

V S P C

Vermont System  
Planning Committee

*All grid solutions considered*

Quarterly Meeting—Randolph, VT  
January 28, 2015  
9:30 a.m.–4:00 p.m.



## Coordinating Subcommittee

# VSPC communication preferences

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- ▶ In October 2014, VSPC members were asked to complete a communication preference survey to improve the customization of communication features on the new VSPC website.

*Response to date: 31 of 91 on mailing list.*

- ▶ **For full VSPC business:** VSPC participants and interested persons are included on the email distribution list by default to ensure receipt of important notifications and substantive messages including VSPC quarterly meeting notices and packages. The option to receive Outlook invitations is available in addition to an e-mail notification.
- ▶ **For subcommittees:** VSPC participants and interested persons have the option to receive subcommittee meeting notifications by email, and/or Microsoft Outlook calendar invitations.
- ▶ **Please note:** subcommittee messages other than meeting notifications will be sent via email using both email and Microsoft Outlook distribution lists (without duplication).
- ▶ To fill out the VSPC Communication Preference Survey, please visit <https://www.surveymonkey.com/s/vspcpreference>

## VSPC Communication Preference Survey

This brief survey is designed to update the communications preferences of people who are currently on the VSPC mailing list. The survey will allow staff to better customize features of the new VSPC website to communicate with you more efficiently and effectively. Thank you for your responses.

### \*1. Your name

Name:

Email Address:

Phone Number:

# Communication Preference Survey

<https://www.surveymonkey.com/s/vspcpreference>

### 2. In which forums of the VSPC do you participate or have an interest. Check all that apply.

- VSPC quarterly meetings
- Coordinating Subcommittee (sets the agenda for each quarterly meeting)
- Geographic Targeting Subcommittee
- Load Forecast Subcommittee
- Public Participation Subcommittee

### 3. For each VSPC forum, indicate how you would prefer to receive information (meeting notices, agendas, materials). Check all that apply.

	Email	Calendar/Outlook Invite	Do not send
VSPC quarterly meetings & related information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coordinating Subcommittee	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Geographic Targeting Subcommittee	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Load Forecast Subcommittee	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Public Participation Subcommittee	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### 4. In what ways could VSPC-related communication and information be improved?

Done

# 2015-2016 meeting dates

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- ▶ April 29, 2015—Randolph
- ▶ July 22, 2015—Montpelier
- ▶ October 14, 2015—Rutland
- ▶ January 20, 2016—Burlington

## Regional Issues—ISO-NE update

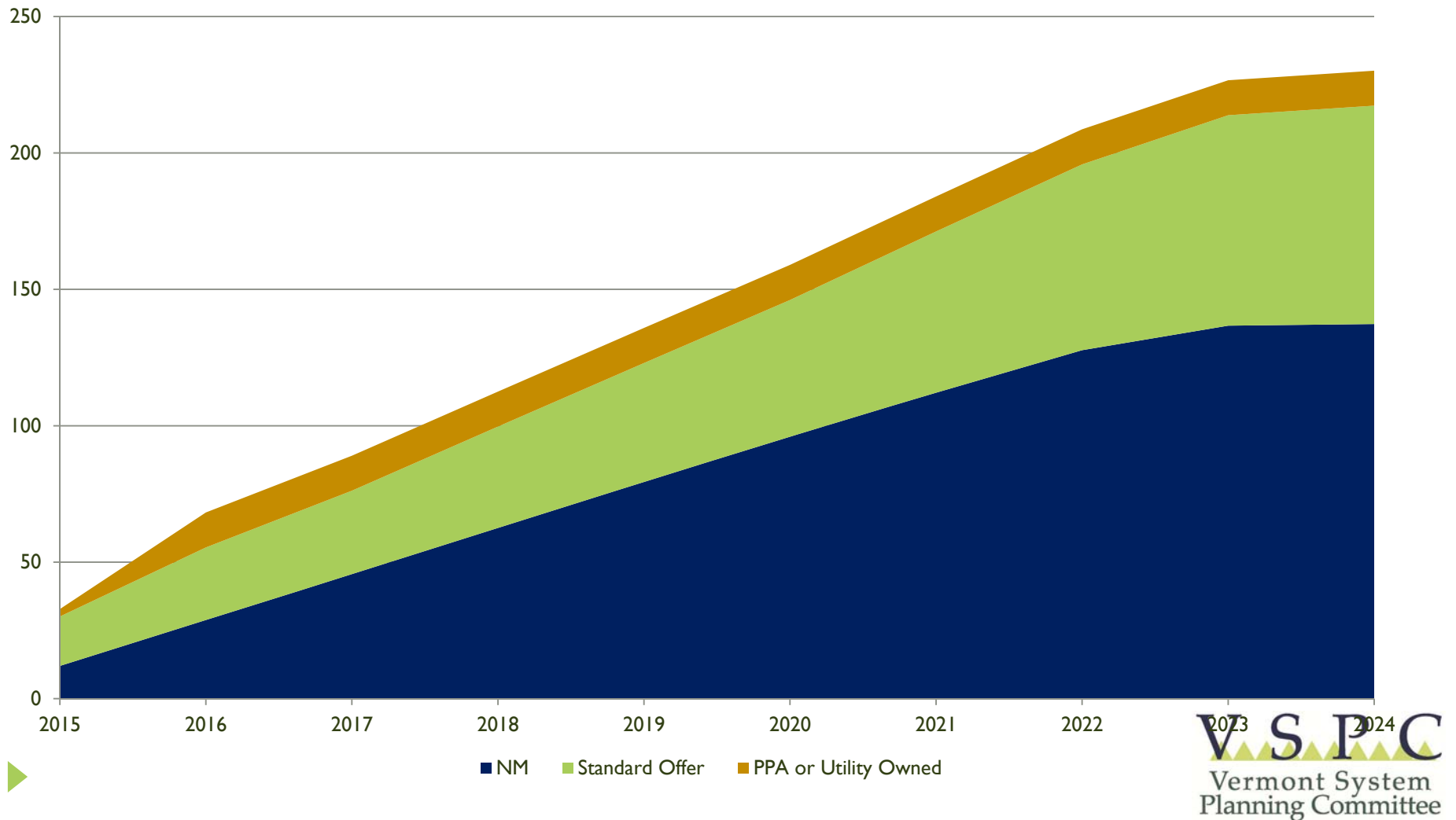
## Distributed Generation Forecast Working Group update

