



RJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED

(An ISO 9001: 2008 Certified Company)

Corporate Identity Number(CIN): L40109RJ2000SGC016485

OFFICE OF THE CHIEF ENGINEER (METER, PROTECTION, TESTING & SAFETY).
CHAMBAL GSS PREMISES, HAWA SARAK, CIVIL LINES, JAIPUR – 302019

Email : ce.mps@rvpn.co.in

TELE-FAX : 0141-2291891

No. RVPN/CE/MPT&S/Tech. /F. /D. 278 Jaipur, Dated 21-8-2017

TECHNICAL CIRCULAR NO.35

Presently characteristic for over current and earth fault relay provided on 33 KV outgoing feeders is selected as IDMT.

In addition to above definite time(DT) with delay of 100 msec.for over current and earth fault relay may also be selected in the numerical relays.

Current setting may be selected as follows.

- (a) **For over current** :- Reflected fault of 11 KV side on 33 KV side of 33/11 KV, 8 MVA transformer may be considered as 150 Amp.(Primary Current).
- (b) **For earth fault** :-100 Amp. (Primary current).

Above settings will further reduce the fault clearance time of 33 KV feeders.

A.K. Gupta
21/8/17

(A.K.GUPTA)

Add.Chief Engineer (MPT&S),
RVPN, Jaipur

Copy submitted/forwarded to the following for information and n/a.

4. The Chief Engineer/Addl Chief Engineer (MPT&S), RVPN, Ajmer /Jodhpur
5. The Superintending Engineer (Prof.Engg.), RVPN, Jaipur
6. The Superintending Engineer (MPT&S), RVPN, Jaipur/ Kota/ Ajmer/ Udaipur/ Bikaner/ Jodhpur

A.K. Gupta
21/8/17

Add.Chief Engineer (MPT&S),
RVPN, Jaipur