

V S P C

The logo features the letters 'V', 'S', 'P', and 'C' in a dark blue, serif font. Below the letters is a horizontal line with a series of green, triangular mountain peaks of varying heights.

Vermont System Planning Committee

All grid solutions considered

Quarterly Meeting
Holiday Inn
Rutland, VT
October 14, 2015
9:30am–4:00pm

Agenda

▶ Morning

- ▶ GT Subcomm report
- ▶ Forecasting Subcomm report
- ▶ Public Participation Subcomm report
- ▶ Coordinating Subcomm
 - ▶ VSPC annual report
 - ▶ VSPC/708I evolution
- ▶ Regional Update
- ▶ Presentation: Energy Action Network

▶ Afternoon

- ▶ Old business
 - ▶ Act 56/Docket 8550
 - ▶ Net metering
 - ▶ Interconnection
 - ▶ DG database
 - ▶ VT Weather Analytics Center
- ▶ Project updates

Geotargeting Subcommittee

See materials for draft GT recommendation letter

[http://www.vermontspc.com/library/document/download/5182/
VSPC_GTrecs_2016_toVSPC.pdf](http://www.vermontspc.com/library/document/download/5182/VSPC_GTrecs_2016_toVSPC.pdf)

Coordinating Subcommittee

VSPC annual report: proposed schedule

- ▶ Status updates from utilities: Dec. 11, 2015
 - ▶ CT River Valley (VELCO)
 - ▶ Rutland (GMP)
 - ▶ Northern Area (VELCO/VEC)
 - ▶ Hinesburg (GMP)
- ▶ Draft report to affected utilities: Dec. 18, 2014
- ▶ Draft report to VSPC: Jan. 8, 2016
- ▶ Report finalized: Jan. 20, 2016, VSPC meeting
- ▶ Report filed with PSB/PSD: No later than February 15, 2015



VSPC/Docket 708 | evolution

Intention for this meeting:

Open a conversation about VSPC evolution
in light of changing environment

WHY NOW?

- ▶ VSPC/Docket 7081 process is out of synch with today & tomorrow
 - ▶ Declining loads, increasing DER
 - ▶ ISO-NE's lead role in planning
 - ▶ New categories of transmission
 - ▶ FERC Order 1000
 - ▶ Existential question's on transmission's role
- ▶ Time to...
 - ▶ Expand on what works
 - ▶ Stop doing what doesn't work
 - ▶ Start doing what needs to be done and isn't addressed today

PSB & Legislature wanted to avoid another NRP

Legislature: required long-range transmission plan. State policy requires least-cost solutions, favors NTAs.

PSB: opened D. 7081 requiring “full, fair & timely consideration of non-transmission alternatives.”



Load growth-related issues were the only kind of projects addressed.

ISO-NE had not yet taken over regional planning.

HISTORY

Mandates from legislature & PSB

STATUTE: 30 VSA 218c

- ▶ Requires (at least) 10-yr long-range T plan of any transmission company updated every 3 yrs
- ▶ Favors non-transmission alternatives as VT policy
- ▶ Plan focuses on “reliability deficiencies” and “least-cost transmission planning”
- ▶ Requires public and stakeholder engagement

PSB Docket 708 I

- ▶ 18-month negotiation resulted in MOU among PSD, VELCO, DUs, AIV.
 - ▶ CLF and 2 munis opposed
 - ▶ CLF proposed independent body (non-utility)
- ▶ Established stakeholder process (VSPC)
- ▶ Set 20-yr horizon
- ▶ Extensive public engagement
- ▶ NTA screening for all reliability issues
- ▶ Shared utility responsibility for NTA screening, analysis, solution selection, cost allocation

Different, sometimes conflicting goals for different stakeholders

- ▶ Compliance with planning law & PSB order
- ▶ Timely, effective NTA screening & planning; “least-cost planning”
- ▶ Clear responsibilities among utilities for planning and cost (avoid disputes that delay action)
- ▶ Transparency of grid planning
- ▶ Robust public engagement, no surprises
- ▶ Update “area specific collaboratives”
- ▶ Control costs, simplify process
- ▶ Differing models proposed
 - ▶ Independence from utilities; citizen control
 - ▶ Utility expertise + citizen representation; sector balance

What have we accomplished?

- ▶ Avoided >\$400 million transmission upgrades
- ▶ Implemented and integrated geotargeting mandates for EE and DG (standard offer above the cap)
- ▶ Assignments from legislature and PSB developing collaborative solutions
- ▶ Greatly increased collaboration and consensus on planning and load forecasting (previously contentious)
- ▶ Regularly convened diverse stakeholders (planners, advocates, VEIC, PSD) increasing information flow and dialogue
- ▶ Published plain-language, accessible 3-yr plans that paint the big picture and comply with mandates

Today's
honest
truth
"A"



?

What
is
possible
"B"



Path forward?

- ▶ VELCO to develop a “straw man” with goal of closure on changes, if any, in spring, 2016.
 - ▶ Informal discussion with VSPC members, Docket 7081 parties, regulators
 - ▶ Choices for scheduling group conversation

2016 meeting dates

- ▶ January 20, 2016—Burlington
- ▶ April 27, 2016—Middlebury
- ▶ July 20, 2016—Montpelier
- ▶ October 12, 2016—Rutland