

Standard of Performance data for the month of July-2022

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., WESTERN REGION-I

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage	
BSR	125MVAR, BUS REACTOR-1 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00			
							0.00	0.00	0.00	0.00	0.00	100.00		
BSR	240MVAR, BUS REACTOR-1 AT AURANGABAD	SVRD	04/07/22	11:31:00	05/07/22	22:06:00	1.44	0.00	0.00	0.00	0.00	34.58	* BR H/T as per WRLCD instructions for Voltage Regulation.	
BSR	240MVAR, BUS REACTOR-1 AT AURANGABAD	SVRD	26/07/22	07:38:00	26/07/22	21:20:00	0.57	0.00	0.00	0.00	0.00	13.70	* B/R H/T as per WRLCD instructions for Voltage Regulation.	
BSR	240MVAR, BUS REACTOR-1 AT AURANGABAD	SVRD	27/07/22	07:06:00	27/07/22	21:35:00	0.60	0.00	0.00	0.00	0.00	14.48	* BR H/T as per WRLCD instructions for VR	
BSR	240MVAR, BUS REACTOR-1 AT AURANGABAD	SVRD	07/07/22	06:54:00	07/07/22	19:46:00	0.54	0.00	0.00	0.00	0.00	12.87	* BR H/T as per WRLCD instructions for Voltage Regulation.	
BSR	240MVAR, BUS REACTOR-1 AT AURANGABAD	SVRD	12/07/22	08:54:00	13/07/22	02:36:00	0.74	0.00	0.00	0.00	0.00	17.70	* BR H/T as per WRLCD instructions for Voltage Regulation.	
							3.89	0.00	0.00	0.00	0.00	93.33	100.00	
BSR	240MVAR, BUS REACTOR-2 AT AURANGABAD	OSPT	06/07/22	09:22:00	06/07/22	18:04:00	0.36	8.70	0.00	0.00	0.00	0.00		* For AMP and relay testing works.
BSR	240MVAR, BUS REACTOR-2 AT AURANGABAD	SVRD	07/07/22	09:41:00	09/07/22	02:32:00	1.70	0.00	0.00	0.00	0.00	40.85	* BR H/T as per WRLCD instructions for Voltage Regulation.	
BSR	240MVAR, BUS REACTOR-2 AT AURANGABAD	SVRD	26/07/22	09:07:00	31/07/22	23:59:59	5.62	0.00	0.00	0.00	0.00	134.88	* B/R H/T as per WRLCD instructions for Voltage Regulation.	
							7.68	8.70	0.00	0.00	0.00	175.73	98.83	
BSR	50MVAR, BUS REACTOR-1 AT BHADRAWATI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	63MVAR, BUS REACTOR-2 AT BHADRAWATI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR, BUS REACTOR-1 AT BHATAPARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-1 AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR, BUS REACTOR-1 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-1 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR, BUS REACTOR-2 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-2 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR, BUS REACTOR-1 AT DHULE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR, BUS REACTOR-1 AT DHARAMJAYGA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	330MVAR, BUS REACTOR-1 AT DHARAMJAYGA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	330MVAR, BUS REACTOR-2 AT DHARAMJAYGA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	330MVAR, BUS REACTOR-3 AT DHARAMJAYGA	SRET	01/07/22	00:00:01	12/07/22	00:37:00	11.03	264.62	0.00	0.00	0.00	0.00		* BR tripped on REF protection operated due to fire caught in 765kV Bus Reactor-3 Relay panel.
							11.03	264.62	0.00	0.00	0.00	0.00	64.43	
BSR	125MVAR, BUS REACTOR-2 AT KOLHAPUR	SVRD	01/07/22	00:00:01	31/07/22	23:59:59	31.00	0.00	0.00	0.00	0.00	744.00	* BR H/T as per WRLCD instructions for Voltage Regulation.	
BSR	125MVAR, BUS REACTOR-2 AT KOLHAPUR	SVRD	04/07/22	11:26:00	08/07/22	01:54:00	3.60	0.00	0.00	0.00	0.00	86.47	* BR H/T as per WRLCD instructions for Voltage Regulation. Enter text here...	
							34.60	0.00	0.00	0.00	0.00	830.47	100.00	
BSR	80MVAR, BUS REACTOR-1 AT KOLHAPUR MSE	SVRD	21/07/22	10:18:00	21/07/22	22:00:00	0.49	0.00	0.00	0.00	0.00	11.70	* BR H/T as per WRLCD instructions for Voltage Regulation.* 21.07.2022 22:04:56 INDIA Prasanna Anil Pandharikar (60021315)* AFTER CHARGING: 419/418KV	
BSR	80MVAR, BUS REACTOR-1 AT KOLHAPUR MSE	SVRD	02/07/22	10:02:00	02/07/22	21:08:00	0.46	0.00	0.00	0.00	0.00	11.10	* BR H/T as per WRLCD instructions for Voltage Regulation.	
BSR	80MVAR, BUS REACTOR-1 AT KOLHAPUR MSE	SVRD	14/07/22	10:04:00	14/07/22	22:00:00	0.50	0.00	0.00	0.00	0.00	11.93	* BR H/T as per WRLCD instructions for Voltage Regulation* (398/402KV)	
BSR	80MVAR, BUS REACTOR-1 AT KOLHAPUR MSE	SVRD	04/07/22	09:43:00	04/07/22	18:30:00	0.37	0.00	0.00	0.00	0.00	8.78	* BR H/T as per WRLCD instructions for Voltage Regulation.	
