



Operating Committee Update
Power Accounting Open items
March 12, 2014

1. Sub-hour settlement – ISO-NE requested that the Meter Reader Working Group (MRWG) obtain time and cost estimates from the meter readers to provide 5-minute RQM to ISO-NE for all generation, external ties, and DARD Pumps. This information needs to be submitted to ISO-NE by July 2014. VELCO will send the request to each of the metering contacts at the DU's, and Bridge Energy Group, and compile the results for submission to ISO-NE. *Prior Meeting update:* At the December 10th Markets committee meeting ISO-NE presented a very high level outline for their plans for sub-hourly settlement. It appears ISO is changing their plan to settle generators on a 5 or 15 minute basis but keep the load settlement based on an hourly basis. They intend to roll out most of the details at a January 2014 markets committee meeting with a Q3/4 filing with FERC and an implementation timeframe of 2015/16. *(Responsible party – VELCO with input from VT DU's)*

2. Coventry SPEED standard offer solar project –
 - a. Coventry Solar: Expected on-line date is June-July 2014. VELCO is in the process of outlining the metering and calculation requirements and will review with VEC and WEC. Once all parties agree VELCO will submit requirements to Bridge Energy Group for implementation in the PAS. *Prior Meeting update* Coventry Solar: Expected start date is now May 2014 due to new ownership. WEC would like an agreement document created and signed by WEC, VEC, and VELCO outlining the metering and loss calculations. Expected start date is end of December 2012 or early January 2013. At Metering Forum we discussed implementing similar loss calculation as Sheldon Solar vs. and incremental loss calculation. Subsequently, VELCO/WEC had a conference call on August 28, 2013 and discussed the metering package and changed the approach to average losses. Jeff Carrara and Dan Crockett will work on metering configuration. WEC agreed to the pro-rata share of losses between the Coventry solar and landfill generators. Coventry Solar losses will be allocated to the SPEED participants. VELCO is working on developing a business requirements document for Bridge Energy Group to allow them to make the programming changes necessary for settlement and loss allocation purposes. *(Responsible party – VELCO/VEC/WEC)*

3. SCADA vs. MV90 –
 - a. Sheldon: VEC needs to install a Nexus meter at the R65. Target date to have work done is June 2014. VELCO & GMP will both read the meter. GMP will adjust their load prior to sending to VELCO and VELCO will adjust the VEC load. *Prior Meeting update:* VELCO is waiting for Jacek at

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VEC to resolve the data issues. Once the issues are resolved VELCO will coordinate with GMP to determine whether VELCO will provide the meter values in the MV90 GMP export file or if GMP will read the meter themselves. *(Responsible party – VEC)*

- b. McNeil: Grant Adams will check the GMP work log to see where this issue stands. Discussed GMP installing one meter to be read via MV90. James Gibbons will verify on his end about converting over to MV90 for their tie load readings. Prior Meeting update: At the Metering Forum all parties agreed to reprioritize this issue and install new metering with MV90 connectivity if necessary. Dorian Hernandez at BED is still working on a sample flat file for VELCO to test for the McNeil Z1211 and Z1206. *(Responsible party – GMP)*
- c. GMP meter list: GMP meter list has been developed. This list will be used for VELCO/GMP communications when there are any issues that arise with GMP meters. Prior Meeting update: Phil M. is retiring at the end of the month. Rick Hackett will be taking over his duties. VELCO will need to meet with Rick regarding this list and its usage. *(Issue completed)*

4. Generation and Load Netting: No Update. Prior Meeting update: At the August 27th Meter Reader Working Group there were discussions of efforts to more fully describe reliability, energy and capacity market requirements for netting of station service from generator output. The OP18 Working Group is working on additional documentation to clarify that the netting of station service from generator output is required and how it is applied in certain circumstances.

5. Power Accounting System (PAS) Update: Bridge Energy Group (BEG) and VELCO are working on Metering Resettlement and VTA Billing Enhancement modules. *(Responsible party – VELCO)*

Metering Resettlement Enhancements – BEG/VELCO are in the process of finalizing the BRD. The cost estimate will be provided once the BRD is complete. Prior Meeting update: VELCO has submitted updates to the Business Requirement Document (BRD) and BEG will provide their feedback the week of February 10, 2014. BEG will provide cost estimate to VELCO. It was agreed that BEG and VELCO will share the cost 50/50.

VTA Billing – The VTA Billing Enhancements are being developed and delivered in three ‘bundles’.

- Bundle #1 – (Asset Attributes, VELCO Peak Report, Block Load Adjustment, and State of Vermont Adjustment) Tested and Complete.
- Bundle #2 – (CP/NCP Report, IGAP Report, and PDP Report). Currently being worked on by BEG. VELCO should be able to test by February 12, 2014. **Tested and Completed on March 11, 2014.**
- Bundle #3 - (Monthly Charges, Specific Facilities, Invoices, and VTA Reports) BEG will begin work on this bundle once bundle #2 is provided to VELCO for testing. **VELCO in the process of testing.**

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6. VEPPI –SAS/PRN file formats: VEPPI is in the process of importing the PRN file into their database. They will notify VELCO when the changes are complete they expect to be completed in May, 2014. Prior Meeting update: There was previous discussion at the Operating Committee about data discrepancies between VEPPI and VELCO for the SPEED data. As a result, VELCO had a few discussions with John Spenser on this issue and discovered it was an issue with file formats. There are two file formats exportable out of MV90 a .sas file format and a .prn file format. The .sas file can only contain a total of 4 characters and will truncate any additional digits. The .prn file format has much greater accuracy, easier to read, and is the industry standard MV90 format. VEPPI’s system is designed to import the .sas file format which is why they are using that format. As a result of this discovery, VEPPI is talking to their software vendor on making changes to import the .prn file format. *(Responsible party – VELCO/VEPP, Inc.)*

7. SPEED generators in the Block Load System: There are 3 SPEED generators; Neighborhood Energy, IRA Solar, West Charleston located within the Block Load system. Since these generators are not physically connected to VELCO/ISO-NE, they do not reduce Vermont’s Network load (NWL), and as such, they cannot provide relief to the Vermont DU’s from ISO-NE transmission (OATT and SFT) and FCM costs. Unfortunately, we have been treating this generation as if it was connected to VELCO/ ISO-NE system. This inflates Vermont’s NWL beyond what it would have been without the generation. VEC has discussed with VEPPI and VELCO removing these generators from the load calculation to correct this issue. For the instances where the Block Load is connected to VELCO the generators will be accounted for in the load calculation. VEC and VEPPI will do a supplemental billing for these generators to account for all costs associated with removing them from the load calculation when they are connected to HQ so that all parties are compensated appropriately. *(Responsible party – VELCO-load calculation; VEC/VEPP, Inc. – billing changes)*

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