

Standard of Performance data for the month of JAN - 2020

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

ANNEXURE - A

SN	Unique ID of Restoration Element	NAME OF LINE/ACT	Description (Length/Nos./MVA/MVar/MW etc.)	Region	Type of failure	OUTAGE		RESTORATION		Details of Outage		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Restoration Time as per Regulation 5(b) (2)	Whether Restoration Time more than normative (Y/N)	Difference between Actual and Norm. 1-2	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	% Availability as certified by WRLDC
						Date	Time	Date	Time	No. of towers damaged	no. of insulator failed		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available						
1	WR1_L_001	400kV KORBA-KORBA(WEST) Total	14	WRTS-I																	100.00%	
2	WR1_L_002	400kV KORBA-BHILAI I Total	197	WRTS-I																		100.00%
3	WR1_L_003	400kV KORBA-BHILAI II Total	192	WRTS-I																		100.00%
4	WR1_L_004	400kV BHILAI-KORADI Total	272	WRTS-I																		100.00%
5	WR1_L_005	400kV KORADI-SATPURA Total	149	WRTS-I		17/01/20	20:09	17/01/20	21:03				0.00	0.90	0.00	0.00				Tripped on PD at Sami end, there ws no fault in line, line tripped during DC earth fault tracing at Sami end.	WRLDC	100.00%
6	WR1_L_006	400kV RAIPUR-BHILAI I Total	13	WRTS-I									0.00									100.00%
7	WR1_L_007	400kV BHILAI-BHADRAVATI I Total	322	WRTS-I																		100.00%
8	WR1_L_008	400kV RAIPUR-BHADRAVATI I Total	333	WRTS-I																		100.00%
9	WR1_L_009	400kV RAIPUR-BHADRAVATI II Total	345.55	WRTS-I																		100.00%
10	WR1_L_010	400kV RAIPUR-BHADRAVATI III Total	345.55	WRTS-I																		100.00%
11	WR1_L_011	400kV BHADRAVATI-CHANDRAPUR I Total	20	WRTS-I		18/01/20	12:36	18/01/20	17:13				0.00	4.62	0.00	0.00				Line tripped Tripped on direct trip(DT) command signal received from MSEB End due to operation of Bus bar protection at Chandrapur (MSETCL) end.	WRLDC	100.00%
12	WR1_L_012	400kV BHADRAVATI-CHANDRAPUR II Total	20	WRTS-I		18/01/20	12:36	18/01/20	17:07				0.00	4.52	0.00	0.00				Line tripped Tripped on direct trip(DT) command signal received from MSEB End due to operation of Bus bar protection at Chandrapur (MSETCL) end.	WRLDC	100.00%
13	WR1_L_013	400kV BHADRAVATI-CHANDRAPUR III Total	22.42	WRTS-I		18/01/20	12:34	18/01/20	17:31				0.00	4.95	0.00	0.00				Line tripped Tripped on direct trip(DT) command signal received from MSEB End due to operation of Bus bar protection at Chandrapur (MSETCL) end.	WRLDC	100.00%
14	WR1_L_014	400kV BHADRAVATI-CHANDRAPUR IV Total	22.42	WRTS-I		18/01/20	12:34	18/01/20	18:18				0.00	5.73	0.00	0.00				Line tripped Tripped on direct trip(DT) command signal received from MSEB End due to operation of Bus bar protection at Chandrapur (MSETCL) end.	WRLDC	100.00%
15	WR1_L_015	400kV MAHAN-VINDHYACHAL Total	19	WRTS-I																		100.00%
16	WR1_L_016	400kV KORBA-MAHAN Total	196	WRTS-I		21/01/20	09:35	22/01/20	16:40				0.00	31.08	0.00	0.00				Outage availed by Korba-NTPC for Bus Reactor erection at Korba-NTPC end.Bay does not belong to POWERGRID	WRLDC	100.00%
17	WR1_L_017	400kV VINDHYACHAL-KORBA II Total	288.994	WRTS-I		03/01/20	05:12	03/01/20	10:14				0.00	5.03	0.00	0.00				Line tripped due to 400kV Bus-4 tripped at Vindhyachal (NTPC) end. Bay does not belong to POWERGRID		100.00%
18	WR1_L_018	400kV SATPURA-SEONI Total	1.507	WRTS-I									0.00									100.00%
19	WR1_L_019	400kV BHILAI-SEONI Total	1.498	WRTS-I																		100.00%
20	WR1_L_020	400kV BHILAI-BHATAPARA Total	90.453	WRTS-I																		100.00%
21	WR1_L_021	400kV BHATAPARA-KORBA Total	123.73	WRTS-I																		100.00%
22	WR1_L_022	400kV KORBA-SIPAT Total	68.653	WRTS-I																		100.00%
23	WR1_L_023	400kV RAIPUR-SIPAT I Total	149.12	WRTS-I																		100.00%
24	WR1_L_024	400kV RAIPUR-SIPAT II Total	149.12	WRTS-I																		100.00%
25	WR1_L_025	400kV RAIPUR-SIPAT III Total	162.04	WRTS-I																		100.00%
26	WR1_L_026	765kV BILASPUR-SIPAT I Total	21.507	WRTS-I		11/01/20	09:14	12/01/20	01:19				0.00	0.00	0.00	16.08				For Tower strengthening works.		100.00%
						12/01/20	08:58	12/01/20	20:15				0.00	0.00	0.00	11.28				For Tower strengthening works.		
						13/01/20	09:22	13/01/20	20:09				0.00	0.00	0.00	10.78				For Tower strengthening works.		
						14/01/20	08:47	14/01/20	19:40				0.00	0.00	0.00	10.88				For Tower Strengthening Work		
						24/01/20	08:35	24/01/20	20:09				0.00	0.00	0.00	11.57				For Tower strengthening works.		
						25/01/20	08:56	25/01/20	19:45				0.00	0.00	0.00	10.82				For Tower strengthening works.		
27	WR1_L_027	765kV SEONI-BILASPUR I Total	337.046	WRTS-I									0.00									100.00%
28	WR1_L_028	765kV BILASPUR-SIPAT II Total	22.216	WRTS-I		17/01/20	08:21	17/01/20	20:34				0.00	0.00	0.00	12.22				For tower strengthening works		100.00%
						18/01/20	08:34	18/01/20	19:37				0.00	0.00	0.00	11.05				For tower strengthening works		
						19/01/20	09:32	19/01/20	19:37				0.00	0.00	0.00	10.08				For tower strengthening works		
						22/01/20	08:20	22/01/20	19:57				0.00	0.00	0.00	11.62				For Tower strengthening works.		