BSR	80MVAR, BUS REACTOR-1 AT KOLHAPUR MSE	SVRD	15/07/22	12:15:00	16/07/22	01:42:00	0.56	0.00	0.00	0.00	0.00	13.45	* BR H/T as per WRLCD instructions for Voltage Regulation* (405/407KV)	
BSR	80MVAR, BUS REACTOR-1 AT KOLHAPUR MSE	SVRD	29/07/22	10:19:00	30/07/22	00:42:00	0.60	0.00	0.00	0.00	0.00	14.38	* BR H/T as per WRLCD instructions for Voltage Regulation.	
BSR	80MVAR, BUS REACTOR-1 AT KOLHAPUR MSE	SVRD	27/07/22	10:26:00	27/07/22	21:00:00	0.44	0.00	0.00	0.00	0.00	10.57	* B/R H/T as per WRLCD instructions for Voltage Regulation.	
							3.42	0.00	0.00	0.00	0.00	81.91	100.00	
BSR	80MVAR, BUS REACTOR-1 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-1 AT KOTRA PS	OSPT	25/07/22	16:49:00	25/07/22	18:40:00	0.08	1.85	0.00	0.00	0.00	0.00		* For Spare Rotation. Last spare change over Date: 12/07/2022. Presently spare phase unit taken out of service.
BSR	240MVAR, BUS REACTOR-1 AT KOTRA PS	OSPT	12/07/22	13:19:00	12/07/22	17:29:00	0.17	4.17	0.00	0.00	0.00	0.00		* For Spare Rotation. Last spare change over Date: 12/03/2022. Presently spare phase unit taken in to service in place of B-ph unit.
BSR	240MVAR, BUS REACTOR-1 AT KOTRA PS	SCSD	12/07/22	10:19:00	12/07/22	13:19:00	0.13	0.00	0.00	0.00	0.00	3.00	* For Spare Switching	
BSR	240MVAR, BUS REACTOR-1 AT KOTRA PS	SCSD	25/07/22	13:49:00	25/07/22	16:49:00	0.13	0.00	0.00	0.00	0.00	3.00	* For Spare Switching	
							0.51	6.02	0.00	0.00	0.00	6.00	99.19	
BSR	125MVAR, BUS REACTOR-2 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-2 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR, BUS REACTOR-1 AT MAPUSA	SVRD	01/07/22	00:00:01	31/07/22	23:59:59	31.00	0.00	0.00	0.00	0.00	744.00	* BR H/T as per WRLCD instructions for Voltage Regulation.	
							31.00	0.00	0.00	0.00	0.00	744.00	100.00	
BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	04/07/22	09:27:00	04/07/22	15:18:00	0.24	0.00	0.00	0.00	0.00	5.85	* BR H/T as per WRLCD instructions for Voltage Regulation.	
BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	13/07/22	10:08:00	13/07/22	23:35:00	0.56	0.00	0.00	0.00	0.00	13.45	* B/R H/T as per WRLCD instructions for Voltage Regulation.	
BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	08/07/22	09:50:00	08/07/22	14:40:00	0.20	0.00	0.00	0.00	0.00	4.83	* BR H/T as per WRLCD instruction for VR	
BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	11/07/22	09:06:00	11/07/22	22:50:00	0.57	0.00	0.00	0.00	0.00	13.73	* BR H/T as per WRLCD instructions for Voltage Regulation. Enter text here...	
BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	29/07/22	09:41:00	29/07/22	22:53:00	0.55	0.00	0.00	0.00	0.00	13.20	* BR H/T as per WRLCD instructions for Voltage Regulation.	
BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	25/07/22	10:10:00	25/07/22	21:03:00	0.45	0.00	0.00	0.00	0.00	10.88	* BR H/T or Voltage Regulation	
BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	02/07/22	11:16:00	03/07/22	13:21:00	1.09	0.00	0.00	0.00	0.00	26.08	* BR HT as per WRLCD instructions for Voltage Regulation.	
BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	28/07/22	09:51:00	28/07/22	20:10:00	0.43	0.00	0.00	0.00	0.00	10.32	* B/R H/T as per WRLCD instructions for Voltage Regulation.	
BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	12/07/22	09:09:00	13/07/22	02:38:00	0.73	0.00	0.00	0.00	0.00	17.48	* B/R H/T as per WRLCD instructions for Voltage Regulation.	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							4.82	0.00	0.00	0.00	115.82	100.00	
BSR	63MVAR, BUS REACTOR-1 AT PARLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR, BUS REACTOR-2 AT PARLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR, BUS REACTOR-1 AT PUNE	SVRD	28/07/22	10:05:00	31/07/22	23:59:59	3.58	0.00	0.00	0.00	85.92	100.00	* B/R H/T as per WRLDC instructions for Voltage Regulation.
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	07/07/22	09:36:00	07/07/22	19:23:00	0.41	0.00	0.00	0.00	9.78	100.00	* BR H/T as per WRLDC instructions for Voltage Regulation.
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	OSFT	18/07/22	15:06:00	18/07/22	18:00:00	0.12	2.90	0.00	0.00	0.00	100.00	* Emergency outage availed for taking spare unit out and R ph unit take into service. Last change over date: 18/05/2022.
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	25/07/22	09:41:00	25/07/22	22:28:00	0.53	0.00	0.00	0.00	12.78	100.00	* To Hand Trip Bus reactor for Voltage regulation
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	26/07/22	07:54:00	26/07/22	20:23:00	0.52	0.00	0.00	0.00	12.48	100.00	* B/R H/T as per WRLDC instructions for Voltage Regulation.
