



प्रमाणित राशि सुर्ययो

JAIPUR VIDYUT VITRAN NIGAM LIMITED
OFFICE OF THE SUPERINTENDING ENGINEER
(PLAN & MONITORING)

VidyutBhawan, Room No. 416, Janpath, Jyoti Nagar, Jaipur-302005
 Telephone & Fax No. 0141-2747206, E-mail: seplan.jvvn@gmail.com

No. JPD/SE(P & M.)/XEN(Montg.)/D. 1359 Jaipur, Dated: 27.12.17

The Zonal Chief Engineer (J/Z/BZ/KZ),
 The Chief Engineer (HQ/MM/PP),
 The Dy. Chief Engineer (Training, Safety & Q.C.),
 The Superintending Engineer (O&M/JCC/JPDC/MM/Proc./I&S/TW/RE/Comml./M&P)
 Jaipur Discom,
 Jaipur/_____

Sub: Regarding Transformer megger value.

Ref.: 1. Letter No. MD/JPD/TA-II/F. D. 840 dated 17.11.2017 .

2. Aide Memoire of Meeting held on dated 15.12.17 of MMVSA.

On the above cited subject, it was directed in the MMVSA Meeting held on dated 15.12.17 that megger value of each Distribution Transformer which is older than 5 yrs be checked & ensure replacement of the same if parameters are found below the standard value. A "transformer megger value register" shall be maintained by the feeder-in-charge as per format enclosed herewith. (Format A enclosed)

The Assistant Engineer (O&M), concern will be responsible, if any existing Distribution Transformer older than 5 yrs gets failed / damaged, whose parameters were beyond the permissible value and not replaced in due course of time. The Chief Engineer (MM) , Jaipur Discom, Jaipur shall issue separate orders to maintain buffer stock of transformers at circle store level.

In partial modification to the letter dated 17.11.2017, the Meggar value of distribution transformer should be more than the values tabulated below:-

	Insulation Resistance (at deg c) in mega ohms				
	20°C	30°C	40°C	50°C	60°C
11000 volts (HV) to Earth	800	400	200	100	50
433 volts (LV) to Earth	400	200	100	50	25

The Zonal Chief Engineers shall closely monitor the same & ensure submission of information with new 10 point format 3.4.

Encl: As above

Signature
 (S.P. Gupta)
 Superintending Engineer
 (Plan & Monitoring)

Copy submitted /forwarded to following for information:-

1. The TA to Managing Director, Jaipur Discom, Jaipur.

Superintending Engineer (I&S)
 J.V.V.N.L. JAIPUR
 R.R. No. 1788
 09 JAN 2018
 XEN/AEM/JEN-III/Acctt./
 Estt./P/MSK

Superintending Engineer (M. M.)
 J.V.V.N.L. JAIPUR
 R.R. No. 3424
 27 DEC 2017
 SE (MM) PROC/I&S
 XEN TA/AC/AC (MM)

Signature
 27-12-17
 Superintending Engineer
 (Plan & Monitoring)



JAIPUR VIDYUT VITRAN NIGAM LIMITED

Transformer Megger Value Register

Name of Circle	
Name of Division	
Name Sub-Division	
Name of 33 KV Sub-station	
Name of 11 KV feeder	
Name of Feeder In-Charge	
Name of Locality place of transformer installed	
S.No. of Transformer	
Name of Mfg. Firm	
Capacity of Transformer (in KVA)	
Year of Mfg./Guarantee period	
Year & Date of repairing (if any)	
Test Report :-	
Status of metering (whether meter installed or not)	
Meter OK or stop/defective	
Megger value	
Atmospheric temp.	
Value of Earth resistance	
Period of installation of existing Transformer	
Checked by	
Checking Date	
Recommendation	
If the megger value found as per norms after repairing (i.e. Replacement of Oil, bushing, M-seal etc), detailed report be mentioned	
If the megger value not found as per norms , action taken for replacement of transformer. Mention details of new installed transformer (S.No. of transformer, make year Mfg. Date of replacement etc.)	

Signature of XEN (O&V) with date	Signature of AEN (O&M) with date	Signature of JEN(O&M) with date	Signature of feeder In-charge with date
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