



No.JdVVNL/MD/CE(HQ)/SE(RA&C)/JU/2021-22/D. 287 Dt. 14.06.21

ORDER

Sub: Installation of Dry/Oil type transformers in Residential/ Commercial buildings and their testing in Nigam's Central Testing Laboratory (CTL) prior to installation.

Earlier in COMML.JDP/488 dated 20.03.2009, basic electrical parameters viz. no load loss, full load loss and percentage impedance etc. were prescribed for different ratings of Oil filled 11/0.4 kV distribution transformers upto 2000 kVA. As per RERC (Electricity Supply Code & Connected Matters) Regulation-2021, applicable supply voltage in case for electrification upto 2500 kVA is 11 kV. As such, in continuation to COMML.JDP/488, basic electrical parameters for 2500 kVA, 11/0.4 kV Oil filled distribution transformer are prescribed as below:

Rating in kVA	Maximum total losses at 75°C at 50% of rated full Load Current (Watt)	Maximum total losses at 75°C at 100% of rated full Load Current (Watt)	Percentage Impedance at 75°C (Tolerance +/- 10%)
2500 kVA	6150	18500	6.25

It is enjoined upon all concerned to ensure strict compliance with immediate effect.

By Order.


(A. K. MEENA)

**SUPERINTENDING ENGINEER (RA&C)
 JODHPUR DISCOM, JODHPUR**

Copy submitted/ forwarded to the following for information and necessary action:

- 1) The Director (Finance / Technical), Jodhpur Discom, Jodhpur.
- 2) The Zonal Chief Engineer (O&M-JDZ/ BMR/ BKZ), Jodhpur Discom, Jodhpur/ Barmer/Bikaner.
- 3) The Addl. Chief Engineer(S&T-CSS/ MM/IT&M&P), Jodhpur Discom, Jodhpur.
- 4) The Chief Accounts Officer(B&R/IA), Jodhpur Discom, Jodhpur.
- 5) The T.A. to Chairman, Discoms, Vidhyut Bhawan, Jaipur, for kind perusal of the Hon'ble Chairman.
- 6) The T.A. to Managing Director, Jodhpur Discom/Jaipur Discom/Ajmer Discom, Jodhpur /Jaipur/ Ajmer, for kind perusal of the Hon'ble MD.
- 7) The Company Secretary, Jodhpur Discom, Jodhpur.
- 8) The Superintending Engineer (CC / DC / O&M / BFL / PP&M / TW / M&P/ MM&C/ Vig.), Jodhpur Discom, Jodhpur / Pali / Barmer / Sirohi / Jalore / Jaisalmer / Bikaner / Hanumangarh / Sriganganagar / Churu/ Jaipur.
- 9) The Superintending Engineer(IT), Jodhpur Discom, Jodhpur for putting up the order on the website of Discom.
- 10) M/s Bikaner Electricity Supply Company, IInd Floor, 3-K-9, Pavanpuri, Bikaner(Raj). 334001 for circulating amongst officers under your control.
- 11) The P. S. to Hon'ble Energy Minister, Secretariat, GoR, Jaipur.
- 12) The P.S. to Secretary (Energy), Govt. of Rajasthan, Jaipur.
- 13) The TA to Electricity Ombudsman, Vidhyut Viniyamak Bhawan, Sahakar Marg, Near State Motor Garage, Jaipur, for kind perusal of Ombudsman.
- 14) The Addl. S. P. (Vigilance), Jodhpur Discom, Jodhpur. With spare copies for distribution amongst vigilance officers.
- 15) The Sr. Accounts Officer/Accounts Officer (O&M-CC / DC / Audit/ Rev), Jodhpur Discom, Jodhpur / Bikaner.
- 16) The Executive Engineer (O&M/ DD/ CTL/ A-B-C-Zone/ City-I-II/ Legal/ IA / Training/ Vigilance), Jodhpur Discom,..... **for circulating amongst all the AENs/JENs/ARO under your control.**
- 17) The Public Relation Officer, Jodhpur Discom, Jodhpur.
- 18)

**SUPERINTENDING ENGINEER (RA&C)
JODHPUR DISCOM, JODHPUR**