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	28/07/22	08:56:20	29/07/22	22:02:00	1.55	0.00	0.00	0.00	37.09	100.00	* B/R H/T as per WRLDC instructions for Voltage Regulation.
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SNCC	18/07/22	12:06:00	18/07/22	15:06:00	0.13	0.00	0.00	3.00	0.00	100.00	* Emergency outage availed for taking spare unit out and Rph unit take into service.* 31.07.2022 22:48:07 INDIA N Vinod Babu (60016790)* Last change over date: 18/05/2022.
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	08/07/22	09:07:00	08/07/22	23:49:00	0.61	0.00	0.00	0.00	14.70	100.00	* BR H/T as per WRLDC instructions for VR
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	20/07/22	09:41:00	20/07/22	23:01:00	0.56	0.00	0.00	0.00	13.33	100.00	* BR H/T as per WRLDC instructions for Voltage Regulation.
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	27/07/22	12:04:00	27/07/22	21:34:00	0.40	0.00	0.00	0.00	9.50	100.00	* B/R H/T as per WRLDC instructions for Voltage Regulation.
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	16/07/22	10:05:00	16/07/22	21:57:00	0.49	0.00	0.00	0.00	11.87	100.00	* BR H/T as per WRLDC instructions for Voltage regulation
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	30/07/22	08:13:00	31/07/22	01:33:00	0.72	0.00	0.00	0.00	17.33	100.00	* BR H/T as per WRLDC instructions for Voltage Regulation.
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	05/07/22	10:35:00	05/07/22	21:39:00	0.46	0.00	0.00	0.00	11.07	100.00	* BR H/T as per WRLDC instructions for Voltage Regulation.
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	15/07/22	10:03:00	16/07/22	00:30:00	0.60	0.00	0.00	0.00	14.45	100.00	* BR H/T as per WRLDC instructions for Voltage Regulation* (756/766KV)
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	04/07/22	06:30:00	04/07/22	17:45:00	0.47	0.00	0.00	0.00	11.25	100.00	* BR H/T as per WRLDC instructions for VR
BSR	63MVAR, BUS REACTOR-1 AT RAIGARH			00:00:00		00:00:00	7.57	2.90	0.00	3.00	175.63	99.61	
BSR	125MVAR, BUS REACTOR-2 AT RAIGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-1 AT RAIPUR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR, BUS REACTOR-1 AT RAIPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR, BUS REACTOR-2 AT RAIPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR, BUS REACTOR-1 AT SEONI	OSPT	12/07/22	10:42:00	12/07/22	18:20:00	0.32	7.63	0.00	0.00	0.00	100.00	* For changing of LA multibase to single base
BSR	240MVAR, BUS REACTOR-1 AT SEONI			00:00:00		00:00:00	0.32	7.63	0.00	0.00	0.00	98.97	
BSR	50MVAR, BUS REACTOR-2 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-1 AT SOLAPUR	SVRD	04/07/22	11:46:00	05/07/22	00:32:00	0.53	0.00	0.00	0.00	12.77	100.00	* BR H/T as per WRLDC instructions for Voltage Regulation.
BSR	63MVAR, BUS REACTOR-1 AT SOLAPUR			00:00:00		00:00:00	0.53	0.00	0.00	0.00	12.77	100.00	
BSR	240MVAR, BUS REACTOR-2 AT SOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-1 AT TAMNAR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR, BUS REACTOR-1 AT WARDHA	SCSD	27/07/22	09:42:00	27/07/22	20:24:00	0.45	0.00	0.00	0.00	10.70	100.00	* For isolator upgradation work under SS11 (New construction work)
BSR	240MVAR, BUS REACTOR-1 AT WARDHA			00:00:00		00:00:00	0.45	0.00	0.00	0.00	10.70	100.00	
BSR	330MVAR, BUS REACTOR-2 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV KORBA(CSEB)-BUDDHIPADAR(OPTCL)-3	OSPD	06/07/22	09:14:00	06/07/22	17:50:00	0.36	0.00	0.00	0.00	8.60	100.00	* Outage availed by SLDC_CG for AMP works
CKT	400kV AKOLA(MSETCL)-AURANGABAD-1			00:00:00		00:00:00	0.36	0.00	0.00	0.00	8.60	100.00	
CKT	400kV AKOLA(MSETCL)-AURANGABAD-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV AURANGABAD-AURANGABAD(MSETCL)-			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV AURANGABAD-AURANGABAD(MSETCL)-			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADRAWATI-CHANDRAPUR(MSEB)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADRAWATI-CHANDRAPUR(MSEB)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADRAWATI-CHANDRAPUR(MSEB)-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADRAWATI-CHANDRAPUR(MSEB)-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADRAWATI-DHARIWAL(CESC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADRAWATI-PARLI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHATAPARA-BHILAI(CSEB)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHILAI(CSEB)-BHADRAWATI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHILAI(CSEB)-KORADI(MSEB)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DHARIWAL(CESC)-PARLI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JHARSUGUDA-RAIGARH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JHARSUGUDA-RAIGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JHARSUGUDA-RAIGARH-3	LNCC	01/07/22	01:42:00	01/07/22	02:29:00	0.03	0.00	0.00	0.78	0.00	100.00	* Line Autoreclosed successfully on Yphase-Ground fault at Raigarh end but tripped at Jharsuguda end. AFAS at Raigarh: FD: 49.05Kms, FC: - 5.91KA, AFAS at Jharsuguda: FD: 90.57Kms, FC: - 4.225KA.* 08.08.2022 11:38:28 INDIA N Vinod Babu (60016790)* During Post fault patrolling fault found at Loc No-716(DD+0), where flashover mark found between Jumper conductor (Top) to Middle phase x-arm.
