



Newsletter, February 2002

Electricity storage at work today

There is to be an afternoon meeting called: "Energy Storage: Where do we go from here?" This afternoon workshop is being organised by the Institute of Energy in London, UK on 5 March as part of a process to inform the UK government's foresight panel. The workshop is free of charge, but participants will need to register beforehand by emailing events@instenergy.org.uk. Our apologies for the late notice of this event. It is pleasing to note that electricity storage is becoming more regarded as a key part of power networks.

EESAT 2002 April 15–17th - San Francisco, CA

Arrangements for the next EESAT conference (Electrical Energy Storage Applications and Technologies) are being finalised. You can register for the meeting through the EESAT website. ESA members can register for this conference at reduced rates. You can now renew your ESA membership online by using a credit card and visiting the ESA website. We have sent out reminder letters to all of our members inviting them to renew their membership for next year, so please make sure you renew your membership. Members will be given registration at a discounted rate for the EESAT conference as well as free registration for our main meeting in October 2002. There is a link to the EESAT website through our website.

The IEEE Power Engineering Society has confirmed that it will be a technical co-sponsor of EESAT 2002. We are working with the Power Engineering Society to see how we work together for our mutual benefit.

ESA Main meeting October 10 & 11 - Milwaukee, WI

Our main meeting this year will be held in Milwaukee in October. Our theme for the meeting will be "Electricity Storage at work today!" We are currently identifying session titles and potential speakers and firming up the program. The meeting will provide an opportunity to visit ZBB and S&C Electric Company, both companies are active in developing and commercialising electricity storage.

We have taken note of comments and points raised at our last full meeting and this year there will be more time available for networking and discussion. If you are willing to make a presentation at this meeting, please let the meeting chairman, Brad Roberts know as soon as you can. You can contact him by email at b.roberts@electricitystorage.org

Member News

Golden Valley, Alaska

Site preparation work has begun for the Golden Valley Electricity Association's BESS contract, and the system will be online with reduced battery power in July 2003. The battery will be fully installed by December 2003. This 40 MW system in Alaska is sure to raise its profile over the coming months. Tim DeVries of GVEA will describe the system and the vendor selection process in presentations at both EESAT 2002 and Battcon 2002.

TEPCO offers one-stop service for NAS batteries

Last October, TEPCO announced that they would start direct selling of NGK's NAS (Sodium sulphur) batteries for customers who demand high quality electricity. A 2 MW system is to be installed at the International Media Centre as part of the preparations for the 2002 FIFA World Cup.

NGK will mass-produce NAS Batteries from April 2003 at an initial production rate of 50MW/Year.

VESS for Pacificorp

Vantech (VRB) Technology Corp. announced that it has agreed to supply PacificCorp with a 250 kW - 2000 kWh (8 hour) Vanadium Energy Storage System ("VESS"). The VESS unit, which will be modular and relocatable in design, will be used by PacificCorp to supply peak power capacity and provide end of line voltage support (supplying up to 250 kVAR of reactive power) in a remote area in Southeastern Utah. Installation and commissioning of the VESS unit is scheduled to be completed by June 30, 2002. Because the unit is portable, it can be moved to another location as needed in the future. This will be the first large-scale commercial user-based application of VESS technology in North America.

ESA Industry Forum

Considerable progress has been made with the formation of the ESA Industry Forum. Non-binding agreements have been received from four members and we hope that an equal number will be able to confirm their membership in due course. This should give us a viable number of participants to fund a program to focus attention in the short term on getting the benefits of storage identified in the forthcoming US Energy Bill, and also seek to increase funding for the US Energy Storage Program. As a major international membership organisation, we have an enthusiastic range of supporters who will be able to give credibility to this initiative. We will also look to how we can develop electricity storage elsewhere, including Canada, Europe and Asia. The messages that are developed will have relevance to our members world-wide. If you are interested in finding out more about the forum please contact Anthony Price by e mail at a.price@electricitystorage.org

Business Week, 4 March edition

We were delighted that our Chairman, Dr Philip Symons was interviewed for *Business Week magazine*, and the ESA was mentioned in an article on uninterruptible power systems: “*Fixing the quick dips that cost a bundle.*” We have provided information for other journals and hope to see more articles over the coming months.

Future Events and member news

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

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