						23/01/20	08:30	23/01/20	20:13				0.00	0.00	0.00	11.72				For Tower strengthening works.		
						27/01/20	08:11	27/01/20	19:56				0.00	0.00	0.00	11.75				For tower strengthening work		
						28/01/20	08:48	28/01/20	19:43				0.00	0.00	0.00	10.92				For tower strengthening work		
						29/01/20	08:23	29/01/20	19:39				0.00	0.00	0.00	11.27				For Tower Strengthening works.		
						30/01/20	08:30	30/01/20	19:16				0.00	0.00	0.00	10.77				For Tower Strengthening works.		
						31/01/20	08:37	31/01/20	20:13				0.00	0.00	0.00	11.60				For Tower Strengthening works.		
29	WR1_L_029	765kV SEONI-BILASPUR II Total	338.33	WRTS-I									0.00									100.00%

SN	Unique ID of transmission Element	NAME OF LINE/ACT	Description (Length/No./AWA/AVR/AVW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		Details of Outage		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Restoration Time as per Regulation 5(b) (2)	Whether Restoration Time more than normative (Y/N)	Difference between Actual and Norm 1-2	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	% Availability as certified by WRLCD	
						Date	Time	Date	Time	No. of towers damaged	no. of insulator failed		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available							
63	WR1_L_063	765kV DURG PS -WARDHA_1	369.107	WRTS-I		01/01/20	00:00	02/01/20	09:34				0.00	0.00	0.00	33.57			Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Durg end at 20:24 hrs.	WRLCD			
						07/01/20	22:33	13/01/20	09:26				0.00	0.00	0.00	130.88			Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Durg end at 20:57 hrs				
						18/01/20	20:03	22/01/20	09:22				0.00	0.00	0.00	85.32			Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Durg end at 21:26hrs				
						29/01/20	15:43	31/01/20	23:59				0.00	0.00	0.00	56.28			Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Durg end at 16:04 hrs.				
		765kV DURG PS -WARDHA_1 Total											0.00									100.00%	
64	WR1_L_064	765kV DURG PS -WARDHA_2	369.107	WRTS-I		02/01/20	20:01	07/01/20	10:48				0.00	0.00	0.00	110.78			Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Durg end at 20:57 hrs	WRLCD			
						13/01/20	20:43	18/01/20	09:55				0.00	0.00	0.00	109.20			Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Durg end at 21:16 hrs				
						22/01/20	13:32	29/01/20	10:53				0.00	0.00	0.00	165.35			Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Durg end at 14:24 hrs				
		765kV DURG PS -WARDHA_2 Total											0.00									100.00%	
65	WR1_L_065	400kV PARLI-PUNE(GIS)_1	9.57	WRTS-I		31/01/20	10:29	31/01/20	19:53				0.00	9.40	0.00	0.00			Availed by Adani for Annual Shutdown works.	WRLCD			
		400kV PARLI-PUNE(GIS)_1 Total											0.00									100.00%	
66	WR1_L_066	400kV PARLI-PUNE(GIS)_2	9.57	WRTS-I																			
		400kV PARLI-PUNE(GIS)_2 Total																				100.00%	
67	WR1_L_067	400kV PUNE(GIS)-PUNE(TALEGOAN)_1	9.978	WRTS-I																			
		400kV PUNE(GIS)-PUNE(TALEGOAN)_1 Total																				100.00%	
68	WR1_L_068	400kV PUNE(GIS)-PUNE(TALEGOAN)_2	9.978	WRTS-I																			
		400kV PUNE(GIS)-PUNE(TALEGOAN)_2 Total																				100.00%	
69	WR1_L_069	765kV PUNE(GIS)-SOLAPUR	269.842	WRTS-I		04/01/20	17:02	27/01/20	08:41				0.00	0.00	0.00	543.65			Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Pune end at 17:06 hrs & at Solapur end at 17:24 hrs.	WRLCD			
						28/01/20	17:19	31/01/20	23:59				0.00	0.00	0.00	78.68			Line H/T as per WRLCD instructions for Voltage Regulation and SLR's converted as BR's at both ends at 17:39 hrs @ Solapur & at 17:21 hrs @ Pune(GIS).				
		765kV PUNE(GIS)-SOLAPUR Total											0.00									100.00%	
70	WR1_L_070	765kV WARDHA - AURANGABAD(PG) III	355	WRTS-I		01/01/20	01:56	02/01/20	18:00				0.00	0.00	0.00	40.07			Line H/T as per WRLCD instructions for Voltage Regulation & SLR converted as BR at Wardha end at 02:19 hrs.	WRLCD			
						05/01/20	21:01	08/01/20	08:15				0.00	0.00	0.00	59.23			Line H/T as per WRLCD instructions for Voltage Regulation & SLR converted as BR at Wardha end at 21:31 hrs.				
		765kV WARDHA - AURANGABAD(PG) III Total											0.00									100.00%	
71	WR1_L_071	765kV WARDHA - AURANGABAD(PG) IV	355	WRTS-I		08/01/20	19:46	13/01/20	12:02				0.00	0.00	0.00	112.27			Line H/T as per WRLCD instructions for Voltage Regulation & SLR converted as BR at Wardha end at 20:24 hrs.	WRLCD			
						13/01/20	18:16	24/01/20	12:45				0.00	0.00	0.00	258.48			Line H/T as per WRLCD instructions for Voltage Regulation & SLR converted as BR at Wardha end at 18:59 hrs.				
						25/01/20	18:12	31/01/20	23:59				0.00	0.00	0.00	149.80			Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Wardha end at 18:37 hrs				
		765kV WARDHA - AURANGABAD(PG) IV Total											0.00									100.00%	
72	WR1_L_072	400kV SOLAPUR(NTPC)-SOLAPUR(PG)_1	11.2	WRTS-I																			
		400kV SOLAPUR(NTPC)-SOLAPUR(PG)_1 Total																				100.00%	
73	WR1_L_073	400kV SOLAPUR(NTPC)-SOLAPUR(PG)_2	11.2	WRTS-I																			
		400kV SOLAPUR(NTPC)-SOLAPUR(PG)_2 Total																				100.00%	
74	WR1_L_074	765kV DURG PS- CHAMPA_1	149.15	WRTS-I																		WRLCD	
		765kV DURG PS- CHAMPA_1 Total																				100.00%	
75	WR1_L_075	765kV CHAMPA- KOTRA PS	96.33	WRTS-I																			
		765kV CHAMPA- KOTRA PS Total																					100.00%
76	WR1_L_076	765kV AURANGABAD(PG)-SOLAPUR I	279.57	WRTS-I		01/01/20	00:00	01/01/20	07:07				0.00	0.00	0.00	7.12			Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Aurangabad end at 17:46 hrs & at Solapur end at 17:53 hrs.				
