

Results of Commissioning/Routine Testing of MM3V/RR3V

Name of Sub-station

C.T.R. Date

Name of Feeder

..... Protection

(A) Phase to Neutral Injection of Starting Relays YCG-17

Phase	Relay Ohmic Setting Z _R in Ohms	N	Impedance to be set on ZFB Test Set $Z = \left(\frac{1+16.4 K}{I_R R_R} \right) \frac{Z_R}{N}$ <small>in Ohms</small>	Impedance Set on ZFB Test Set			Source Impedance in ohms	Observed % Potential P'	Theoretical % Potential P	% Error $= \frac{P'-P}{P} \times 100$	Remarks	
				Taps on		Z in Ohms						Angle
1	2	3	4	5	6	7	8	9	10	11	12	13
A-N												
B-N												
C-N												

(B) Phase to Phase Injection of Reverse Looking Carrier Blocking Starters YCG-15 & Power Swing Blocking Relay YCO

1	2	3	$Z = 2Z_R/N$ 4	5	6	7	8	9	10	11	12	13
A-B F												
Rev												
B-C F												
Rev												
C-A F												
Rev												
YCO F												
(A-B) Rev												

(C) Final Settings :-

(i) YCG-17 :-

(ii) YCG-15 :-

(iii) YCO :- $K_1 = \dots\dots\dots$, $K_2 = \dots\dots\dots$ $Z_F = \dots\dots\dots$ ohms, $Z_R = \dots\dots\dots$ ohms.

Countersigned by :

Tested by :

Executive Engineer (T&C)

Assistant Engineer (T&C)

NOTE :- This sheet is meant for Mho Starters, Power Swing Blocking & Reverse Looking Starters for Carrier Blocking.