

V S P C



Vermont System  
Planning Committee

*All grid solutions considered*

Quarterly Meeting  
DoubleTree Hotel  
South Burlington, VT  
January 25, 2017  
9:30am–4:00pm

# Agenda

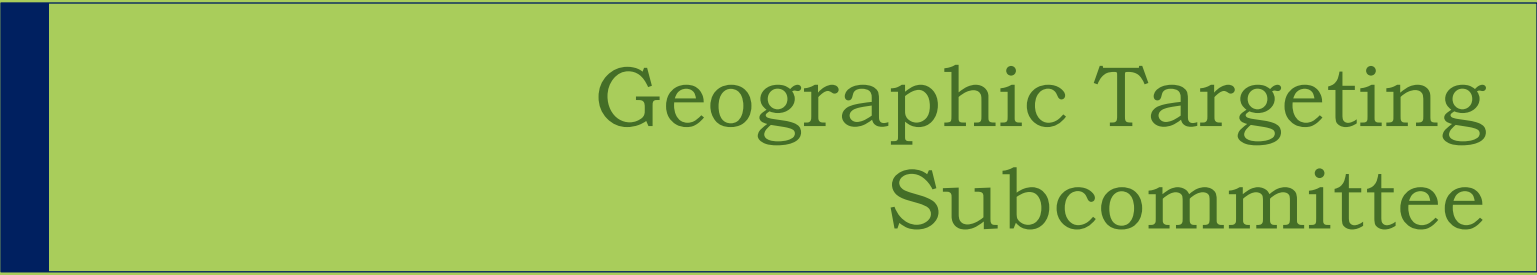
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## ▶ Morning

- ▶ Subcommittee reports
  - ▶ Geographic Targeting
  - ▶ Forecasting
  - ▶ Coordinating
- ▶ Action on VSPC annual report
- ▶ New business
  - ▶ Docket 8875—new seat for local/regional planner
  - ▶ IEEE 1547 revisions
  - ▶ DOE DER workshop
- ▶ Regional updates

## ▶ Afternoon

- ▶ Public participation
- ▶ Policy & project updates
  - ▶ Net metering rulemaking
  - ▶ Interconnection rule
  - ▶ Renewable Energy Standard
  - ▶ VT Weather Analytics Center
- ▶ Reliability updates



# Geographic Targeting Subcommittee

John Woodward, Subcommittee Chair

# Subcommittee work this quarter

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- ▶ Met January 10
- ▶ Matters addressed:
  - ▶ Alignment of GT charter with new VSPC charter — determined no changes needed
  - ▶ Project screening template — seeking to ensure the template works for all DUs to provide more uniform approach to annual project review — staff to discuss individually with DUs that were not in attendance and report back at next meeting
  - ▶ [East Avenue and Queen City project NTA screening](#) presented by VELCO — conclusion: screens out of further NTA analysis
  - ▶ Use models for DG and storage — [presentation](#) by Nathaniel Vandal posted on subcommittee website
- ▶ Next meeting March 28
  - ▶ Continue discussion of project screening template
  - ▶ Prepare for annual project review

# Forecasting Subcommittee

# Forecasting subcommittee update

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- ▶ Subcommittee is scheduled to meet January 24
- ▶ Summary will be provided at the VSPC meeting

# Coordinating Subcommittee

2016-2017 meeting dates

# 2016-2017 meeting dates

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## 2017 dates

- ▶ April 26, 2017—Middlebury Inn, Middlebury
- ▶ July 19, 2017—DoubleTree Hotel, South Burlington
- ▶ 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



# VSPC Annual Report Review & Approval

Revised/redline draft posted in meeting materials library

# New business

Docket 8875

IEEE 1547 revisions

DOE Distributed Energy Resources workshop

# PSB opens docket to proposed new seat

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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
- ▶ On 1/9/2017, VSPC requests extension to provide time to discuss at 1/25/2017 quarterly meeting
  - ▶ Informal follow-up discussion with Board staff
  - ▶ No appointments yet to vacancies—3 candidates for 2 seats
  - ▶ PSB may be considering appointing 3<sup>rd</sup> candidate to the new seat

# Questions framing VSPC discussion

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- ▶ Support addition?
  - ▶ Informally, no indication of opposition
- ▶ If yes, practical questions:
  - ▶ Do the planners want to participate?
  - ▶ How best to solicit candidates?
  - ▶ In what sector would the seat reside?
  - ▶ How would the seat affect the current voting procedure?
  - ▶ Are there any other procedural considerations?
- ▶ Can the VSPC make a joint recommendation to the Board? I.e., do we have consensus?
  - ▶ If so, set process for drafting and filing

# IEEE 1547 revisions

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- ▶ Significant changes underway to IEEE standards governing interconnection of generation with distribution system
- ▶ Power & Engineering Society Green Mountain Chapter of IEEE planned informational meeting on revision process for 1/17/2017, but meeting was postponed due to weather
- ▶ New date will be Feb. 21 or 22 at GMP in Montpelier
- ▶ Watch for announcement
- ▶ Registration required

# **SAVE THE DATE**

## **Voices of Experience: Integrating Intermittent Resources**

**US Dept. of Energy Distributed Energy Vermont Workshop  
February 23, 9 a.m. to 3 p.m.  
Essex Resort, Essex Junction**

# Regional update

Frank Etori, VELCO

Molly Connors, ISO New England

[See presentation](#) in meeting library

# Policy & Project Updates

Net metering: Melissa Bailey

Interconnection: Carolyn Anderson or Deena Frankel

Renewable Energy Standard: Bill Powell

VT Weather Analytics Center:

Peak Load Management: Frank Etori

General Update: Mary Coombs

Slides for VWAC section only



# VWAC Phase II — HPCC/Data Center update

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## Developments

- ▶ Projected delivery date of HPCC to VELCO is February 16, 2017
- ▶ Assembly of HPCC is complete, Atmospheric Data Solutions (Scott Capps) is currently stress testing the unit
- ▶ Preparing VELCO location (old EMS room) for HPCC installation
- ▶ Atmospheric Data Solutions personnel were onsite in December to train personnel on HPCC operations and coordinate installation criteria
- ▶ VELCO Personnel onsite witness testing of the HPCC at PSSC Labs
- ▶ Completed fiber connection site visit at Lyndon State College to review connection to Lyndon State NOAA satellite data port, a critical information feed for running Deep Thunder

## Next steps

- ▶ Train and prepare VELCO team to administer and operate HPCC with help from Atmospheric Data Solutions
- ▶ Detail transition plan with IBM for prove-out period scheduled for Feb to Jul 2017
- ▶ Continue to coordinate specifications of HPCC for Opus platform, which will be included on 2<sup>nd</sup> HPCC planned for late 2017/early 2018