

TRANSFORMER DATA SHEET

DATE : 7/19/2006
 CUSTOMER : HVES
 CIRCUIT/LOCATION : HVES #38 (new)
 MANUFACTURER : Rex Mfg
 TRANSFORMER TYPE : Isolation/dry CLASS : ANN
 S/N : U59855
 THREE PHASE SINGLE PHASE : 60 HERTZ

VOLTAGE RATING: 480 Delta-480Y/277 LV WINDING: COPPER
 KVA RATING: 34 Continuous, Self Cooled HV WINDING: COPPER
 Continuous, Forced Air LV: 150 °C rise, BIL: 10kV
 HV: 150 °C rise, BIL: 10kV

NAMEPLATE DATA

| | |
|------------------|-----|
| Core & Coils | |
| Case & Fittings | |
| Oil in Gallons | |
| Weight in Pounds | 290 |

Impedance volts : 6.2 % at rated volts at : 34 KVA

TRANSFORMER TEST DATA

MEGGER TEST RESULTS

| | 1 Minute | | | |
|---------------|----------|-----------|--|-------|
| High-> Ground | | M-Ohms, @ | | kV DC |
| Low -> Ground | | M-Ohms, @ | | kV DC |
| High-> Low | | M-Ohms, @ | | kV DC |

POLARIZATION
INDEX

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CAPACITANCE in
MICRO-FARAD

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TRANSFORMER TTR TESTS

| TAP (V) | CALC. TTR | PHASE 1 | PHASE 2 | PHASE 3 |
|---------|-----------|---------|---------|---------|
| 105.1% | | | | |
| 102.5% | | | | |
| 100% | | | | |
| 97.5% | | | | |
| 95% | | | | |
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COMMENTS