							0.03	0.00	0.00	0.78	0.00	100.00	
CKT	400kV JHARSUGUDA-RAIGARH-4	LART	27/07/22	12:37:00	27/07/22	12:37:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R successfully operated on B-G fault, FD-46.713km, FC-3.52kA from Raigarh end. Fault is in Odisha jurisdiction.* 08.08.2022 11:45:35 INDIA N Vinod Babu (60016790)* During Post fault patrolling fault found at Loc No-473(DA+0), where flashover mark found between CC-ring and Arcing horn of Bottom phase (B-Phase). One no of broken insulator disc found near the locations. Distance 103KM from SNG end.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KOLHAPUR GIS-MAPUSA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KOLHAPUR GIS-MAPUSA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KOLHAPUR(MSETCL)-KOLHAPUR GIS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KOLHAPUR(MSETCL)-KOLHAPUR GIS-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-BHATAPARA	LART	08/07/22	21:41:00	08/07/22	21:41:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R successfully operated on Yph- E fault. Fault distance is 52Km from Bhatapara SS. Suspected fault tower location is 209. Suspected fault tower section is 204-214. Patrolling may be done 199-219. Fault is in Champa TLM jurisdiction.* 03.08.2022 01:24:02 INDIA Prasanna Anil Pandharikar (60021315)* Flashover mark on CC ring at loc. No. 209
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-BHILAI(CSEB)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-BHILAI(CSEB)-2	OMSU	16/07/22	11:55:00	16/07/22	12:30:00	0.02	0.00	0.58	0.00	0.00	100.00	* Line tripped at Bhilai end only, due to DC earth fault.
							0.02	0.00	0.58	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-BIRSINGHPUR(MPGENCO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-BIRSINGHPUR(MPGENCO)	LHWT	21/07/22	07:00:00	21/07/22	19:00:00	0.50	12.00	0.00	0.00	0.00	100.00	* Line tripped on B-phase to Ground fault. At Korba end: FD: - 148Kms, FC: - 2.68KA. Line test charging attempt taken from KORBA end at 20:06 Hrs but line tripped on SOTF protection, FD: - 134.9Kms, FC: 2.63 KA. Fault is in WR-II jurisdiction. Insulator string decapped at Location No.528.
							0.58	0.00	0.00	13.83	0.00	100.00	
CKT	400kV KORBA(NTPC)-BIRSINGHPUR(MPGENCO)	LNCC	20/07/22	18:10:00	21/07/22	08:00:00	0.58	0.00	0.00	13.83	0.00	98.36	* Line tripped on B-phase to Ground fault. At Korba end: FD: - 148Kms, FC: - 2.68KA, At Birsingpur end: FD: - 37.7Kms, FC: 11KA. Line test charging attempt taken from KORNA end at 20:06 Hrs but line tripped on protection, FD: - 134.9Kms, FC: 2.63 KA. Fault is in WR-II jurisdiction.
							1.08	12.00	0.00	13.83	0.00	98.36	
CKT	400kV KORBA(NTPC)-KORBA(CSEB)-1	OSFD	02/07/22	12:00:00	02/07/22	19:20:00	0.31	0.00	0.00	0.00	7.33	100.00	* Emergency outage availed by Korba (East) CSPTCL for control circuit checking work
							31.31	0.00	0.00	0.00	751.33	100.00	* Opened to control fault level at NTPC Korba
CKT	400kV KORBA(NTPC)-KORBA(CSEB)-1	LPRD	01/07/22	00:00:01	31/07/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-MAHAN(ESSAR)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-RAIPUR-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-RAIPUR-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-SIPAT(NTPC)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORADI(MSEB)-SATPURA(MPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV LARA(NTPC)-CHAMPA-1	LART	02/07/22	00:09:00	02/07/22	00:09:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line AR successful on B-phase to Ground fault. At Champa ss, FD:- 66.6 Kms, FC: - 7.39KA* 03.08.2022 01:01:34 INDIA Prasanna Anil Pandharikar (60021315)* Line AR successfully on B-E fault. Fault distance is 44Kms from Champa. Suspected fault tower location is 191. Suspected fault tower section is 186-196. Patrolling may be done from 181-201. Fault is in Champa TLM jurisdiction.* Flashover mark on yoke plate and CC Ring at loc no. 159.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV LARA(NTPC)-CHAMPA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV LARA(NTPC)-KOTRA PS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV LARA(NTPC)-KOTRA PS-2	OSPT	06/07/22	09:58:00	06/07/22	19:05:00	0.38	9.12	0.00	0.00	0.00	98.77	* AMP as per Maintenance schedule
							0.38	9.12	0.00	0.00	0.00	98.77	
CKT	400kV MAHAN(ESSAR)-VINDHYACHAL(NTPC)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MAUDA(NTPC)-WARDHA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV MAUDA(NTPC)-WARDHA-2	OMSU	22/07/22	12:59:00	22/07/22	13:56:00	0.04	0.00	0.95	0.00	0.00		* Line Auto reclosed successfully on Y-phase to ground fault at Wardha end but tripped at Mouda(NTPC) end. At Wardha: FD: - 90.96Kms, FC: - 5.9KA, At Mouda(NTPC), FD: - 22.4Kms and FC: 13KA.* 03.08.2022 01:43:39 INDIA Prasanna Anil Pandharikar (60021315)* Line Auto reclosed successfully on Y-phase to Ground fault at Wardha end but tripped at Mouda (NTPC) end. Fault distance is 22Kms from Mouda end. Suspected fault tower location is 63. Suspected fault tower section is 58-68. Patrolling may be done from 53-73. Fault is in Nagpur TLM jurisdiction.* Flashover marks found on insulator string and grading Ring at Loc. 54.
