

Meeting Notes

March 11, 2009

TO: NERC DRDTF
FROM: Robert Entriken, rentrike@epri.com, 650/855-2665
SUBJECT: **NERC Demand Response Data Task Force**

LOCATION: Teleconference
CALL-IN: 1 866-833-6395.

Attendees

Rob Laurita (chair, ISO-NE)
John Moura, Mark Lauby (NERC)
Donna Pratt (NYISO)
Paul Wattles (ERCOT)
Phil Graham
Mary Johannis (BPA)
Cliff Krim (DTE)
Robert Entriken (EPRI)

Agenda

- Administrative Matters
- MOD Standard Replacement (16-21)
- Revisions to the Preliminary Report: Major areas of concern, Comments
- DADS Strategic Plan, Phase I, II, and III, "Lite" Version
- Coordinate Meeting Schedule for 2009

Not discussed

- LFWG Involvement
- DRDTF Work Plan
- 2010 Voluntary Data System
- Coordinate Deliverables from Plan

Action Items

[RE] Produce notes. Done.

Handouts and Links

DRDTF Agenda 022609.doc

NERC Glossary

http://www.nerc.com/files/Glossary_12Feb08.pdf

Joint Operating, Planning, and Critical Infrastructure Protection Committee

http://www.nerc.com/filez/oc_pc_cipc_min.html

Administrative Matters

[JM] Thanks for feedback. [DP] Donna and Paul talked to Ann George of (PG&E) about some more comments. Listing types of current data reported to CPUC from a retail level. This will help as the Retail NAESB efforts take shape. DP is trying to get more retail involvement in this NERC effort.

[DP] Put together a description of scenarios of double counting demand response resources. This involves a Venn diagram of Energy, Capacity, Reserves, and Regulation and the enrollment in multiple products, but providing services for only one at a time. The diagram describes only one scenario of these relationships. This is called an entity relationship diagram.

MOD Standard Replacement

[ML] The NERC glossary describes DCLM and Interruptible Demand as being part of the definition of DSM(?). There may need to be a revision of the NERC Glossary.

[MJ] NERC needs a plan for how data reporting efforts fit into the MOD standards.

[ML] Want to get PC view next week on issues like merging DADS into processes for other data collection, or should there be new Data Rules for MOD 16 through 21? It could be that the data rule is a substitute for a standard. This Task Force needs some direction from the PC to proceed.

[DR] If NERC wants the data about DR programs, then others may want the same information. Having consistency would be helpful. There is a scenario wherein higher-level entities do not currently obtain information that would be provided to NERC. The question is, "Should a higher-level entity receive the same information?"

[ML] The difference between standards and Data Rules is that FERC approved the Data Rule process and approves standards directly.

[DP] The reporting for MOD standards and for Reliability Assessments do not report the same numbers. The addition of DRDTF would best add consistency and simplify the reporting.

[MJ] Some of the data reporting does not lend itself to management through standards.

[RL] Some response is naturally a result of price response. There is a concept called *reconstitution* for the treatment of demand as a supply resource in a way that avoids double counting. Should the DR be a modifier of the load forecast or the supply dispatch? The ISO-NE discusses this and separates the treatment of DR between load and supply. ISO-NE assumes load response not subject to settlement is part of load.

[PW] There is the same situation in ERCOT.

[JM] Some feel that their reporting for DR would double count everything.

DADS Strategic Plan

[JM] Phase I looks at event data. Phase II looks at mandatory reporting. Phase III after about a year looks at price responsive load.

[DP] Mary mentioned the Data Coordination Subcommittee. There was a lot of data in the OC/PC Meeting announcement. How does this group interface with the Reliability Metrics Working Group? Shall we revisit the DSM TF metrics?

[JM] RMWG is laying out all of the existing metrics for review. JM is the liaison and the RMWG depends on DRDTF for metrics.

[MJ] The work in NERC for IVGTF is also doing a lot of work. DR is a tool in one of many toolboxes. BPA is affected by variable generation, expecting a 20% penetration. BPA is not just trying to shed load at the right time, but to increase load at the right time. The RPS standards raise the issue of dumped energy. Having DR increase load when you need it will be useful.

[JM] The CA Energy Board Meeting yesterday says that without integration of the intermittent resources California will have trouble.

[JM] NERC is proposing the Data Coordination Subcommittee (DCS) to ensure that there are not duplicate efforts, to identify the best sources of data, and to house all of the data. Members would be the Chairs and Vice-Chairs of the data Working Groups.

[DP] Note Slide 11 for SMART, Specific, Measurable, Attainable, Reliable, Timely in presentation on RMWG Status Update for tomorrow's Joint OC/PC/CIPC meeting.

Revisions to the Preliminary Report

[RL] FERC would find the draft report useful. FERC could use DADS as a substitute.

[JM] Will talk to FERC on April 1 about data collection and will bring up Use Cases.

[PW] There is a theme in the reporting of MWh. ERCOT gets more use out of MW and event timing.

[JM] We expect that reporting of MWh will be important for accounting the requirements for certain amounts of energy coming from DR programs in various jurisdictions.

[MJ] In energy limited systems, it is important to understand whether the DR used to reduce system peak is going to recur later, because of the need to use a certain quantity of energy.

[PW] Shall we have a test and results reported to FERC?

[DP] We are considering tests in the peak period, because the response may be different in different periods. Coordination with system operators by zone is needed.

[PW] Testing should be separate from the discussion in this report. ERCOT does unannounced tests for about 15-minute intervals.

[ML] A test is useful data when the resource is never called for an event, since it would be the only validation that the DR exists.

[PW] ERCOT has a lot of testing with differing levels of deployment. Some testing is meant only to retest resources that failed a previous test. This complicates the accounting of available resources.

[CK] We pole meters day-ahead of predicted calls to account how much is available for the following day. This leads to two data records for each event, one for the event, and one for the test.

Coordinate Meeting Schedule for 2009

Next meeting will be April 2, at 11:00 Pacific, 14:00 Eastern. Meetings will further be every two weeks at the same time.

LFWG Involvement

No discussion.

DRDTF Work Plan

No discussion.

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2010 Voluntary Data System

No discussion.

Coordinate Deliverables from Plan

No discussion.