the Framework 6 program of the European Union. We also know of good support for storage in Australia. We would be happy to promote news about these initiatives in future newsletters. Please let us know if you have details that can be published for the benefit of our members.

Electricity storage in the news!

Electricity storage continues to hit the headlines!. There have been articles in the MIT technology review, Modern Power Systems (March issue) and in the launch issue of Regen, a new magazine about renewable energy.

We are always happy to include some short items from members for this newsletter. If you have information about projects, products or other news that you would like published in this format please send them to newsletter@electricitystorage.org

ESA website www.electricitystorage.org



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