



Hydro One Power System Data Base Transformer Data for Site Specific Loss Calculations

Metering Standard Committee Meeting

March 7, 2007

Background

- Last presented to the RMSC on May 10th 2006
- At that time 776 transformers required SSLA, 50 were missing test sheets
- Recommended that search continue and specify verification criteria
- Search has found more test sheets.
- Only 6 transformers remain with no test sheets
- Each have sequential serial #s

Transformers with No Test Sheets

Station Name	Op. Des	Serial #	MFR	MVA	KV	MMP
Lake TS	T3	289507	CGE	45/60/75	215-14	Horizon
Pleasant TS	T6	289833	ITT	75/100/125	215-28	Burlington
St. Lawrence TS	T5	61-02-69567	PION	75/100/125	215-44	HONI
Goreway TS	T6	61-02-69852	PION	75/100/125	215-28	Brampton
Scarboro TS	T22	61-02-69857	PION	75/100/125	215-28	Toronto
Meadowvale	T1	61-02-69954	PION	75/100/125	215-44	Enersource

TS

Companions with Test Sheets

Station Name	Op. Des	Serial #	MFR	Station Name	Op Des	Serial #
Lake TS	T3	289507	CGE	Lake TS	T4	289508
Pleasant TS	T6	289833	ITT	Buchanan TS	T14	289834
St. Lawrence TS	T5	61-02-69567	PION	St. Lawrence TS	T6	61-02-69566
Goreway TS	T6	61-02-69852	PION	Goreway TS	T5	61-02-69851
Scarboro TS	T22	61-02-69857	PION	Scarboro TS	T21	61-02-69856
Meadowvale	T1	61-02-69954	PION	Midhurst TS	T3	61-02-69953

TS

Verification

- Test sheets found are being verified with PSDB records. Results shown below
- Only Data related to SSLA tracked
- PSDB Record considered not correct if the discrepancy is “significant” (beyond a few decimal points)

DESCRIPTION	TOTAL	# WITH TEST SHEETS	% WITH TEST SHEETS	# VERIFIED	% VERIFIED	% CORRECT
All Transformers	3577	2421	67.68	737	30.44	
Transformers used in SSLA calculations:	763	757	99.21	666	87.98	92.04

Conclusion

- No further action require