						02/01/20	18:08	03/01/20	07:01				0.00	0.00	0.00	12.88			Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Aurangabad end at 18:30 hrs & at Solapur end at 18:25 hrs.				
						06/01/20	00:20	06/01/20	06:39				0.00	0.00	0.00	6.32			Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Aurangabad end at 00:50 hrs & at Solapur end at 00:29 hrs.				
						11/01/20	00:23	11/01/20	08:03				0.00	0.00	0.00	7.67			Line H/T as per WRLCD instructions for Voltage Regulation and SLR's converted as BR's at both ends, Solapur @ 00:39 hrs & Aurangabad @ 01:02 hrs.				
						11/01/20	21:42	12/01/20	06:46				0.00	0.00	0.00	9.07			Line H/T as per WRLCD instructions for Voltage Regulation and SLR's converted as BR's at both ends, Solapur @ 22:06 hrs & Aurangabad @ 22:16 hrs.				
						15/01/20	19:51	16/01/20	07:27				0.00	0.00	0.00	11.60			Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Aurangabad end at 20:19 hrs & at Solapur end at 20:04 hrs.				
						23/01/20	21:14	24/01/20	09:40				0.00	0.00	0.00	12.43			Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Solapur end at 21:21 hrs & at Aurangabad end at 21:28 hrs.				
						26/01/20	17:40	31/01/20	23:59				0.00	0.00	0.00	126.33			Line H/T as per WRLCD instructions for Voltage Regulation and SLR's converted as BR's at both ends at 17:58 hrs @ Solapur & at 18:09 hrs @ A/bad.				
		765kV AURANGABAD(PG)-SOLAPUR I Total											0.00									100.00%	
77	WR1_L_077	765kV AURANGABAD(PG)-SOLAPUR II	279.57	WRTS-I		01/01/20	17:22	02/01/20	07:27				0.00	0.00	0.00	14.08			Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Aurangabad end at 17:51 hrs & at Solapur end at 17:29 hrs.				
						03/01/20	21:02	04/01/20	07:21				0.00	0.00	0.00	10.32			Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Aurangabad end at hrs & at Solapur end at 21:19 hrs.				
						06/01/20	20:33	07/01/20	06:14				0.00	0.00	0.00	9.68			Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Aurangabad end at 20:55 hrs & at Solapur end at 20:49 hrs.				

SN	Unique ID of transmission Element	NAME OF LINE/ACT	Description (Length/No./kVA/kVAr/kW /etc.)	Region	Type of failure	OUTAGE		RESTORATION		Details of Outage		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Restoration Time as per Regulation 5(b) (2)	Whether Restoration Time more than normative (Y/N)	Difference between Actual and Norm 1-2	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	% Availability as certified by WRLCD
						Date	Time	Date	Time	No. of towers damaged	no. of insulator failed		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available						
							14/01/20	19:44	15/01/20	08:48			0.00	0.00	0.00	13.07				Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Aurangabad end at 20:15 hrs & at Solapur end at 20:08 hrs.		
							16/01/20	20:14	17/01/20	06:47			0.00	0.00	0.00	10.55				Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Aurangabad end at 20:24 hrs & at Solapur end at 20:29 hrs.		
							18/01/20	11:36	18/01/20	18:29			6.88	0.00	0.00	0.00				Emergency outage availed for attending conductor strands in Y-phase is found broken between location no.- 302 to 303.		
							18/01/20	18:29	19/01/20	06:59			0.00	0.00	0.00	12.50				Line kept open as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Aurangabad end at 19:13 hrs and at Solapur end at 19:25 hrs		
							22/01/20	18:25	23/01/20	06:52			0.00	0.00	0.00	12.45				Line H/T as per WRLCD instructions for Voltage Regulation and SLR converted as BR at Aurangabad end at 19:03 hrs and at Solapur end at 19:25 hrs		
		765kV AURANGABAD(PG)-SOLAPUR II Total											6.88									99.07%
78	WR1_L_078	220kV KORBA(EAST)-BUDDHIPADAR III	184	WRTS-I																	WRLCD	100.00%
		220kV KORBA(EAST)-BUDDHIPADAR III Total																				
79	WR1_L_079	400kV RAIPUR-RAIGARH I	217.02	WRTS-I		04/01/20	13:10	04/01/20	13:10				0.00	0.00	0.00	0.00				Line A/R Successful at both ends on B phase to Earth fault,FC- 3.345KA & FD-105.6km from Raipur end and FC- 3.676KA & FD-111.593km from Raigarh end.	WRLCD	
		400kV RAIPUR-RAIGARH I Total											0.00									100.00%
80	WR1_L_080	400kV RAIGARH-ROURKELA II	212.46	WRTS-I																	WRLCD	
		400kV RAIGARH-ROURKELA II Total																				100.00%
81	WR1_L_081	400kV RAIGARH-IBEUL I	94.43	WRTS-I																	WRLCD	
		400kV RAIGARH-IBEUL I Total																				100.00%
82	WR1_L_082	400kV IBEUL-JHARSUGUDA I	20.03	WRTS-I																		
		400kV IBEUL-JHARSUGUDA I Total																				
83	WR1_L_083	400kV JHARSUGUDA-ROURKELA I	142.448	WRTS-I																		
		400kV JHARSUGUDA-ROURKELA I Total																				100.00%
84	WR1_L_084	400kV RANCHI-SIPAT I	405.772	WRTS-I																		LEFT
		400kV RANCHI-SIPAT I Total																				100.00%
85	WR1_L_085	400kV RANCHI-SIPAT II	405.772	WRTS-I																		
		400kV RANCHI-SIPAT II Total																				100.00%
86	WR1_L_086	400kV RAIPUR-KSK III	134.74	WRTS-I																		WRLCD
		400kV RAIPUR-KSK III Total																				100.00%
87	WR1_L_087	400kV KSK-RKKML III	82.248	WRTS-I																		WRLCD
		400kV KSK-RKKML III Total																				100.00%
