

V S P C

Vermont System
Planning Committee

All grid solutions considered

Quarterly Meeting
Middlebury, VT
April 29, 2015
9:30am–3:00pm



Geographic Targeting Subcommittee

Subcommittee activities this quarter

- ▶ Subcommittee met once: 3/18/2015 with participation by PSD, VEIC, GMP, VELCO, VPPSA, and BED
- ▶ Main focus: GMP's Rutland reliability plan
 - ▶ Presentations of plan by GMP (summary to be provided in project updates at this meeting)
 - ▶ Presentation by VEIC of area energy efficiency assessment
- ▶ Agenda included review of GT process steps to be undertaken following the publication of the Long Range Transmission Plan (July 1, 2015)
- ▶ Next meeting: will be scheduled if needed in May to hear DU reports on distribution and subtransmission constraints not identified in the VELCO Long Range Plan

Leadership transition

- ▶ TJ Poor, previous chair of GT Subcommittee, has left Public Service Department
- ▶ GT Subcommittee leads in VSPC fulfillment of two formal responsibilities: annual GT recommendations to PSB and Screening Framework in standard offer program
 - ▶ Having PSD rep chair GT aids in fulfilling these roles and facilitating early conversation about identified issues
- ▶ PSD has offered John Woodward, Utilities Economic Analyst, to fill chair role
- ▶ No formal appointment process—staff is seeking feedback of VSPC at this meeting

Next steps for GT subcommittee

- ▶ 2015 Long-Range Transmission Plan: no new bulk system issues requiring NTA analysis
- ▶ May—review NTA screening for newly identified distribution or subtransmission constraints
- ▶ July—VSPC receives recommendations on NTA screenings from GT subcommittee
- ▶ July-Sept—Determine EE potential for identified areas to reach recommendation on need for reliability plans
- ▶ Sept—Recommend need for reliability plans (if any) to VSPC
- ▶ Oct—VSPC receives GT subcommittee recommendation; filing with PSB by Oct 30
 - ▶ Any new area that “screens in” for full NTA analysis
 - ▶ Commencement of new geotargeted EE
 - ▶ Continue/discontinue existing GT EE (none at this time)

Forecasting Subcommittee

VSPC Forecasting Subcommittee Meeting Update—Feb 3, 2015

- ▶ Subcommittee adopted a recently revised Forecasting Subcommittee Charter which will be presented at the April VSPC quarterly meeting
- ▶ Shawn Enterline presented GMP's IRP and discussed forecasting methodology, resource options, generation costs, portfolio design, the IRP's alignment with GMP's strategic direction and actions
- ▶ John Woodward, PSD, was unanimously voted vice-chair of the Forecasting Subcommittee. Congratulations, John!

VSPC Forecasting Subcommittee Meeting Update – March 17, 2015

Developing topics for 2015

1) Natural Gas Pipeline

No near-term need by subcommittee to address pipeline capacity additions but interest in gaining better understanding of role of electricity price for load forecasting modeling

2) Weather normalizing

Is weather data accurate? Subcommittee will review weather data sent by VELCO and assess potential impacts of shortening historical weather range from 20 years to fewer

3) IRP consistency

Suggestion to standardize IRP inputs and develop “consensus” forecasts for optional use by DUs. Examples of these inputs: DG output, storage potential, EV and HP penetration. Saves time and improves consistency across DUs.

4) PV forecast/H.40

Discussion will continue as legislation advances. Subcommittee will examine impacts on load, peak and utility power supply planning.



Coordinating Subcommittee

2015-2016 meeting dates

- ▶ July 22, 2015—Montpelier
- ▶ October 14, 2015—Rutland
- ▶ January 20, 2016—Burlington

Feedback on Middlebury location?