CKT	400kV MAUDA(NTPC)-WARDHA-2	LART	12/07/22	12:44:00	12/07/22	12:44:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successfully operated on B-E fault. Fault distance is 49.6 km from Wardha. Suspected fault tower location is 208. Suspected fault tower section is 203-213. Patrolling may be done from 198-218. Fault is in Wardha TLM jurisdiction.* 03.08.2022 01:34:23 INDIA Prasanna Anil Pandharikar (60021315)* Flashover Marks observed on polymer insulator , CC ring and Grading ring at Loc. 202
							0.04	0.00	0.95	0.00	0.00	100.00	
CKT	400kV PADGHE GIS-KUDUS(MSETCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
CKT	400kV PADGHE GIS-KUDUS(MSETCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
CKT	400kV PARLI-PARLI(MSETCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
CKT	400kV PARLI-PARLI(MSETCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
CKT	400kV PARLI-PUNE GIS-1	OSFT	01/07/22	16:10:00	01/07/22	21:32:00	0.22	5.37	0.00	0.00	0.00		* Emergency outage availed for for jumper rectification work at location Multi ckt No. TMC17.Enter text here...
							0.22	5.37	0.00	0.00	0.00	99.28	
CKT	400kV PARLI-PUNE GIS-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PUNE-PUNE GIS-1	OSPD	25/07/22	15:15:00	25/07/22	20:53:00	0.24	0.00	0.00	0.00	5.63		* Line outage availed by M/s Adani for TL maintenance works.Enter text here...
							0.24	0.00	0.00	0.00	5.63	100.00	
CKT	400kV PUNE-PUNE GIS-2	OSPT	02/07/22	11:25:00	02/07/22	20:49:00	0.39	9.40	0.00	0.00	0.00		* For AMP and relay testing works.
CKT	400kV PUNE-PUNE GIS-2	OSPD	31/07/22	11:33:00	31/07/22	20:02:00	0.35	0.00	0.00	0.00	8.48		* Annual Maintenance of line (Availed by M/s ADANI)
							0.74	9.40	0.00	0.00	8.48	98.74	
CKT	400kV PUNE GIS-AURANGABAD(MSETCL)-1	LPRD	19/07/22	12:03:00	20/07/22	10:52:00	0.95	0.00	0.00	0.00	22.82		* Line H/T as per WRLDC instructions for Power Regulation
CKT	400kV PUNE GIS-AURANGABAD(MSETCL)-1	LPRD	26/07/22	11:09:00	31/07/22	23:59:59	5.54	0.00	0.00	0.00	132.85		* Line H/T as per WRLDC instructions for Power Regulation
							6.49	0.00	0.00	0.00	155.67	100.00	
CKT	400kV PUNE GIS-AURANGABAD(MSETCL)-2	LPRD	01/07/22	00:00:01	18/07/22	14:44:00	17.61	0.00	0.00	0.00	422.73		* Line H/T as per WRLDC instructions for Power Regulation
							17.61	0.00	0.00	0.00	422.73	100.00	
CKT	400kV PUNE GIS-PUNE-3	OSPT	08/07/22	12:32:00	08/07/22	20:23:00	0.33	7.85	0.00	0.00	0.00		* AMP WORK
							0.33	7.85	0.00	0.00	0.00	98.94	
CKT	400kV PUNE GIS-PUNE-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIGARH-KOTRA PS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIGARH-KOTRA PS-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-BHADRAWATI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-BHADRAWATI-2	LART	17/07/22	09:19:00	17/07/22	09:19:00	0.00	0.00	0.00	0.00	0.00		* 400kV Raipur-BBhadrawati-2 AR successful at 0919 hrs on Y-E, following are the details** SUBSTATION: BHADRAWATI* FAULT CURRENT: 3.027 kA* LOCATION: 131.223km** SUBSTATION: RAIPUR 400KV** FAULT CURRENT: 1.904 kA* LOCATION: 213.776km* 03.08.2022 01:40:48 INDIA Prasanna Anil Pandharikar (60021315)* Line AR successfully on Y-E fault. Fault distance is 131Kms from Bhadrawati. Suspected fault tower location is 597. Fault is in Brahmपुरi Juridication.* Flash over marks observed on Arcing Horn <-&<-> Insulator,and CC Ring at Loc. 591
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-BHADRAWATI-3	LART	12/07/22	19:46:00	12/07/22	19:46:00	0.00	0.00	0.00	0.00	0.00		* line A/R successful on R-G fault. Fault details are as below.* At Raipur: R-G, 4.06KA, 69.64kn, AT Bhadrawati: R-G, 1.9KA, 275.35km.* 03.08.2022 01:36:08 INDIA Prasanna Anil Pandharikar (60021315)* Line auto reclosed successfully on Rph to ground fault. Fault distance is 69 km from Raipur. Suspected fault tower location is 193. Suspected fault tower section is 188-198. Patrolling may be done from 183-203. Fault is in Durg TLM jurisdiction.*** Flashover Marks found on three number insulators, CC Ring and arching horn at Loc. 228
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-BHILAI(CSEB)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-RAIGARH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-RAIGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-RAIGARH-3	LART	08/07/22	20:50:00	08/07/22	20:50:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successfully operated on Y- E fault. Fault distance is 60KM from Raigarh. Suspected fault tower location is 158. Suspected fault tower section is 153-163. Patrolling may be done from 148-168. fault is in Raigarh TLM jurisdiction.* 03.08.2022 01:18:00 INDIA Prasanna Anil Pandharikar (60021315)* *Flashover mark found on Y phase pilot insulator string and CC ring at location No. 164 (DD+18).