88	WR1_L_088	400kV RKKML-RAIGARH III	3.896	WRTS-I																		WRLCD
		400kV RKKML-RAIGARH III Total																				100.00%
89	WR1_L_089	400kV RAIPUR-KSK IV	161.82	WRTS-I																		WRLCD
		400kV RAIPUR-KSK IV Total																				100.00%
90	WR1_L_090	400kV KSK-RAIGARH IV	113.389	WRTS-I																		WRLCD
		400kV KSK-RAIGARH IV Total																				100.00%
91	WR1_L_091	400kV RAIGARH-JHARSUGUDA III	110.98	WRTS-I																		
		400kV RAIGARH-JHARSUGUDA III Total																				100.00%
92	WR1_L_092	400kV JHARSUGUDA-ROURKELA III	143.06	WRTS-I																		WRLCD
		400kV JHARSUGUDA-ROURKELA III Total																				100.00%
91	WR1_L_093	400kV RAIGARH-JHARSUGUDA IV	145.5	WRTS-I		08/01/20	18:45	08/01/20	18:45				0.00	0.00	0.00	0.00				Line A/R Successful at both ends on Y phase to Earth fault,FC- 19.287KA & FD-4.7km from Raigarh end.	WRLCD	
		400kV RAIGARH-SUNDERGARH IV Total											0.00									100.00%
94	WR1_L_094	400kV STERLITE-ROURKELA IV	104.28	WRTS-I																		WRLCD
		400kV STERLITE-ROURKELA IV Total																				100.00%
95	WR1_L_095	765kV D'JAIGARH-BILASPUR	90	WRTS-I																		
		765kV D'JAIGARH-BILASPUR Total																				100.00%
96	WR1_L_096	765kV D'JAIGARH-RANCHI I	303	WRTS-I		11/01/20	11:40	11/01/20	18:39				6.98	0.00	0.00	0.00				Emergency outage availed for attending of tension insulator at T Junction on B phase of 765KV Ranchi - 1 feeder broken at Dharamjaygarh SS		99.06%
		765kV D'JAIGARH-RANCHI I Total											6.98									
97	WR1_L_097	765kV D'JAIGARH- JHARSUGUDA I	149.789	WRTS-I		23/01/20	11:17	23/01/20	18:25				7.13	0.00	0.00	0.00				For attending broken insulator broken observed in Ckt-I at Location No.404. AR in non Auto mode for Ckt-II	WRLCD	
		765kV D'JAIGARH- JHARSUGUDA I Total											7.13									99.04%
98	WR1_L_098	765kV D'JAIGARH- JHARSUGUDA II	149.789	WRTS-I																		WRLCD
		765kV D'JAIGARH- JHARSUGUDA II Total																				100.00%
99	WR1_L_099	400kV KOLHAPUR (MSETCL)- KOLHAPUR (GIS) I	39.383	WRTS-I																		
		400kV KOLHAPUR (MSETCL)- KOLHAPUR (GIS) I Total																				100.00%
100	WR1_L_100	400kV KOLHAPUR (MSETCL)- KOLHAPUR (GIS) II	39.383	WRTS-I																		
		400kV KOLHAPUR (MSETCL)- KOLHAPUR (GIS) II Total																				100.00%
	WR1_L_101	400kV KOLHAPUR (GIS)-MAPUSA I																				
		400kV KOLHAPUR (GIS)-MAPUSA I Total																				100.00%
102	WR1_L_102	400kV KOLHAPUR (GIS)-MAPUSA II	156.039	WRTS-I		07/01/20	12:33	07/01/20	15:51				3.30	0.00	0.00	0.00				Emergency outage availed for attending hot spot at Y-Phase connector between wave trap to Isolator at Mapusa end.	WRLCD	
		400kV KOLHAPUR (GIS)-MAPUSA II Total											3.30									99.56%
103	WR1_L_103	400kV WARDHA-MAUDA I	123.45	WRTS-I																		
		400kV WARDHA-MAUDA I Total																				100.00%
104	WR1_L_104	765kV D'JAIGARH-RANCHI II	354	WRTS-I																		WRLCD
		765kV D'JAIGARH-RANCHI II Total																				100.00%
105	WR1_L_105	400kV PUNE(GIS)-PUNE(TALEGOAN)_3	14.373	WRTS-I																		WRLCD
		400kV PUNE(GIS)-PUNE(TALEGOAN)_3 Total																				100.00%
106	WR1_L_106	400kV PUNE(GIS)-PUNE(TALEGOAN)_4	14.373	WRTS-I																		
		400kV PUNE(GIS)-PUNE(TALEGOAN)_4 Total																				100.00%
107	WR1_L_107	400kV AURANGABAD(MSETCL)-PUNE(GIS) I	14.387	WRTS-I																		WRLCD
		400kV AURANGABAD(MSETCL)-PUNE(GIS) I Total																				100.00%
108	WR1_L_108	400kV AURANGABAD(MSETCL)-PUNE(GIS) II	14.387	WRTS-I																		WRLCD
		400kV AURANGABAD(MSETCL)-PUNE(GIS) II Total																				100.00%
109	WR1_L_109	400kV RAIPUR-RAIGARH II	217.02	WRTS-I																		
		400kV RAIPUR-RAIGARH II Total																				100.00%
110	WR1_L_110	400kV LARANTPC)-KOTRA PS I	17.999	WRTS-I																		WRLCD

SN	Unique ID of transmission Element	NAME OF LINE/CT	Description (Length/No. / #VA/JVA/VAW / etc.)	Region	Type of failure	OUTAGE		RESTORATION		Details of Outage		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Restoration Time as per Regulation 5(b) (2)	Whether Restoration Time more than normative (Y/N)	Difference between Actual and Norm 1-2	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	% Availability as certified by WRLCD			
						Date	Time	Date	Time	No. of towers damaged	no. of insulator failed		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available									
		400kV LARA(NTPC)-KOTRA PS I Total																				100.00%			
111	WR1_L_111	400kV LARA(NTPC)-KOTRA PS II	17.999	WRTS-I																	WRLCD	100.00%			
		400kV LARA(NTPC)-KOTRA PS II Total																					100.00%		
112	WR1_L_112	400kV KORBA-BIRSINGHPUR_2	226.642	WRTS-I		06/01/20	13:40	06/01/20	13:58				0.00	0.30	0.00	0.00							R-phase to Earth fault, FD-41.3km, FC-2.75kAmp from Birsingpur end. Line tripped due to Bird came in vicinity of line. Photographs attached		
						30/01/20	09:43	30/01/20	19:00				9.28	0.00	0.00	0.00							Outage availed by WR-2 for AMP works of Terminal Equipments at Birsingpur end.		
