

# IEEE POWER ENGINEERING SOCIETY

## ENERGY DEVELOPMENT & POWER GENERATION COMMITTEE

### ENERGY DEVELOPMENT SUBCOMMITTEE

#### DISTRIBUTED GENERATION (DG) & ENERGY STORAGE (ES) WORKING GROUP

Chairman: John Bzura, Ph.D., P.E., National Grid USA Service Company

Meeting on Tuesday, July 22, 2008, 5:00 p.m., Conference Center, Pittsburgh, PA

Minutes of Meeting – Agenda is attached

Chairman Bzura called the meeting to order at 5:05 p.m. In accordance with agenda item 1, introductions were requested in detail, as usual, so that members and guests have a better understanding of each person's areas of work and interest. There were 28 people present (a new record), and a wide range of capabilities and topics of interest were noted.

Re agenda item 2, feedback was requested from the group on today's panel session, pro or con, entitled ***"Advances in Distributed Resources – 2008"***. This ran from 2:00 to 4:30 p.m. Attendance averaged about 30 people during the session and many questions followed, for about 15 minutes. The Chairman congratulated the presenters on jobs well done, continuing the high standards of prior WG member presentations over the past seven years.

Re Item 3, openings in the WG for the positions of Vice Chairman, Secretary and Webmaster, several people volunteered to take on one of these positions. Since four people expressed interest in the Vice Chairman position, an election will be held by e-mail ballot. Regarding the position of Secretary, Bartosz Wojszczyk of Quanta Technology has agreed to take on the duties required. Regarding the Webmaster position, Michael Knauff of Drexel University will bring his expertise in this area to the job. I thank you both, Bartosz and Mike, for your offers of assistance in these positions.

Re Item 4, we began a discussion of items for a DG&ES Panel session at the 2009 General Meeting in Calgary, Alberta. All the agenda items were brought up for discussion, and there was good participation from most attendees. The topics to be pursued and people who either volunteered to create a presentation or expressed willingness to work toward a session are listed below.

1. Update on the Rolls-Royce Solid-oxide Fuel Cell system – Dave Nichols
2. Investigation of Plug-in Hybrid EVs (PHEVs), including Vehicle to Grid (V2G) option, and their effects on distribution systems – J. Bzura, C. Lyons, R. Broderick, J. Driesen, M. Mallini
3. Advances in Flow Batteries – J. Bzura, J. Bing
4. Advanced Battery Technologies – Z. Salameh
5. High-speed Flywheel Energy Systems (FES) for grid frequency regulation – C. Lyons

The meeting was adjourned at 6:00 p.m., as scheduled.