

# Hyde Park – ISO-NE Direct Market Participant

vermont electric power company



**Presented to:  
Operating Committee  
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# VELCO – Background

- VELCO is the assigned meter reader for VT
- VELCO submits hourly tie, load and generation for the Vermont domain
  - Ties can be either negative or positive hourly values
  - Generation must be positive hourly values
  - Load must be negative hourly values
- VELCO balances the Vermont domain on an hourly basis netting to zero

# Hyde Park

- Hyde Park is requesting to be a direct participant of ISO-NE
- VELCO will submit a Load Asset for Hyde Park hourly load values
  - All hourly values must be negative
- Due to their net metered project and their standard offer load reduction, there are hours where generation is in excess of their load, creating positive hourly load
- Positive load is currently not an issue due to Hyde Park being part of VPPSA's Load Asset which is the sum of their members

# Metering, Settlement and Billing issues

- ISO-NE's metering user interface does not allow for positive load and rejects all 24 hours, resulting in unmetered load within the Vermont domain
- VELCO Real-Time Markets settlement would have unmetered load
  - VELCO settlement process was not designed to account for unmetered load
- VELCO Billing reconciliation would be a manual process

# VELCO Solution

- Hyde Park would register a Settlement Only Generator (SOG) at ISO-NE
- VELCO would report zero load under their Load Asset in the hours where the generation exceeds their load and submit the positive load as generation under the SOG
  - Requires VELCO to run metering calculations twice (only necessary when Hyde Park's hourly load is positive)
    - 2017 – 5 days, for a total of 10 hours
    - 2018 – 18 days, for a total of 56 hours
  - Requires no changes to the calculations



# Hyde Park Costs

- All costs for the Hyde Park transition will be paid for via a billable work order to Hyde Park
  - When generation is in excess of load, VELCO staff will charge Hyde Park for the time it takes to rerun settlement.
  - Software changes to PAS (if necessary)

# Timeline

- Energy New England (ENE) is responsible for registering Hyde Park as a market participant, SOG, and coordination with ISO-NE
- Change in settlement will occur on 8/1/18

# Questions?

