

Transmission Customer Q&A

Question: Can you please provide the Impedance and Resistance for Red Rock Transformers #9 and #10 for system base along with the operating and emergency ratings? Also, are there any projects assigned to upgrade those transformers in the near future?

Answer: [TR9 is the first row and TR10 is the second row.](#) At this time, there are no approved projects to upgrade these transformers in the near future.

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PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS/E          FRI, MAY 28 2010    9:25
P2-MOD-COL10-SERIES MRO 2011SUM SUMMER PEAK LOAD MODEL      3 WINDING XFRMER
P2-MOD-COL10-SERIES MRO 2011SUM EFFECTIVE DATE OF 07/15/2011  IMPEDANCE DATA
X- XFRMER -X S C X----- SPECIFIED NOMINAL MEASURED IMPEDANCES AND MVA BASES -----X X-ACTUAL IMPEDANCES FROM IMPEDANCE CORRECTION TABLE-X
X-- NAME --X T Z    R 1-2    X 1-2 SBAS1-2    R 2-3    X 2-3 SBAS2-3    R 3-1    X 3-1 SBAS3-1    R 1-2    X 1-2    R 2-3    X 2-3    R 3-1    X 3-1
7002235      1 3    270278  0.05730  240.0    146130  0.09710   63.0    160385  0.12580   63.0
90200-A      1 3    223050  0.06250  240.0          0  0.30500  240.0          0  0.37960  240.0
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