

**TRANSFORMER DATA SHEET**

DATE : 1/7/2000  
 CUSTOMER : HVES  
 CIRCUIT/LOCATION : HVES 27  
 MANUFACTURER : General Electric  
 TRANSFORMER TYPE : Oil/pad-mount CLASS : OA  
 S/N : Q543308-TPP  
 THREE PHASE  SINGLE PHASE  : 60 HERTZ

VOLTAGE RATING: 13800-208Y/277 LV WINDING: ALUMINUM  
 KVA RATING: 150 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	
Case & Fittings	
Oil in Gallons	215
Weight in Pounds	3350

Impedance volts : 5.33 % at rated volts at : 150 KVA

**TRANSFORMER TEST DATA**

MEGGER TEST RESULTS

	1 Minute		POLARIZATION INDEX	CAPACITANCE in MICRO-FARAD		
High-> Ground	77.0k	M-Ohms, @	5	kV DC	3.46	.01
Low -> Ground	3.98k	M-Ohms, @	.5	kV DC	2.14	.01
High-> Low	89.5k	M-Ohms, @	.5	kV DC	2.42	.01

TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3
14490	120.75	120.737	120.762	120.762
14145	117.87	117.863	117.885	117.880
13800	115.00	114.989	115.010	115.003
13455	112.12	112.116	112.134	112.130
13110	109.25	109.237	109.236	109.257

COMMENTS

Date of Mfr. 03/1999