

# V S P C

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

## Vermont System Planning Committee

*All grid solutions considered*

Quarterly Meeting  
Middlebury Inn  
Middlebury, VT  
April 26, 2017  
9:30am–4:00pm

# Agenda


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## ▶ Morning

- ▶ Subcommittee reports
  - ▶ Geographic Targeting
  - ▶ Forecasting
  - ▶ Coordinating
- ▶ Regional updates
- ▶ Presentation: Merchant transmission update
- ▶ Reliability updates

## ▶ Afternoon

- ▶ Policy & project updates
  - ▶ Act 174 stakeholder workshop
  - ▶ Net metering
  - ▶ Docket 7307, cyber security
  - ▶ VT Energy Analytics Center



# Geographic Targeting Subcommittee

John Woodward, Subcommittee Chair

# GT Subcommittee work this quarter

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- ▶ Met March 28
- ▶ Matters addressed
  - ▶ NTA screening of St. Albans Asset Condition Mitigation Project — see file:  
[http://www.vermontspc.com/library/document/download/5707/20170426\\_St%20Albans\\_NTA\\_Screening2.pdf](http://www.vermontspc.com/library/document/download/5707/20170426_St%20Albans_NTA_Screening2.pdf)
  - ▶ Check-in on Hinesburg reliability plan
  - ▶ Continue discussion of the project review spreadsheet
  - ▶ Schedule for annual project review
  - ▶ Discussion with Deputy Commission Riley Allen concerning VSPC evolution
- ▶ Next meeting May 23
  - ▶ Annual project review

# Forecasting Subcommittee

# Forecasting subcommittee update

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- ▶ Subcommittee met March 28
- ▶ Matters addressed
  - ▶ GMP Tier III overview
  - ▶ Itron update—see [http://www.vermontspc.com/library/document/download/5729/20170426\\_ForecastingSCReport2.pdf](http://www.vermontspc.com/library/document/download/5729/20170426_ForecastingSCReport2.pdf)
  - ▶ Scheduling and next tasks
    - ▶ Forecast to be done by end of May; base case by end of April
    - ▶ GMP to brief group on their net metering and other solar forecast
    - ▶ DPS/John Woodward to compile utility Tier III plans re: number and type of load-building measures expected under different scenarios
    - ▶ DPS/John Woodward to compare informal DPS solar net metering capacity projection with ITRON payback model
    - ▶ VEIC/Carole Hakstian providing information on energy efficiency treatment of heat pumps to avoid double counting
    - ▶ VEIC/Carole Hakstian to discuss with VEIC/Dave Roberts, TJ Poor to discuss with VTrans current electric vehicle forecasts

# Coordinating Subcommittee

2016-2017 meeting dates

# 2016-2017 meeting dates

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## 2017 dates

- ▶ July 19, 2017—DoubleTree Hotel, South Burlington
  - ▶ **NOTE: Discuss possibility of moving July date to July 12**
- ▶ October 18, 2017—Holiday Inn, Rutland

## 2018 dates

- ▶ January 24, 2018—DoubleTree Hotel, South Burlington
- ▶ April 25, 2018—Middlebury Inn, Middlebury
- ▶ July 18, 2018—Capitol Plaza, Montpelier
- ▶ October 17, 2018—Holiday Inn, Rutland



# Appointments

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- ▶ Public Service Board appointed three new members to complete terms of those who have resigned (ending April 25, 2018)
  - ▶ Michael Wickenden, Residential Representative
  - ▶ Rose Smith, Residential Alternate
  - ▶ Olivia Campbell Andersen, Supply Resources Alternate
- ▶ No news on Docket 8875, proceeding to add a seat to the VSPC for a representative of the planning community

# Docket 8875: PSB proposal to add planning seat to VSPC

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- ▶ Order opening docket issued 12/27/2016
- ▶ PSB considering “possibility of adding an additional seat representing the interests of towns and regional planning organizations to the Vermont System Planning Committee”
  - ▶ 1/13/2017 deadline set for comments
  - ▶ 1/9/2017 VSPC requested extension
  - ▶ 1/25/2017 VSPC agreed in concept on input to PSB
  - ▶ 1/31/2017 VSPC filed recommendation letter
    - ▶ Supported creation of seat
    - ▶ Made procedural recommendations
  - ▶ No action further action to report

# Schedule for 2018 VT Long-Range Transmission Plan

<b>Jan to Jul 2017</b>	Prepare a load/renewable energy forecast
<b>May to Jul 2017</b>	Prepare load flow cases and auxiliary files
<b>Jun 2017</b>	Consultation with distribution utilities
<b>Jul VSPC quarterly meeting</b>	Review high level scope with the VSPC
<b>Jul to Nov 2017</b>	Perform system analysis
<b>Jul to Oct 2017</b>	Identify deficiencies and develop solution options
<b>Aug 2017</b>	Engineering support (modeling data)
<b>Sep and Oct 2017</b>	Construction Controls support (Cost estimates)
<b>Nov and Dec 2017</b>	Prepare the draft report for VSPC review
<b>Jan to Mar 2018</b>	Obtain formal feedback from VSPC
<b>Mar 2018</b>	Incorporate VSPC comments
<b>Apr to May 2018</b>	Conduct public meetings for input to the report
<b>Jun 2018</b>	Incorporate comments from the public
<b>Jun 2018 (by 7/1/18)</b>	Publish plan



# Regional update

Frank Etori, VELCO

Molly Connors, ISO New England

# Policy & Project Updates

Net metering update — Melissa Bailey

Docket 7307, cyber security — Deena Frankel

VT Energy Analytics Center — Kerrick Johnson

Follow-up on Feb 23 DOE workshop — Deena Frankel