

TRANSFORMER DATA SHEET

DATE : 4/21/2006  
 CUSTOMER : HVES  
 CIRCUIT/LOCATION : HVES #45  
 MANUFACTURER : Sunbelt/Westinghouse  
 TRANSFORMER TYPE : Pad Mount CLASS : OA  
 S/N : ST119958689  
 THREE PHASE  SINGLE PHASE  : 60 HERTZ

VOLTAGE RATING: 13200-480Y/277 LV WINDING: ALUMINUM  
 KVA RATING: 500 Continuous, Self Cooled HV WINDING: ALUMINUM  
 Continuous, Forced Air LV: 65 °C rise, BIL: 30kV  
 HV: 65 °C rise, BIL: 95kV

NAMEPLATE DATA

Core & Coils	2110
Case & Fittings	1670
Oil in Gallons	345
Weight in Pounds	6300

Impedance volts : 3.73 % at rated volts at : 500 KVA

**TRANSFORMER TEST DATA**

MEGGER TEST RESULTS

	1 Minute			POLARIZATION INDEX	CAPACITANCE in MICRO-FARAD
High-> Ground	30.8k	M-Ohms, @	5	kV DC	n/a
Low -> Ground	25.2k	M-Ohms, @	1	kV DC	n/a
High-> Low	40.6k	M-Ohms, @	5	kV DC	n/a

TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3
13860				
13530				
13200	47.653	47.637	47.641	47.638
12870				
12540				

COMMENTS

ID #10937