



## **Newsletter, January 2003**

### ***Storage is potential energy!***



Those of us who attended the recent ESA mini-meeting held in conjunction with the DOE Energy Storage Systems Peer Review Meeting in Washington last November enjoyed a very interesting presentation by Rusi Patel of Xenergy/KEMA Consulting concerning the proposal by FERC for reforming the wholesale power market. The proposal, known as SMD (Standard Market Design), contains many wide-ranging changes but does not mention the potential benefits of electricity storage.

The ESA has submitted its comments to FERC in response to the NOPR (Notice of proposed regulation) on the SMD. We centered our comments on the following points:

- | The ESA supports the overall intent of the policy of the SMD but we are concerned that the magnitude of electricity storage in electric power systems today is not adequately recognized and, as a result, the SMD does not address the potential value of electricity storage systems.
- | The ESA would like to ensure that the SMD takes advantage of the improvements to system reliability and efficiency provided by state-of-the-art electricity-storage technologies. There is no method in the SMD for attributing value to improved overall system efficiency or to reduced environmental impact.
- | FERC recognizes that previous rulings do not adequately address the markets for ancillary services. However, there is little in the proposed regulation to encourage investment in technologies and systems that provide ancillary services. Thus, the ESA recommends that the final FERC order address this issue in a way that encourages the open market supply of ancillary services.
- | The SMD will require considerable effort for deployment. The ESA recommends a measured implementation process to ensure flexibility and effectiveness in the revamped electricity market.

The Board voted to send our comments, signed by our Chairman, Dr Phil Symons, to FERC. A copy of our filing is available on our website. Our document was prepared by a group of members and interested parties formed from attendees at our Washington mini meeting and led by Dr. William Hassenzahl of Advanced Energy Analysis.

We shall continue to monitor the development of the SMD and other issues of importance to the electricity storage community. We will continue to comment when we believe that it is appropriate to do so. As a membership organization, we encourage our members to take an active role in publicizing the benefits and applications of electricity storage, not only in North America but also in the other countries where we have members.

## ESA in 2003: Electricity Storage and Restructuring

Our annual meeting will be held in Toronto, Canada on Wednesday and Thursday 21, 22 May. The theme for the meeting will be: "Electricity Storage and Restructuring." We expect there to be considerable discussion on topics such as "Storage as an Aid to Transmission", "Storage and Ancillary Services", "Storage Requirements for Renewables in a Restructured Market", and "Life Cycle Costing of Electricity Storage Systems". We have begun to solicit papers for the agenda, but if you would like to make a presentation please let Dr. William Hassenzahl of Advanced Energy Analysis know – email [b.hassenzahl@electricitystorage.org](mailto:b.hassenzahl@electricitystorage.org) There will be a more formal call for presentations posted on our website by the end of January 2003, please refer to it if you need further guidance. We are especially interested in news of your 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.

We recognize that the networking aspect of our meetings is one of the most important features and we will make time available for discussions during the course of the meeting. We shall be holding our conference dinner on one of the steamers on Lake Ontario – the traditional boat trip is always a popular activity at ESA meetings. 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.



The meeting will be held in the Westin Harbour Castle, One Harbour Square, Toronto. Reserving your room at the hotel and identifying your booking with the ESA 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! As a special incentive, we will enter the names of all those who book their room with the hotel **before 1 March** into a draw for a bottle of a fine Californian wine. You can help us by making your reservation as early as possible—go on do it now!

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## Subscriptions and meeting registration

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

- ? You can subscribe on line, your membership subscription entitles you (or any ONE individual from your organization) 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 check or money order 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 organization.

? You may request an invoice from our treasurer if this is the appropriate way for you or your organization to process the payment. Please send an e-mail to [c.rubino@electricitystorage.org](mailto: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 as enthused as we are 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.

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## Proceedings of our Milwaukee Meeting

Copies of a CD containing copies of all presentations at our meeting held in Milwaukee during October 2002 were mailed to all members and registered attendees at the meeting. If you did not receive your copy, or wish to purchase a copy for \$350 please e mail [c.rubino@electricitystorage.org](mailto:c.rubino@electricitystorage.org)

## Our new website!

We haven't moved, but we have had the decorators in to give us a new look to our website! Please visit [www.electricitystorage.org](http://www.electricitystorage.org) The new layout will help you find information on the ESA and storage technologies, renew subscriptions and make meeting registrations. Our thanks to Ben Norris of Gridwise Engineering for managing this project and to Ali Nourai of AEP who maintains our technology pages.

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## Future Events and Member News

February 13, California Energy Commission, open workshop meeting

The California Energy Commission Public Interest Energy Research (PIER) Program in collaboration with the DOE Energy Storage Systems Program are holding a workshop for those wishing to participate in the upcoming RFP for demonstration projects in new and emerging electricity energy storage technologies. The meeting is in Sacramento on Thursday 13 February 2003. Details from <http://www.energy.ca.gov/pier/index.html>.

ESA main meeting May 21, 22 2003, Westin Harbour Castle, Toronto

EESAT, October 27 – 29, 2003. Sir Francis Drake, San Francisco

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](mailto:newsletter@electricitystorage.org)

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