

Measurement Canada Updates - MC Consultations

Mohamed El-Madhoun, Supervisor, IESO

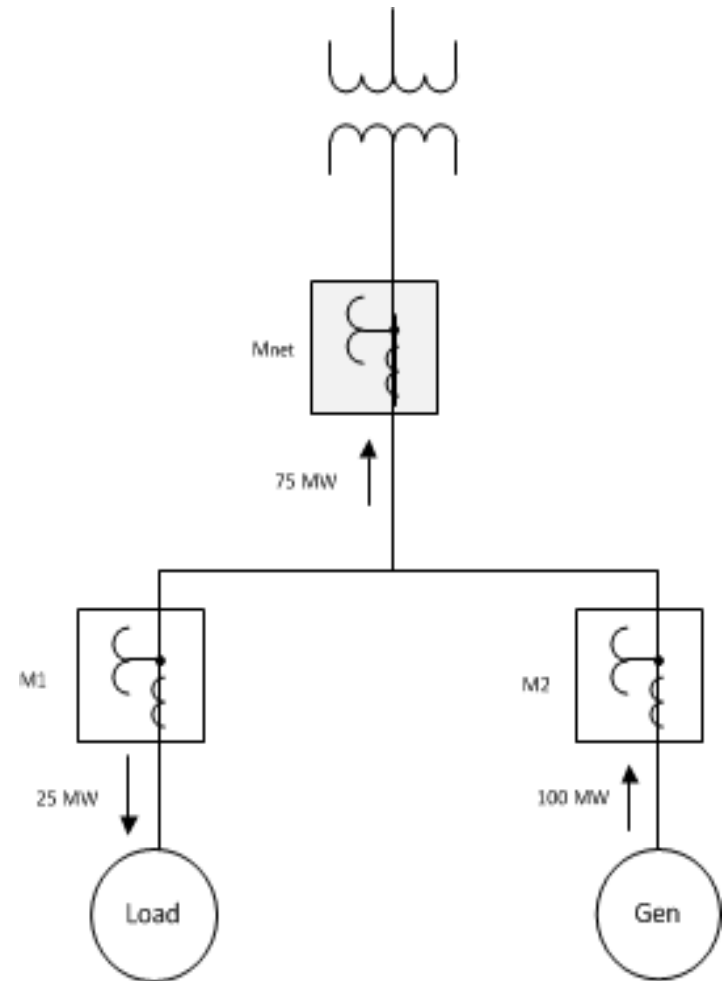
November 24, 2016

Update - Loss Compensation

- Comments received during the consultation were collected and reviewed by the JWG
- Added loss equations to account for line no-load loss (watt) and line no-load loss (var)
- No-load losses apportionment between multiple customers sharing a common power system component is based on an agreement as long as the sum of the apportionment equals the total no-load loss for the common power system component
- Load loss apportionment between multiple customers sharing a common power system component is based on dynamic loading

Update - Loss Compensation

- Load losses may be apportioned among two or more different classes of connected customers based on the following:
- Absolute gross metered load at each customer
- Independent gross metered load at each customer
- Net energy flow through common power system component



Update - Loss Compensation

- The next step will be to have these changes finalized and published before the end of the year.

Update - Instrument Transformers Wire Size

- Specification for installation and use: size of wires used to connect meters to conventional instrument transformers (S-E-03)
- The burden assumptions used to develop the tables are based on old electro-mechanical type meters (not solid-state type meters).
- Table for PT wire sizes assuming a fully loaded PT

Update - Instrument Transformers Wire Size

- Suggested a preference to develop a methodology and process to arrive at the appropriate wire sizes, rather than rely on the tables in S-E-10
- Two documents were presented to MC for review
 - Description of the process with examples
 - MEC verification tool (Excel) to test the process
- Working with Measurement Canada to finalize methodology to address the technical questions raised and simplification of the process