							0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV RAIPUR-RAIGARH-4	LART	08/07/22	22:01:00	08/07/22	22:01:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R successfully operated on B- E fault. Fault distance is 55Km from Raipur SS. Suspected fault tower location is 436. Suspected fault tower section is 431-441. Patrolling may be done 426-446. Fault is in Raipur/Bhatapara TLM jurisdiction.* 03.08.2022 01:26:20 INDIA Prasanna Anil Pandharikar (60021315)* Flashover mark on insulator at loc. No. 436.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-RAIPUR PS(DURG)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-RAIPUR PS(DURG)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-WARDHA-1	LCSD	06/07/22	08:05:00	06/07/22	21:31:00	0.56	0.00	0.00	0.00	13.43		* Isolator upgradation works under SS11, Bus solitting works at Wardha Ss (new conctruction work)
CKT	400kV RAIPUR-WARDHA-1	LCSD	05/07/22	08:14:00	05/07/22	20:37:00	0.52	0.00	0.00	0.00	12.38		* Isolator upgradation works under SS11, Bus solitting works at Wardha Ss (new conctruction work)
CKT	400kV RAIPUR-WARDHA-1	LCSD	07/07/22	09:05:00	07/07/22	19:35:00	0.44	0.00	0.00	0.00	10.50		* For Isolator upgradation works under SS11, Bus solitting works at Wardha Ss (new conctruction work)
CKT	400kV RAIPUR-WARDHA-1	LCSD	04/07/22	08:44:00	04/07/22	23:20:00	0.61	0.00	0.00	0.00	14.60		* Isolator upgradation works under SS11, Bus solitting works at Wardha Ss (new conctruction work)
CKT	400kV RAIPUR-WARDHA-1	GOMD	04/07/22	23:20:00	05/07/22	08:14:00	0.37	0.00	0.00	0.00	8.90		* Line Unable to restore after outage, due to system constraints
							2.50	0.00	0.00	0.00	59.81	100.00	
CKT	400kV RAIPUR-WARDHA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RANCHI-SIPAT(NTPC)-1	LHWT	06/07/22	08:00:00	06/07/22	16:58:00	0.37	8.97	0.00	0.00	0.00		* Line tripped on Rph-E fault due to heavy rain, fierce wind, lightening and thunderstorm. Fault distance is 49 KM from Sipat. Insu= lator de-capping at Location No.136. Due to the safety of man power the rectification work has been started at 08:00 Hrs.
CKT	400kV RANCHI-SIPAT(NTPC)-1	LNCC	06/07/22	02:38:00	06/07/22	08:00:00	0.22	0.00	0.00	5.37	0.00		* Line tripped on Rph-E fault due to heavy rain, fierce wind, lightening and thunderstorm. Fault distance is 49 KM from Sipat. Insu= lator de-capping at Location No.136. Due to the safety of man power working at the site, the rectification work has been started a 08:00 Hrs. News paper cutting is herewith attached.
							0.59	8.97	0.00	5.37	0.00	98.79	
CKT	400kV RANCHI-SIPAT(NTPC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROURKELA-JHARSUGUDA-1	LEFT	04/07/22	22:14:00	05/07/22	03:07:00	0.20	4.88	0.00	0.00	0.00		* Line tripped on Y ph to Ground fault.* 08.08.2022 11:49:49 INDIA N Vinod Babu (60016790)* During Post fault patrolling flashover mark was found in between Top(Y) phase inner jumper conductor and tie bar of middle cross arm at Loc: 1064 (DC+0) which is 30.47 km from Rourkela end as per Tower Schedule.
CKT	400kV ROURKELA-JHARSUGUDA-2			00:00:00		00:00:00	0.00	4.88	0.00	0.00	0.00	99.34	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROURKELA-JHARSUGUDA-3	OSFT	07/07/22	10:20:00	08/07/22	03:26:00	0.71	17.10	0.00	0.00	0.00		* Shut down on emergency ground for replacement of DGA violated defective CT at Rourkela in line bay <-&&-> Main bay.
							0.71	17.10	0.00	0.00	0.00	97.70	
CKT	400kV ROURKELA-JHARSUGUDA-4	LART	14/07/22	21:27:00	14/07/22	21:27:00	0.00	0.00	0.00	0.00	0.00		* 400KV Jharsuguda-Rourkela ckt#4 AR successful from both end on dtd. 14.07.2022 at 21:27:37 hrs. Relay flag details are as follows* Jhasuguda : M1: B-ph, 2.2 km km, 29.9 KA** Rourkela : M1: B-ph, 124.1 km, 4.25 KA* 08.08.2022 11:40:38 INDIA N Vinod Babu (60016790)* During post fault patrolling fault found at Loc No-09(QC+0), where flashover mark found between Jumper conductor (Top phase) to middle X-arm.
