

RESTORATION TIMES FOR DIFFERENT TYPES OF FAILURES OF A TRANSMISSION LINE AND FAILURE OF INTER-CONNECTING TRANSFORMER (ICT)				
SN	Types of Failures	Restoration Time (Days)		
<b>A</b>	<b>Elements of the Transmission Line for Single Circuit (S/C), Double Circuit (D/C) and Multi-Circuit (M/C) towers for each kV class separately</b>			
<b>1</b>	<b>Insulator failure</b>	<b>Terrain Type</b>		
		<b>Plain</b>	<b>River Bed</b>	<b>Hilly</b>
	(i) Insulator failure in single phase			
	(ii) Insulator failure in two phases			
	(iii) Insulator failure in three phases			
2	Tower after collapse by Emergency Restoration System (ERS) for S/C, D/C and M/C separately			
3	Tower after collapse without Emergency Restoration System (ERS) for S/C, D/C and M/C separately			
4	<b>Tower damage (not collapse)</b>			
	One Arm damage			
	Two Arms damage			
5	<b>Snapping of Phase Conductor</b>			
	Conductor snapping in single phase		NIL	
	Conductor snapping in two phases			
	Conductor snapping in three phases			
6	Failure of earth wire			
7	Insulator failure with conductor snapping			
8	Any other combination of failures			
	(restoration of damaged E/W peak at location number 129 for CKT - I)	9:30 Hrs		
	(restoration of damaged E/W peak at location number 129 for CKT - II)	9:36 Hrs		
<b>B</b>	<b>Elements of the sub-station for each kV class separately</b>			
1	<b>Failure of Inter Connecting Transformers (ICTs)</b>			
	Restoration of the failed ICT			
	Othe major failures in ICTs	Single Phase Unit		Three Phase Unit
	(i) Replacement of faulty bushings			
	(ii) Replacement of failed/ blasted bushings			
	(iii) Replacement of faulty tap changers			
2	<b>Failure of Reactors</b>			
	Restoration of the failed reactor		NA	