		400kV KORBA-BIRSINGHPUR_2 Total											9.28										98.75%		
113	WR1_T_001	ICT1_400/220kv_RAIPUR	315	WRTS-I																					
		ICT1_400/220kv_RAIPUR Total																					100.00%		
114	WR1_T_002	ICT2_400/220kv_RAIPUR	315	WRTS-I		01/01/20	10:27	12/01/20	20:02				273.58	0.00	0.00	0.00							For oil leakage arresting works by gasket replacement of all joints.		
		ICT2_400/220kv_RAIPUR Total											273.58										63.23%		
115	WR1_T_003	ICT1_400/220kv_MAPUSA	315	WRTS-I																			WRLCD	100.00%	
		ICT1_400/220kv_MAPUSA Total																					100.00%		
116	WR1_T_004	ICT2_400/220kv_MAPUSA	315	WRTS-I																			WRLCD	100.00%	
		ICT2_400/220kv_MAPUSA Total																					100.00%		
117	WR1_T_005	ICT1_400/220kv_BAHATAPARA	315	WRTS-I																			WRLCD	100.00%	
		ICT1_400/220kv_BAHATAPARA Total																					100.00%		
118	WR1_T_006	ICT1_400/220kv_RAIGARH	315	WRTS-I																			WRLCD	100.00%	
		ICT1_400/220kv_RAIGARH Total																					100.00%		
119	WR1_T_007	ICT2_400/220kv_RAIGARH	315	WRTS-I																			WRLCD	100.00%	
		ICT2_400/220kv_RAIGARH Total																					100.00%		
120	WR1_T_008	ICT1_765/400kv_SEONI	1500	WRTS-I																			WRLCD	100.00%	
		ICT1_765/400kv_SEONI Total																					100.00%		
121	WR1_T_009	ICT2_765/400kv_SEONI	1500	WRTS-I																			WRLCD	100.00%	
		ICT2_765/400kv_SEONI Total																					100.00%		
122	WR1_T_010	ICT3_765/400kv_SEONI	1500	WRTS-I																			WRLCD	100.00%	
		ICT3_765/400kv_SEONI Total																					100.00%		
123	WR1_T_011	ICT1_400/220kv_SEONI	315	WRTS-I																			WRLCD	100.00%	
		ICT1_400/220kv_SEONI Total																					100.00%		
124	WR1_T_012	ICT1_765/400kv_WARDHA	1500	WRTS-I																			WRLCD	100.00%	
		ICT1_765/400kv_WARDHA Total																					100.00%		
125	WR1_T_013	ICT2_765/400kv_WARDHA	1500	WRTS-I																			WRLCD	100.00%	
		ICT2_765/400kv_WARDHA Total																					100.00%		
126	WR1_T_014	ICT3_765/400kv_WARDHA	1500	WRTS-I																			WRLCD	100.00%	
		ICT3_765/400kv_WARDHA Total																					100.00%		
127	WR1_T_015	ICT1_765/400kv_BILASPUR	1500	WRTS-I																			WRLCD	100.00%	
		ICT1_765/400kv_BILASPUR Total																					100.00%		
128	WR1_T_016	ICT2_765/400kv_BILASPUR	1500	WRTS-I																			WRLCD	100.00%	
		ICT2_765/400kv_BILASPUR Total																					100.00%		
129	WR1_T_017	ICT2_400/220kv_BAHATAPARA	315	WRTS-I																			WRLCD	100.00%	
		ICT2_400/220kv_BAHATAPARA Total																					100.00%		
130	WR1_T_018	ICT2_400/220kv_SEONI	315	WRTS-I		03/01/20	10:08	03/01/20	18:48				8.67	0.00	0.00	0.00							For AMP Works	WRLCD	100.00%
		ICT2_400/220kv_SEONI Total											8.67										98.84%		
131	WR1_T_019	ICT3_400/220kv_RAIPUR	315	WRTS-I																			WRLCD	100.00%	
		ICT3_400/220kv_RAIPUR Total																					100.00%		
132	WR1_T_020	ICT1_400/220kv_WARDHA	315	WRTS-I		25/01/20	17:09	25/01/20	20:40				3.52	0.00	0.00	0.00							Emergency outage availed for attending hotspot in R-phase of 203-89L isolator at Wardha S/S		
		ICT1_400/220kv_WARDHA Total											3.52										99.53%		
133	WR1_T_021	ICT2_400/220kv_WARDHA	315	WRTS-I																			WRLCD	100.00%	
		ICT2_400/220kv_WARDHA Total																					100.00%		
134	WR1_T_022	ICT3_400/220kv_SOLAPUR	500	WRTS-I																			WRLCD	100.00%	
		ICT3_400/220kv_SOLAPUR Total																					WRLCD	100.00%	
135	WR1_T_023	ICT1_400/220kv_SOLAPUR	315	WRTS-I																			WRLCD	100.00%	
		ICT1_400/220kv_SOLAPUR Total																					WRLCD	100.00%	
136	WR1_T_024	ICT2_400/220kv_SOLAPUR	315	WRTS-I																			WRLCD	100.00%	
		ICT2_400/220kv_SOLAPUR Total																					WRLCD	100.00%	
137	WR1_T_025	ICT1_400/220kv_PUNE	315	WRTS-I		25/01/20	11:09	25/01/20	17:49				0.00	0.00	0.00	6.67							ICT H/T as per WRLCD instructions for Power Regulation (only 220KV Side CB opened)	WRLCD	100.00%
		ICT1_400/220kv_PUNE Total											0.00										100.00%		
138	WR1_T_026	ICT2_400/220kv_PUNE	315	WRTS-I																			WRLCD	100.00%	
		ICT2_400/220kv_PUNE Total																					100.00%		
139	WR1_T_027	ICT3_400/220kv_PUNE	315	WRTS-I																			WRLCD	100.00%	
		ICT3_400/220kv_PUNE Total																					100.00%		
140	WR1_T_028	ICT3_765/400kv_BILASPUR	1500	WRTS-I																			WRLCD	100.00%	
		ICT3_765/400kv_BILASPUR Total																					WRLCD	100.00%	
141	WR1_T_029	ICT1_765/400kv_KOTRA PS	1500	WRTS-I																			WRLCD	100.00%	
		ICT1_765/400kv_KOTRA PS Total																					WRLCD	100.00%	
142	WR1_T_030	ICT2_765/400kv_KOTRA PS	1500	WRTS-I																			WRLCD	100.00%	