CKT	400kV ROURKELA-JHARSUGUDA-4	OSPT	19/07/22	08:01:00	19/07/22	15:26:00	0.31	7.42	0.00	0.00	0.00		* for broken polymer insulator replacement at LOC 251.
							0.31	7.42	0.00	0.00	0.00	99.00	
CKT	400kV SEONI-KIRNAPUR(MPPTCL)	OMSU	01/07/22	09:32:00	01/07/22	14:08:00	0.19	0.00	4.60	0.00	0.00		* Line tripped up on receipt of DT from Kirnapur end.* 07.08.2022 07:46:59 INDIA N Vinod Babu (60016790)* PLCC at both end belongs to MPPTCL.
							0.19	0.00	4.60	0.00	0.00	100.00	
CKT	400kV SEONI-SATPURA(MPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SOLAPUR(NTPC)-SOLAPUR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SOLAPUR(NTPC)-SOLAPUR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SOLAPUR(NTPC)-SOLAPUR-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SOLAPUR(NTPC)-SOLAPUR-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SIPAT(NTPC)-RAIPUR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SIPAT(NTPC)-RAIPUR-2	OSFT	19/07/22	11:08:00	19/07/22	18:17:00	0.30	7.15	0.00	0.00	0.00		* Emergency outage availed for attending jumper clearance issue at TP tower loc No. 272
CKT	400kV SIPAT(NTPC)-RAIPUR-2	LNCC	09/07/22	17:23:00	09/07/22	19:02:00	0.07	0.00	0.00	1.65	0.00		* Line tripped on Y - B fault. Fault distance is 46km, from Raipur. Suspected fault tower location is 281. Suspected fault tower section is 276-286. Patrolling may be done from 271 - 291. Fault is in Bhatapara-TLM jurisdiction.* 03.08.2022 01:29:42 INDIA Prasanna Anil Pandharikar (60021315)* Flashover mark on jumper Y-B (TOP- MIDDLE) at loc. No.272. Clearance issue.
							0.37	7.15	0.00	1.65	0.00	99.04	
CKT	400kV SIPAT(NTPC)-RAIPUR-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV JHARSUGUDA-DHARAMJAYGARH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV JHARSUGUDA-DHARAMJAYGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV JHARSUGUDA-DHARAMJAYGARH-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV JHARSUGUDA-DHARAMJAYGARH-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV KOTRA PS-RAIPUR PS(DURG)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV KOTRA PS-RAIPUR PS(DURG)-2	LART	04/07/22	00:51:00	04/07/22	00:51:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R successful on Y- G fault. Fault details at Kotra end : FD=50.680km, FC=4.184KA (Double) and Fault details at Durg end : FD=189.319km, FC=4.184KA (Double). Fault is in Raigarh TLM jurisdiction* 03.08.2022 01:12:46 INDIA Prasanna Anil Pandharikar (60021315)* Line A/R successful on Y- G fault.Fault distance is 50 KM from Kotra. Suspected fault tower location is 136. Suspected fault tower section is 131-141. Patrolling may be done from 126-146. Fault is in Champa TLM jurisdiction.* Flashover mark on CC ring and bird guard at loc. No. 134
CKT	765kV KOTRA PS-TAMNAR PS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV KOTRA PS-TAMNAR PS-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV-PUNE GIS-PADGHE GIS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV RAIPUR PS(DURG)-WARDHA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV RAIPUR PS(DURG)-WARDHA-2	LVRD	01/07/22	00:00:01	21/07/22	17:08:00	20.71	0.00	0.00	0.00	497.13	100.00	* Line H/T as per WRLDC instructions for Voltage Regulation and SLR charged as BR at 11:54 Hrs at Durg end.
CKT	765kV RAIPUR PS(DURG)-WARDHA-3	LVRD	01/07/22	00:00:01	31/07/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* Line H/T as per WRLDC instructions for Voltage Regulation and SLR charged as BR at 18:40 Hrs at Durg end.
CKT	765kV RAIPUR PS(DURG)-WARDHA-4	LVRD	21/07/22	13:17:00	31/07/22	23:59:59	10.45	0.00	0.00	0.00	250.72	100.00	* Line H/T as per WRLDC instructions for Voltage Regulation and SLR charged as BR at Durg PS end.
CKT	765kV SEONI-WARDHA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV SEONI-WARDHA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV SOLAPUR-AURANGABAD-1	LVRD	16/07/22	22:11:00	31/07/22	23:59:59	15.08	0.00	0.00	0.00	361.82	100.00	* Line H/T as per WRLDC instructions for Voltage Regulation and SLR charged as BR at 22:20 hrs at Aurangabad end <-> at 22:25 hrs At Solapur end.
CKT	765kV SOLAPUR-AURANGABAD-2	LVRD	01/07/22	00:00:01	16/07/22	11:26:00	15.48	0.00	0.00	0.00	371.43	100.00	* Line H/T as per WRLDC instructions for Voltage Regulation and SLR charged as BR at 00:19 Hrs at Aurangabad end and at 00:32 Hrs At Solapur end.
CKT	765kV SOLAPUR-PUNE GIS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV SIPAT(NTPC)-BILASPUR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV SIPAT(NTPC)-BILASPUR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV WARDHA-AURANGABAD-1	LVRD	07/07/22	02:40:00	22/07/22	09:18:00	15.28	0.00	0.00	0.00	366.63	100.00	* Line H/T as per WRLDC instructions for V.R. LR converted as BR at Wardha end at 03:04 Hrs.