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- ▶ PSD presented to Working Group a conservative forecast of DG in Vermont
  - ▶ [http://iso-ne.com/static-assets/documents/2014/12/vt\\_dgwg\\_presentation\\_121514.pdf](http://iso-ne.com/static-assets/documents/2014/12/vt_dgwg_presentation_121514.pdf)
- ▶ Rhode Island only other state with significant increases in DG expected
- ▶ ISO indicated it would be making another data request from utilities
  - ▶ All VT utilities responded in timely manner – thank you!

## PSD conservative estimate of new DG resources provided to DGFWG

### Total Cumulative New DG by Program





## Use of DG Forecast—as described at recent Power Supply Planning Committee meeting

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- ▶ Incorporated (mostly) into transmission planning
- ▶ ISO considers four types of PV:
  - ▶ (1) PV as a capacity resource in FCM—reflected in ICR
    - ▶ Qualified in market, CSOs, location identified and visible to ISO
  - ▶ (2) Settlement Only Resources (SOR)—do not participate in FCM, NOT in ICR
    - ▶ Only in energy market

## ISO consideration of PV (cont.)

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- ▶ Behind the Meter Resources
  - ▶ (3) Behind the Meter PV Embedded in Load (therefore reflected in ICR calculations)
    - ▶ Theoretically captured in the historical load forecast
    - ▶ Energy Output reflected in system demand, may be thought of as the historical trend of future development
  - ▶ (4) Behind the Meter OV not Embedded in Load (to be reflected in future ICR calculations)
    - ▶ Forecasted by ISO with input from DGFWG

## Use in resource adequacy determinations

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- ▶ ISO is assessing methodology for fully including both types of Behind the Meter resources in ICR calculations
  - ▶ Initial findings are promising
- ▶ ISO does not anticipate incorporating impact of Settlement Only Resources in ICR calculations
  - ▶ (MA and RI PV above 60kW are SOR)
- ▶ Resources qualified in FCM already in ICR

## Markets Committee highlights

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- ▶ 12/3/14: New Market rules in effect
- ▶ Increase in Reserve Constraint Penalty Factor
  - ▶ Intra-day reoffers
  - ▶ Negative bidding
- ▶ Winter fuel procurement program
- ▶ ISO has procured 4.47 million barrels of oil for \$68.8M and .5BCF of LNG for \$1.5M.

## Markets Committee highlights: ICR

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- ▶ ICR=Installed Capacity Requirement
- ▶ Participants Committee supported Vermont effort to incorporate future solar installations in ICR calculation
- ▶ Discussed monetary value of incorporating solar in forecast with ISO-NE Board and NE regulators
- ▶ NESCOE moving initiative forward
- ▶ ISONE giving small indications of willingness to discuss further

## OTHER REGIONAL ISSUES

### Reliability/planning highlights

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- ▶ Making changes to Elective Transmission Upgrade (ETU) process
- ▶ HQ outage on 12/4/14

### Winter expectations

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- ▶ Energy costs are expected to be high this winter
- ▶ No expected load shedding events

### Transmission cost allocation process

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- ▶ VELCO has developed draft language on greater adherence to planning procedure #4 (support for PTF cost review)
- ▶ Broadening stakeholder base: NESCOE, DPS, Synapse, and VEIC