		ICT2_765/400kv_KOTRA PS Total																					WRLCD	100.00%	
143	WR1_T_031	ICT4_765/400kv_KOTRA PS	1500	WRTS-I																			WRLCD	100.00%	
		ICT4_765/400kv_KOTRA PS Total																					WRLCD	100.00%	
144	WR1_T_032	ICT3_400/220kv_MAPUSA	315	WRTS-I																			WRLCD	100.00%	
		ICT3_400/220kv_MAPUSA Total																							

SN	Unique ID of transmission Element	NAME OF LINE/ICT	Description (Length/No. / kVA/MVA/kW /etc.)	Region	Type of failure	OUTAGE		RESTORATION		Details of Outage		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Restoration Time as per Regulation 5(b) (2)	Whether Restoration Time more than normative (Y/N)	Difference between Actual and Norm 1- 2	Detailed Reasons for Outage	Outage Certifying Agency and Reference Document	% Availability as certified by WRLCD			
						Date	Time	Date	Time	No. of towers damaged	no. of insulator failed		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available									
151	WR1_T_039	ICT2_400/200kv_AURANGABAD	315	WRTS-I																					
		ICT2_400/200kv_AURANGABAD Total																					100.00%		
152	WR1_T_040	ICT2_765/400kv_AURANGABAD	1500	WRTS-I																			100.00%		
		ICT2_765/400kv_AURANGABAD Total																					100.00%		
153	WR1_T_041	ICT3_765/400kv_TAMNAR PS	1500	WRTS-I																			WRLCD	100.00%	
		ICT3_765/400kv_TAMNAR PS Total																					100.00%		
154	WR1_T_042	ICT3_765/400kv_KOTRA PS	1500	WRTS-I																			100.00%		
		ICT3_765/400kv_KOTRA PS Total																					100.00%		
155	WR1_T_043	ICT1_765/400kv_AURANGABAD	1500	WRTS-I		02/01/20	09:28	02/01/20	21:20														For Y-Ph Aircell replacement and AMP Works.	98.41%	
		ICT1_765/400kv_AURANGABAD Total											11.87	0.00	0.00	0.00								100.00%	
156	WR1_T_044	ICT2_765/400kv_DJAIGARH	1500	WRTS-I																				100.00%	
		ICT2_765/400kv_DJAIGARH Total											11.87											100.00%	
157	WR1_T_045	ICT1_765/400kv_DJAIGARH	1500	WRTS-I																				100.00%	
		ICT1_765/400kv_DJAIGARH Total																						100.00%	
158	WR1_T_046	ICT1_400/200kv_BHADRAWATI	315	WRTS-I																				WRLCD	100.00%
		ICT1_400/200kv_BHADRAWATI Total																						100.00%	
159	WR1_T_047	ICT1_765/400kv_PUNE(GIS)	1500	WRTS-I																				WRLCD	100.00%
		ICT1_765/400kv_PUNE(GIS) Total																						100.00%	
160	WR1_T_048	ICT2_765/400kv_PUNE(GIS)	1500	WRTS-I																				WRLCD	100.00%
		ICT2_765/400kv_PUNE(GIS) Total																						100.00%	
161	WR1_T_049	ICT1_765/400kv_CHAMPA	1500	WRTS-I																				WRLCD	100.00%
		ICT1_765/400kv_CHAMPA Total																						100.00%	
162	WR1_T_050	ICT2_765/400kv_CHAMPA	1500	WRTS-I																				WRLCD	100.00%
		ICT2_765/400kv_CHAMPA Total																						100.00%	
163	WR1_R_001	BUS REACTOR_400kv_63MVAR_RAIGARH	63	WRTS-I																				WRLCD	100.00%
		BUS REACTOR_400kv_63MVAR_RAIGARH Total																						100.00%	
164	WR1_R_002	BUS REACTOR_765kv_240MVAR_SEONI	240	WRTS-I																				WRLCD	100.00%
		BUS REACTOR_765kv_240MVAR_SEONI Total																						100.00%	
165	WR1_R_003	SWITCHABLE LR_400kv_KORBA 3_RAIPUR	50	WRTS-I																				WRLCD	100.00%
		SWITCHABLE LR_400kv_KORBA 3_RAIPUR Total																						100.00%	
166	WR1_R_004	BUS REACTOR_400kv_50MVAR_WARDHA	50	WRTS-I																				WRLCD	100.00%
		BUS REACTOR_400kv_50MVAR_WARDHA Total																						100.00%	
167	WR1_R_005	BUS REACTOR_400kv_63MVAR_SOLAPUR	63	WRTS-I		21/01/20	11:43	21/01/20	18:08															WRLCD	100.00%
		BUS REACTOR_400kv_63MVAR_SOLAPUR Total				22/01/20	10:46	22/01/20	13:19															BR H/T as per WRLCD instructions for Voltage Regulation BR H/T as per WRLCD instructions for Voltage Regulation	100.00%
168	WR1_R_006	BUS REACTOR_400kv_63MVAR_PARLI	63	WRTS-I																				WRLCD	100.00%
		BUS REACTOR_400kv_63MVAR_PARLI Total																						100.00%	
169	WR1_R_007	BUS REACTOR_400kv_50MVAR_PUNE	50	WRTS-I		14/01/20	09:56	14/01/20	18:09															WRLCD	100.00%
		BUS REACTOR_400kv_50MVAR_PUNE Total				19/01/20	10:45	19/01/20	14:07															BR H/T as per WRLCD instructions for Voltage Regulation. BR H/T for voltage regulation at Pune(Talegaon) S/S	100.00%
						25/01/20	11:04	25/01/20	17:48															BR H/T as per WRLCD instructions for Voltage Regulation BR H/T as per WRLCD instructions for Voltage regulation. BR H/T as per WRLCD instructions for Voltage Regulation.	100.00%
						28/01/20	11:02	28/01/20	18:42															100.00%	
						29/01/20	11:27	29/01/20	17:22															BR H/T as per WRLCD instructions for Voltage Regulation.	100.00%
