

TRANSFORMER DATA SHEET

DATE : 12/20/2006
 CUSTOMER : HVES
 CIRCUIT/LOCATION : HVES #1
 MANUFACTURER : Howard
 TRANSFORMER TYPE : Pad Mount CLASS : OA
 S/N : 5808164706
 THREE PHASE SINGLE PHASE : 60 HERTZ

VOLTAGE RATING: 13200x4800-480Y/277 LV WINDING: ALUMINUM
 KVA RATING: 1000 Continuous, Self Cooled HV WINDING: ALUMINUM
 Continuous, Forced Air LV: 65 °C rise, BIL: 30 kV
 HV: 65 °C rise, BIL: 95 kV

NAMEPLATE DATA

Core & Coils	2951
Case & Fittings	
Oil in Gallons	330
Weight in Pounds	7385

Impedance volts : 5.7 % at rated volts at : 1000 KVA

TRANSFORMER TEST DATA

MEGGER TEST RESULTS

	1 Minute			POLARIZATION INDEX	CAPACITANCE in MICRO-FARAD	
High-> Ground	70k	M-Ohms, @	5	kV DC	1.98	0.02
Low -> Ground	60k	M-Ohms, @	1	kV DC	1.97	0.02
High-> Low	55k	M-Ohms, @	1	kV DC	1.24	0.02

TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3
14400	51.986	51.9826	51.9842	51.9863
13800	49.819	49.8204	49.8216	49.8218
13200	47.653	47.6542	47.6547	47.6546
12800	46.209	46.2190	46.2187	46.2179
12470	45.018	45.0179	45.0178	45.0179
4800	17.328	17.3274	17.3275	17.3276

COMMENTS

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