



**Operating Committee Update
Power Accounting Open items
February 14, 2013**

1. Lyndonville – GMP and Lyndonville have agreed to not allocate losses for power transferring across the sub-transmission system between the VELCO St. Johnsbury and Lyndonville substations that support GMP and Lyndonville respectively. In reviewing the calculation it was determined that when power flowed from GMP to Lyndonville that the 3% loss calculation was still in place. As a result there will be a \$2,830.67 true-up between GMP and Lyndonville to correct the energy charged from the date of the Lyndonville substation commissioning.
2. Highgate Metering –ISO-NE settlement department will meet with VELCO on March 5 to review the items included in the Vermont hourly load calculation. VELCO had identified an apparent error in metering because ISO's loss report increased by approximately 5MW per hour when the converter was operating. Upon review ISO-NE identified that losses from the border through the converter were included in its hourly loss calculation. This was incorrect because the Highgate converter metering point is the south bus. As a result the hourly ISO calculated losses will be corrected which will increase the Vermont settlement loads by the same amount and each entity will be responsible for its portion in ISO-NE settlement. This is a prospective change and will increase Vermont's annual power supply by an estimated \$1.5 million.
3. VELCO losses & Vermont Network Load for ISO-NE charges – VELCO allocates system losses to the load that is being supported on an hourly basis. VELCO also reports loads supported by its system to ISO-NE for the allocation of transmission. In a recent review it was noted there are differences in the meters excluded when performing these two calculations. VELCO will perform a review with GMP to ensure load supported and reported by another TO is properly excluded from these calculations. ISO-NE network load will be a prospective change. The allocation of losses may require a true-up.
4. Coventry & proposed Sheldon Springs SPEED standard offer Solar projects – All standard offer projects to date have been metered at the point of interconnection with the Sub-transmission system. No allocation of losses has occurred because it was assumed the support of local load was less impact than providing power from VELCO. These two solar projects will be connecting to dedicated generation transmission lines with no local load to offset. As a result, both units will increase the losses in WEC and VEC's load calculations. VELCO will work with the metering forum to determine a method to calculate or estimate the losses on an hourly basis and transfer the losses to all SPEED participants.
5. SCADA vs. MV90 – Numerous points in the hourly load calculation are still using SCADA. This creates numerous manual interventions each month for both VELCO and the distribution utilities. The metering forum discussed how to transition these points to MV90. VELCO will contact the utilities with a priority list

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of locations that should be the initial focus to fix known issues. Also, VELCO will coordinate an estimate of connecting a meter to the fiber system recently completed to facilitate the inclusion in DU budgets.

6. KCW metering – Agreement is completed and signed. Meter is in place and hourly calculation is being performed.
7. Short Term Load Forecast – VELCO EMS recently posted its short-term load forecast to its website. Previously VELCO had published a load forecast as a percent of New England. The website now shows VELCO's model on the website along with actual loads.
8. Sub-hour settlement – ISO-NE has made no further progress on this issue.

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