170	WR1_R_008	BUS REACTOR_765kv_240MVAR_WARDHA	240	WRTS-I																				WRLCD	100.00%
		BUS REACTOR_765kv_240MVAR_WARDHA Total																						100.00%	
171	WR1_R_009	BUS REACTOR_765kv_240MVAR_BILASPUR	240	WRTS-I																				WRLCD	100.00%
		BUS REACTOR_765kv_240MVAR_BILASPUR Total																						100.00%	
172	WR1_R_010	SWITCHABLE LR_765kv_BINA_SEONI	240	WRTS-I																				WRLCD	100.00%
		SWITCHABLE LR_765kv_BINA_SEONI Total																						100.00%	
173	WR1_R_011	SWITCHABLE LR_765kv_SEONI 1_BILASPUR	240	WRTS-I																				WRLCD	100.00%
		SWITCHABLE LR_765kv_SEONI 1_BILASPUR Total																						100.00%	
174	WR1_R_012	SWITCHABLE LR_765kv_SEONI 2_BILASPUR	240	WRTS-I																				WRLCD	100.00%
		SWITCHABLE LR_765kv_SEONI 2_BILASPUR Total																						100.00%	
175	WR1_R_013	SWITCHABLE LR_765kv_DGARH_BILASPUR	240	WRTS-I																				WRLCD	100.00%
		SWITCHABLE LR_765kv_DGARH_BILASPUR Total																						100.00%	
176	WR1_R_014	BUS REACTOR_765kv_240MVAR_KOTRA PS	240	WRTS-I																				WRLCD	100.00%
		BUS REACTOR_765kv_240MVAR_KOTRA PS Total																						100.00%	
177	WR1_R_015	BUS REACTOR_400kv_80MVAR_KOTRA PS	80	WRTS-I		16/01/20	10:21	16/01/20	19:59															WRLCD	100.00%
		BUS REACTOR_400kv_80MVAR_KOTRA PS Total																						For first time CSD commissioning	100.00%
178	WR1_R_016	SWITCHABLE LR_765kv_DURG 1_KOTRA PS	240	WRTS-I		14/01/20	13:30	14/01/20	16:17															WRLCD	100.00%
		SWITCHABLE LR_765kv_DURG 1_KOTRA PS Total																						Emergency Outage availed due to rectification of TC1 Faulty in 718-52R CB.	99.63%
179	WR1_R_017	BUS REACTOR_400kv_50MVAR_BHADRAWATI	50	WRTS-I																				WRLCD	100.00%
		BUS REACTOR_400kv_50MVAR_BHADRAWATI Total																						100.00%	
180	WR1_R_018	BUS REACTOR_400kv_80MVAR_RAIPUR	80	WRTS-I																				WRLCD	100.00%
		BUS REACTOR_400kv_80MVAR_RAIPUR Total																						100.00%	
181	WR1_R_019	BUS REACTOR_400kv_50MVAR_MAPUSA	50	WRTS-I																				WRLCD	100.00%
		BUS REACTOR_400kv_50MVAR_MAPUSA Total																						100.00%	
182	WR1_R_020	BUS REACTOR_400kv_80MVAR_KOLHAPUR	80	WRTS-I		02/01/20	10:01	02/01/20	17:25															WRLCD	100.00%
		BUS REACTOR_400kv_80MVAR_KOLHAPUR Total				04/01/20	10:43	04/01/20	16:40															BR H/T as per WRLCD instructions for Voltage Regulation BR H/T as per WRLCD instructions for Voltage Regulation BR H/T as per WRLCD instructions for Voltage Regulation	

SN	Unique ID of transmission Element	NAME OF LINE/CT	Description (Length/No./ #VA/MVAR/MW /etc..)	Region	Type of failure	OUTAGE		RESTORATION		Details of Outage		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Restoration Time as per Regulation 5(b) (2)	Whether Restoration Time more than normative (Y/N)	Difference between Actual and Norm 1- 2	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	% Availability as certified by WRLDC	
						Date	Time	Date	Time	No. of towers damaged	no. of insulator failed		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available							
220	WR1_R_059	SWITCHABLE LR_765KV_JABALPUR 3_DJAIGARH	330	WRTS-I																			
		SWITCHABLE LR 765KV_JABALPUR 3_DJAIGARH Total																				100.00%	
221	WR1_R_060	SWITCHABLE LR_765KV_JABALPUR 4_DJAIGARH	330	WRTS-I																			
		SWITCHABLE LR 765KV_JABALPUR 4_DJAIGARH Total																					100.00%
222	WR1_R_061	SWITCHABLE LR_765KV_AURANGABAD 1_SOLAPUR	240	WRTS-I																			
		SWITCHABLE LR 765KV_AURANGABAD 1_SOLAPUR Total																					100.00%
223	WR1_R_062	SWITCHABLE LR_765KV_AURANGABAD 2_SOLAPUR	240	WRTS-I																			
		SWITCHABLE LR 765KV_AURANGABAD 2_SOLAPUR Total																					100.00%
224	WR1_R_063	SWITCHABLE LR_765KV_JABALPUR 2_DJAIGARH	330	WRTS-I																			
		SWITCHABLE LR 765KV_JABALPUR 2_DJAIGARH Total																					100.00%
225	WR1_R_064	SWITCHABLE LR_765KV_JABALPUR 1_DJAIGARH	330	WRTS-I																			
		SWITCHABLE LR 765KV_JABALPUR 1_DJAIGARH Total																					100.00%
226	WR1_R_065	BUS REACTOR_125MVAR_AT_KOLHAPUR(GIS)	125	WRTS-I		24/01/20	10:34	24/01/20	16:38														
		BUS REACTOR_125MVAR_AT_KOLHAPUR(GIS) Total				31/01/20	11:17	31/01/20	17:47														100.00%
227	WR1_R_066	SWITCHABLE LR_400KV_WARDHA1_AURANGABAD	80	WRTS-I																			
		SWITCHABLE LR_400KV_WARDHA1_AURANGABAD Total																					100.00%
228	WR1_R_067	SWITCHABLE LR_400KV_WARDHA2_AURANGABAD	80	WRTS-I																			
		SWITCHABLE LR_400KV_WARDHA2_AURANGABAD Total																					100.00%
229	WR1_R_068	BUS REACTOR_765kv_240MVAR_CHAMPA	240	WRTS-I																			
		BUS REACTOR_765kv_240MVAR_CHAMPA Total																					100.00%
