

PROTECTION FUNCTION	ANSI CODE	OUT PUT	MAIN BREAKER						TIE BREAKER						CLOSE MAIN CB	CLOSE TIE CB	3PH MASTER TRIP RELAY GROUP-A, MAIN BAY	3PH MASTER TRIP RELAY GROUP-B, MAIN BAY	3PH MASTER TRIP RELAY GROUP-A, TIE BAY	3PH MASTER TRIP RELAY GROUP-B, TIE BAY	DIRECT TRIP SEND CHANNEL-1	DIRECT TRIP SEND CHANNEL-2	CARRIER SEND CHANNEL-1	CARRIER SEND CHANNEL-2	BUSBAR PROTECTION	NGR BYPASS COMMAND	DR TRIGGER	REMARKS
			TO CB TRIP COIL-1	TO CB TRIP COIL-2	AUTO RECLOSE INITIATION	BLOCK AUTO RECLOSE	AUTO RECLOSE LOCKOUT	LEBB PROTIN INITIATION	TO CB TRIP COIL-1	TO CB TRIP COIL-2	AUTO RECLOSE INITIATION	BLOCK AUTO RECLOSE	AUTO RECLOSE LOCKOUT	LEBB PROTIN INITIATION														
REACTOR DIFFERENTIAL PROTECTION(PDIF, 87R) \$\$\$	87R	3Ph	-	-	-	-	-	-	-	-	-	-	-	-	-	TP	TP	TP	TP	IP	IP	-	-	-	-	-	IP	\$\$\$ IF 1-PH REACTOR BANK USED THEN CT SELECTION SHOULD BE AS PER SELECTION LOGIC OF R, Y, B AND SPARE REACTOR IN SERVICE
REACTOR BACK UP IMPEDANCE(PDIS, 21R)\$\$\$ (E/F PICKUP (5SEC))**	21R	3Ph	-	-	-	-	-	-	-	-	-	-	-	-	-	TP	TP	TP	TP	IP	IP	-	-	-	-	-	IP**	** BYPASS CB/ISOLATOR CLOSING WHEN E/F PICKUP(5SEC)
REACTOR RESTRICTED EARTH FAULT(PDIF, 64R)\$\$\$	64R	3Ph	-	-	-	-	-	-	-	-	-	-	-	-	-	TP	TP	TP	TP	IP	IP	-	-	-	-	-	IP	
REACTOR WTI TRIP ##		3Ph	-	-	-	-	-	-	-	-	-	-	-	-	-	TP	TP	TP	TP	IP	IP	-	-	-	-	-	IP	## IF 1-PH REACTOR BANK USED THEN TRIPPING SHOULD BE AS PER SELECTION LOGIC OF R, Y, B AND SPARE TRANSFORMER IN SERVICE.
REACTOR OTI TRIP ##		3Ph	-	-	-	-	-	-	-	-	-	-	-	-	-	TP	TP	TP	TP	IP	IP	-	-	-	-	-	IP	
REACTOR PRV TRIP ##		3Ph	-	-	-	-	-	-	-	-	-	-	-	-	-	TP	TP	TP	TP	IP	IP	-	-	-	-	-	IP	
REACTOR BUCHI TRIP##		3Ph	-	-	-	-	-	-	-	-	-	-	-	-	-	TP	TP	TP	TP	IP	IP	-	-	-	-	-	IP	
NGR MECHANICAL TRIPPING		3Ph	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	IP**	IP	** NGR BYPASS CB/ISOLATOR CLOSING WHEN NGR MECH TRIP OPERATED

RS: - INDICATES RESET STATUS FOR CB CLOSING

TP: - INDICATES TRIP FROM PROTN. FUNCTION

IP: - INDICATES INITIATION FROM PROTN FUNCTION



PROTECTION TRIP LOGIC DIAGRAM FOR NON SWITCHABLE L/R

Date: 08/01/2024

Doc. Rev No: 00

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