

Working Group IV

Emerging Technologies: Next generation resources and programs for network management

Monday September 17, 2007: 1:30 PM

Meeting I

Time Keeper: Sam Brewer, Capstone Microturbine Company

Notes Taker – Jeff Barat, D&B Engineering

Additional information concerning the structure of the proceeding

- Regular, weekly meetings of co-convenors, facilitators, and Judge Stein have been scheduled to provide mechanism for sharing information/issues across working groups.
- Judge Stein established a Steering Committee (SC) comprised of working group co-convenors and facilitators. At the first SC meeting held on September 19, 2007, the following decisions were made:
- The Department will establish a "filing cabinet" on the PSC Web page with a folder for each WG to post its draft and final products.
- Notice to the EPS listserv will go out telling all parties when a significant document is available on the website, with the subject heads:
- Working Group (number): and name of the document
- Each WG will establish an email list to service its own members

Ground rules

1. Take responsibility for your own participation.
2. Be respectful of other people.
3. If you are going to identify a problem, offer a possible solution.
4. Evaluate ideas, not people.
5. Where possible we will try to reach consensus.

Progress status update due to plenary on November 5, 2007

Draft report due to plenary on December 5, 2007

Establish a schedule of meetings

Suggestion is to separate into subgroups (perhaps along line of Demand Response group and Technology group, or another division). Preference of Facilitator and Co-convenors is to defer a decision on that suggestion until later.

Next Meetings:

Majority prefer to meet in person. Call-in number will be available.

1. Thursday, October 4, 2007
11:00 a.m. – 5:00 p.m.
Department of Public Service
Hearing Room, 3rd Floor
3 Empire State Plaza
Albany
2. Thursday, October 18, 2007
11:00 a.m. – 5:00 p.m.
NYSERDA
10th Floor Suite, Suite 1006
485 Seventh Avenue (between 36th and 37th Streets)
New York City
3. Thursday, November 1, 2007
11:00 a.m. – 5:00 p.m.
Department of Public Service
Hearing Room, 3rd Floor
3 Empire State Plaza
Albany

Action Item

To address items 1, 5, and 6 on Working Group IV's charge, the group agreed to send two surveys to the EPS list serv. The first will address emerging technologies. The second will address existing programs for demand response and peak load reduction. Both surveys will look at technologies and programs available within New York's jurisdiction and in other jurisdictions. Sig Peplowski will prepare survey templates and distribute them to the EPS list serv. Completed templates should be emailed by Monday, September 24, 2007 to Dana Levy (dll@nyserda.org) and Sig Peplowski (Sigmund_Peplowski@dps.state.ny.us).

Liz Weiner (elizabeth.weiner@csggrp.com) and Jeff Barat (jnbarat@dbnj.com) will put together spread sheet of technologies after comments come in from EPS parties.

Marie Pieniazek (mpieniazek@ecsny.com) will put together spreadsheet of programs after comments come in from EPS parties.

Review Scope of Working Group

- Why was load management moved from Group II to Group IV? Judge Stein made the decision after reviewing comments of parties.
- Are we talking just peak load reduction in this group or are the required measures supposed to also give better efficiency improvements in this working group? The group is charged with looking at peak load/demand response programs and

emerging technologies. Working group II will look at end user (non-demand response) programs.

- Should the energy saved be the “source energy” to generate the power, or the energy consumed by the appliance (lights, motors, air conditioning, etc) Judge Stein indicated Working Group IV can make its own recommendation on this.
- What type of interaction is there going to be between groups? Working groups will share minutes and if there are specific issues that must be shared immediately, then the facilitator or co-convenors will consult with their counterparts in the other Working Groups. (Please see note at end of minutes concerning establishment of a steering committee for the proceeding.)
- How will the portfolio standard accommodate continually emerging technologies over the coming years? Will the State have an R&D program to encourage new technology? Working Group IV is charged with formulating a recommendation on this issue. There is “a three year planning horizon” that allows an analysis of technologies and programs.
- Do technologies need to be marketed to consumer or the Grid, ISO or utilities, e.g. Smart Grid? Working Group IV will not be looking at end user programs.
- By existing do we mean technologies or programs that are commercially available, but not necessarily here in NY? The group made a decision to hold off on defining what is meant by existing and emerging, but technologies/programs can be available in NYS or in other states/regions.
- How would Working Group IV address public policy goals such as economic development in NYS/job creation, environmental justice, etc.? These may be factors addressed by other working groups. Working Group IV will review this question at a later meeting.
- Was a list prepared of emerging technologies during staff’s development of its proposal? If such a list exists, it will be sent out to working group members.