

Vermont System Planning Committee
Forecasting Subcommittee Meeting Notes
Tuesday, November 3, 2015, 1pm
Conference Call

Participants:

Mike Leach, BED
Joan White, DPS
John Woodward, DPS
Rip Kirby, GMP
Andrew Quint, GMP
Nathaniel Vandal, Green Peak Solar
Carole Hakstian, VEIC
Deena Frankel, VELCO
Hantz Presume, VELCO
Shana Louiselle, VELCO
Bernadette Fernandes, VELCO
Lou Cecere, VELCO
Bill Powell, WEC

DISCUSSION:

1) Locational aspect of demand and generation resources:

Context: VELCO identified a need to analyze locational resources for the following reasons:

- 1) To recognize that geographic locations grow at different rates.
- 2) To understand which regions have different peaking patterns; some areas peak in summer while others peak in winter.
- 3) To have a forecast that addresses these regional differences in load behavior and load growth.
- 4) To determine if we have the right number of and the appropriate zones. (Itron thinks we have too many zones.)

Rip proposes to look at urban vs rural loads because each zone has its own growth rate of peak load.

Nathaniel will analyze data by town rather than load zone.

Deena pointed out that it will be necessary for regulatory compliance of the RPS to be able to track Tier 1 and Tier 2 resources by the time the Renewable Energy Standard is fully implemented. This likely will occur through the NEPOOL Generation Information System (GIS). Discussions are also underway about the need for a comprehensive database of distributed resources, both for RES and system planning needs. In addition, the ePSB electronic filing system will have information available electronically about CPG applications and their status. The Forecasting Subcommittee may want to wait until these data sources are available before taking the next step (rather than risk duplicating efforts).

2) Develop a plan for 2016:

Subcommittee tasks for 2016 could include:

- a) Address Forecasting Subcommittee Charter mandate, among those items are to:
 - a. Review key forecast inputs, identify data sources and key metrics that should be considered. Use saturation surveys, when available, for inputs,
 - b. Review methodology to reflect the effects of future committed energy efficiency, net metering, distributed generation (DG), and other committed small scale resources
 - c. Review the state economic outlook and results of the most recent saturation survey.
- b) Address question about forecasting methodology,
- c) Agree on a schedule to review forecasting inputs,
- d) Discuss scenario development concept,
- e) Develop a timeframe for Act 56 discussion, and
- f) Develop a timeframe for all 2016 work.

3) Other:

Rip volunteered Dan Belarmino (DOE mapping project expert) to speak at an upcoming subcommittee meeting to discuss GMP solar map. Deena will also talk with Carly Carrera (GMP) about the status of discussions about a database for tracking all distributed generation, a preliminary discussion that began among DPS, VELCO and GMP. Rip followed up with Dan's email address if we choose to invite him to a future meeting:

dan.belarmino@greenmountainpower.com . Deena reached out to Carly who indicated that GMP has agreed to take the lead in the DG database, to build on work they have already undertaken, but discussions have not yet moved to the next stage of planning.

To-Do's:

- 1) ALL: Circulate project/task ideas for the group to work on in 2016. Group will frame outline and due dates at next meeting to be scheduled in January 2016.
- 2) Rip: Use latest Vermont load zone map to redraw boundaries delineating newly proposed load zones.