

25 Hertz Metering

RMSC Meeting April 3, 2008

Neill Wong, Settlements, Metering Installations



Recent Developments

- PML ION 8600 Version 3.11 submitted for conforming meter list
- Separate Measurement Canada Notice of Approval No. AE-1535 issued Sept 27, 2007
- kWh only approved for energy metering
- Bi-directional power flow not specified
- 25 Hertz rating
- 120 VAC & 0.2 to 20 Amps
- 2 element 3-wire Delta & 3 element 4-wire Wye

Regulatory Driver

- OPGI Exemption 01-1234 from use of IESO conforming meters at Niagara TS – expires within two (2) years of MC approved meter on Conforming Meter List becoming available. This will then be 2010.
- Other 25 Hz facilities in Ontario:
 - Sir Adam Beck GS (Niagara) and Martindale TS (Sudbury). Both facilities are metered at 60 Hz side of frequency changer.