

TRANSFORMER DATA SHEET

DATE : 10/23/2006
 CUSTOMER : HVES
 CIRCUIT/LOCATION : HVES #46
 MANUFACTURER : General Electric
 TRANSFORMER TYPE : Dry Unisub CLASS : AA
 S/N : 9T26Y4359
 THREE PHASE SINGLE PHASE : 60 HERTZ

VOLTAGE RATING: 4160-480Y/277 LV WINDING: ALUMINUM
 KVA RATING: 500 Continuous, Self Cooled HV WINDING: ALUMINUM
 Continuous, Forced Air LV: 180 °C rise, BIL: kV
 HV: 180 °C rise, BIL: kV

NAMEPLATE DATA

Core & Coils	
Case & Fittings	
Oil in Gallons	n/a
Weight in Pounds	6500

Impedance volts : 4.4 % at rated volts at : 500 KVA

TRANSFORMER TEST DATA

MEGGER TEST RESULTS

	1 Minute			POLARIZATION INDEX	CAPACITANCE in MICRO-FARAD	
High-> Ground	50k	M-Ohms, @	5	kV DC	1.4	.02
Low -> Ground	10k	M-Ohms, @	1	kV DC	1.5	.02
High-> Low	10k	M-Ohms, @	1	kV DC	1.4	.02

TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3
4370	15.769	15.749	15.750	15.749
4265	15.394	15.374	15.375	15.373
4160	15.018	15.000	15.000	14.999
4055	14.642	14.624	14.625	14.624
3950	14.267	14.249	14.249	14.249

COMMENTS

Unit has integral high voltage load break switch on primary side and 1200A low voltage circuit breaker on secondary plus amps and volts metering.
 Tag 10965