CKT	765kV WARDHA-AURANGABAD-1	OSFT	01/07/22	08:16:00	01/07/22	17:28:00	0.38	9.20	0.00	0.00	0.00	98.76	* Emergency outage availed for rectification of open jumper at location No:335
CKT	765kV WARDHA-AURANGABAD-2	LVRD	23/07/22	01:02:00	27/07/22	10:04:00	4.38	0.00	0.00	0.00	105.03	100.00	* Line H/T as per WRLDC instructions for V.R and SLR converted as BR at Wardha end at 01:25 Hrs.
CKT	765kV WARDHA-AURANGABAD-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV WARDHA-AURANGABAD-4	LVRD	25/07/22	00:56:00	31/07/22	23:59:59	6.96	0.00	0.00	0.00	167.07	100.00	* Line H/T as per WRLDC instructions for Voltage Regulation and SLR charged as BR at 01:49Hrs at Wardha end.
LNR	80MVAR,LR OF WARDHA-2 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,LR OF WARDHA-1 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,LR OF BOISAR-2 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,LR OF BOISAR-1 AT AURANGABAD	OSPT	11/07/22	10:47:00	11/07/22	17:42:00	0.29	6.92	0.00	0.00	0.00	99.07	* For SLR AMP works
LNR	240MVAR,SWLR OF PADGHE-2 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF PADGHE-1 AT AURANGABAD	SVRD	25/07/22	09:58:00	25/07/22	22:24:00	0.52	0.00	0.00	0.00	12.43	100.00	* SLR H/T as per WRLDC instructions for VR
LNR	240MVAR,SWLR OF PADGHE-1 AT AURANGABAD	SVRD	19/07/22	07:29:00	20/07/22	00:30:00	0.71	0.00	0.00	0.00	17.02	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation.
LNR	240MVAR,SWLR OF SOLAPUR-1 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
XMER	1500MVA,765/400kV ICT-3 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-4 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT MAPUSA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT MAPUSA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-3 AT MAPUSA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT PADGHE GIS	OSFT	15/07/22	16:42:00	15/07/22	21:58:00	0.22	5.27	0.00	0.00	0.00	99.29	* Emergency outage aviled to replace broken 400 KV side B phase BPI.
XMER	1500MVA,765/400kV ICT-2 AT PADGHE GIS	OSFT	26/07/22	13:09:00	31/07/22	21:40:00	5.36	128.52	0.00	0.00	0.00		* Emergency Outage aviled for attending Hotspot on Neutral Bushing of Y-Ph <(>&<)> B-Ph Terminal connector.
XMER	1500MVA,765/400kV ICT-2 AT PADGHE GIS	OSFT	15/07/22	17:43:00	15/07/22	20:03:00	0.10	2.33	0.00	0.00	0.00		* Emergency outage aviled to facilitate broken 400 KV side B phase BPI replacement work in ICT 1.
XMER	500MVA,400/220kV ICT-1 AT PARLI			00:00:00		00:00:00	5.46	130.85	0.00	0.00	0.00	82.41	
XMER	500MVA,400/220kV ICT-2 AT PARLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT PUNE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT PUNE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-3 AT PUNE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT PUNE GIS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT PUNE GIS	SICT	16/07/22	14:24:00	16/07/22	20:01:00	0.23	5.62	0.00	0.00	0.00	99.25	* ICT tripped on Sudden Pressure relay operation in Rph unit.
XMER	315MVA,400/220kV ICT-1 AT RAIGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT RAIGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT RAIPUR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT RAIPUR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT RAIPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT RAIPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-3 AT RAIPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT SEONI	OSPT	13/07/22	12:20:00	13/07/22	22:46:00	0.44	10.43	0.00	0.00	0.00	98.60	* For oil leakage arresting work from CFT box.
XMER	1500MVA,765/400kV ICT-1 AT SOLAPUR			00:00:00		00:00:00	0.44	10.43	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT SOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT SOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT SOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT SOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT TAMNAR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT TAMNAR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT TAMNAR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-4 AT TAMNAR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT WARDHA	SICT	18/07/22	17:18:00	18/07/22	23:47:00	0.27	6.48	0.00	0.00	0.00	99.13	* ICT tripped on differential protection operation
XMER	1500MVA,765/400kV ICT-2 AT WARDHA	SCSD	20/07/22	16:30:00	21/07/22	10:09:00	0.74	0.00	0.00	0.00	17.65	100.00	* isolator upgradation work under SS11 (New construction work)
XMER	1500MVA,765/400kV ICT-3 AT WARDHA	SICT	25/07/22	10:14:00	25/07/22	13:46:00	0.15	3.53	0.00	0.00	0.00	99.53	* ICT tripped on OSR ptection in R phase OLTC .
XMER	315MVA,400/220kV ICT-1 AT WARDHA	SCSD	25/07/22	15:01:00	25/07/22	23:40:00	0.36	0.00	0.00	0.00	8.65		* isolator upgradation work under SS11 (New construction work)

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.36	0.00	0.00	0.00	8.65	100.00	
XMER	315MVA.400/220kV ICT-2 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA.400/220kV ICT-3 AT WARDHA	GOFC	07/07/22	02:16:00	07/07/22	04:13:00	0.08	0.00	0.00	1.95	0.00	100.00	* 400/220kV ICT-3 tripped on over flux protection operated.
							0.08	0.00	0.00	1.95	0.00	100.00	
							573.57	621.02	19.73	28.05	13.095.32	28.816.46	