

Site Specific Loss Adjustments

SSLA Standard

- Section 6.2 - Development of Loss Adjustment Parameters for Power Transformers
 - Section 6.2.1 – Factory Test Results
 - Section 6.2.2 – Incomplete Information
 - Section 6.2.3 – Factory Test Results of ‘Equivalent’ Power Transformers

Power Transformer Data

- Information required to complete SSLA Register
- Nameplate Data
 - Rated Power (Self Cooled)
 - Rated Voltage
 - Connection Type
 - Serial #
 - Short Circuit Impedance (%) @ MVA
- Transformer Test Results
 - No-Load excitation loss (kW)
 - No-load excitation current (%)
 - Load loss (kW)

SSLA Register

- IMO processes SSLA Registers as submitted by the MSP
- During 2003 Audit program, IMO discovered that SSLA Registers are based on HydroOne PSDB data
- PSDB data is unsupported
- HydroOne has been asked to validate PSDB data by supplying Power Transformer Test Results
- HydroOne is in the process of resolving this issue

Considerations

- Re-register MI's using default values (0.3% increase in losses)
- Continue to use HydroOne's SSLA Registers. HydroOne is expected to resolve PSDB issue.
- Factory Test Results may be obtained from the manufacturer