

TRANSFORMER DATA SHEET

DATE : 01/05/2013
 CUSTOMER : HVES
 CIRCUIT/LOCATION : HVES 74
 MANUFACTURER : Alstom
 TRANSFORMER TYPE : Substation CLASS : OA/FFA
 S/N : PID-0293
 THREE PHASE SINGLE PHASE : 60 HERTZ

VOLTAGE RATING: 34,500 Delta - 13,200Y/7621 LV WINDING: ALUMINUM
 KVA RATING: 5000 Continuous, Self Cooled HV WINDING: ALUMINUM
 6250 Continuous, Forced Air LV: 65°C rise, BIL: 95 kV
 HV: 65°C rise, BIL: 150 kV

NAMEPLATE DATA

Core & Coils	10223
Case & Fittings	7101
Oil in Gallons	795/5866
Weight in Pounds	23190

Impedance volts : 7.29 % at rated volts at : 5000 KVA

TRANSFORMER TEST DATA

MEGGER TEST RESULTS

POLARIZATION INDEX

CAPACITANCE in MICRO-FARAD

	1 Minute					
High-> Ground	10k	M-Ohms, @	5	kV DC		
Low -> Ground	10k	M-Ohms, @	5	kV DC		
High-> Low	9k	M-Ohms, @	5	kV DC		

TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3
36225	4.754	4.751	4.751	4.751
35363	4.641	4.639	4.639	4.638
34500	4.528	4.526	4.526	4.525
33638	4.414	4.411	4.413	4.411
32775	4.301	4.297	4.298	4.298

COMMENTS

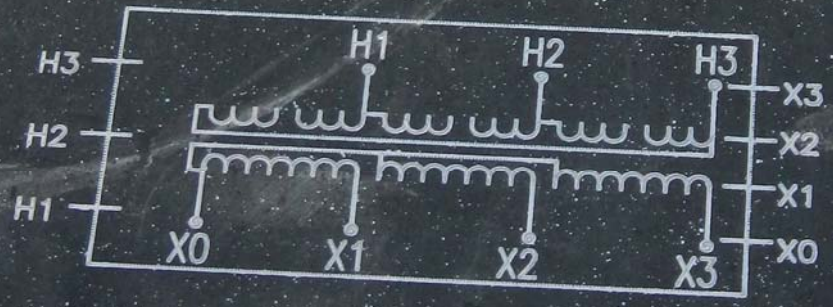
Tag 11335
 Date of manufacture: 04/2003
 Stored at Mullin's Yard

01/2013 Oil samples collected for analysis.

ALSTOM

KVA **5000/6250** OA **/FFA** **65** °C RISE
 HV **34500 DELTA** BIL **150** KV
 LV **13200Y/7621** BIL **95** KV
3 PHASE **60** Hz TRANSFORMER, **7.29** % IZ AT BASE KVA RATING
AL HV **AL** LV COND. ELEMENT **10223** LBS. TOTAL WEIGHT **23190** LBS.
795 GAL **OIL** AT **5866** LBS. LEVEL CHANGES **.53** INCH PER. 10°C.
 FLUID LEVEL **15.5** INCHES FROM TOP OF HAND HOLE AT 25°C.
 MAX TANK PRESS. POS **10.0** NEG **8.0** PSI
 SERIAL # **PID-0293** DATE OF MFG: **04/03**
INSTRUCTION REFERENCE MANUAL IB9.210

TAPS	A	B	C	D	E
VOLTS	36225	35363	34500	33638	32775



NON-PCB
12785931-18593

300 WEST ANTELOPE ROAD, MEDFORD OREGON 97503-1089 USA



ALSTO

DANGER
HIGH VOLTAGE

2317

2318

DANGER
HIGH VOLTAGE