230	WR1_R_069	BUS REACTOR_400kv_80MVAR_CHAMPA	80	WRTS-I																			
		BUS REACTOR_400kv_80MVAR_CHAMPA Total																					100.00%
231	WR1_R_070	SWITCHABLE LR_JHARSUGUDA1_DJAIGARH	330	WRTS-I																			
		SWITCHABLE LR_JHARSUGUDA1_DJAIGARH Total																					100.00%
232	WR1_R_071	SWITCHABLE LR_JHARSUGUDA2_DJAIGARH	330	WRTS-I																			
		SWITCHABLE LR_JHARSUGUDA2_DJAIGARH Total																					100.00%
233	WR1_P_001	HVDC_POLE1_BHADRAWATI	500	WRTS-I		01/01/20	00:00	05/01/20	08:19					104.32	0.00	0.00	0.00						
		HVDC_POLE1_BHADRAWATI Total				19/01/20	05:57	19/01/20	11:50					5.88	0.00	0.00	0.00						
						22/01/20	11:44	22/01/20	18:25					6.68	0.00	0.00	0.00						
						23/01/20	02:32	24/01/20	18:34					40.03	0.00	0.00	0.00						
						25/01/20	02:08	25/01/20	19:10					17.03	0.00	0.00	0.00						
														173.95									
234	WR1_P_002	HVDC_POLE2_BHADRAWATI	500	WRTS-I		03/01/20	03:46	03/01/20	07:34					3.80	0.00	0.00	0.00						
		HVDC_POLE2_BHADRAWATI Total				27/01/20	09:34	27/01/20	14:40					5.10	0.00	0.00	0.00						
														8.90									98.80%
235	WR1_T_051	ICT4_765/400kv_CHAMPA	1500	WRTS-I																			
		ICT4_765/400kv_CHAMPA Total																					100.00%
236	WR1_T_052	ICT5_765/400kv_CHAMPA	1500	WRTS-I																			
		ICT5_765/400kv_CHAMPA Total																					100.00%
237	WR1_L_113	400KV RAIGARH-JHARSUGUDA I	110.98	WRTS-I																			
		400KV RAIGARH-JHARSUGUDA I Total																					100.00%
238	WR1_L_114	400KV RAIPUR-RAIGARH III	217.02	WRTS-I																			
		400KV RAIPUR-RAIGARH III Total																					100.00%
239	WR1_L_115	765KV DURG PS- CHAMPA_2	149.15	WRTS-I																			
		765KV DURG PS- CHAMPA_2 Total																					100.00%
240	WR1_L_116	765KV DURG PS -WARDHA_3	357.27	WRTS-I		06/01/20	17:39	10/01/20	10:10					0.00	0.00	0.00	88.52						
		765KV DURG PS -WARDHA_3 Total				17/01/20	21:12	20/01/20	09:20					0.00	0.00	0.00	60.13						
						28/01/20	20:14	30/01/20	08:16					0.00	0.00	0.00	36.03						
														0.00									100.00%
241	WR1_L_117	765KV DURG PS -WARDHA_4	357.27	WRTS-I		01/01/20	00:00	06/01/20	09:00					0.00	0.00	0.00	129.00						
		765KV DURG PS -WARDHA_4 Total				06/01/20	09:00	06/01/20	15:27					6.45	0.00	0.00	0.00						
						06/01/20	15:27	06/01/20	16:21					0.00	0.90	0.00	0.00						
						10/01/20	20:20	17/01/20	09:23					0.00	0.00	0.00	157.05						
						22/01/20	02:04	28/01/20	10:45					0.00	0.00	0.00	152.68						
						31/01/20	22:26	31/01/20	23:59					0.00	0.00	0.00	1.57						
														6.45									99.13%
242	WR1_T_052	ICT6_765/400kv_CHAMPA	1500	WRTS-I																			
		ICT6_765/400kv_CHAMPA Total																					100.00%
243	WR1_T_118	765KV D'JAIGARH- CHAMPA	56.48	WRTS-I																			
		765KV D'JAIGARH- CHAMPA TOTAL																					
244	WR1_T_053	ICT3_765/400kv_CHAMPA	1500	WRTS-I																			
		ICT3_765/400kv_CHAMPA Total																					100.00%
245	WR1_L_118	400KV KORBA-BIRSINGHPUR_1	226.642	WRTS-I		29/01/20	10:25	29/01/20	19:35					9.17	0.00	0.00	0.00						
		400KV KORBA-BIRSINGHPUR_2 Total												9.17									
246	WR1_T_053	ICT2_765/400kv DURG PS	1500	WRTS-I																			
		ICT2_765/400kv DURG PS Total																					100.00%
247	WR1_T_054	ICT4_765/400kv TAMNAR PS	1500	WRTS-I																			
		ICT4_765/400kv TAMNAR PS Total																					100.00%
248	WR1_R_072	SWITCHABLE LR_765KV_WARDHA 4_DURG PS	240	WRTS-I																			
		SWITCHABLE LR_765KV_WARDHA 4_DURG PS Total																					100.00%
249	WR1_L_118	400KV LARA(NTPC)-CHAMPA I	113.527	WRTS-I		17/01/20	09:22	17/01/20	20:31					11.15	0.00	0.00	0.00						
		400KV LARA(NTPC)-CHAMPA I Total																					

SN	Unique ID of transmission Element	NAME OF LINE/CT	Description (Length/No./AWA/IVAC/AWV/etc.)	Region	Type of failure	OUTAGE		RESTORATION		Details of Outage		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Restoration Time as per Regulation 5(b) (2)	Whether Restoration Time more than normative (Y/N)	Difference between Actual and Norm 1-2	Detailed Reasons for Outage	Outage Certifying Agency and Reference Document	% Availability as certified by WRLDC	
						Date	Time	Date	Time	No. of towers damaged	no. of insulator failed		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available							
		400kV LARA(NTPC)-CHAMPA II Total																			100.00%		
251	WR1_L_120	400kV RAIPUR-RAIGARH IV	217.02	WRTS-I																	100.00%		
		400kV RAIPUR-RAIGARH IV Total																				100.00%	
252	WR1_L_121	400kV SOLAPUR(NTPC)-SOLAPUR(PG) 3	11.2	WRTS-I																		100.00%	
		400kV SOLAPUR(NTPC)-SOLAPUR(PG) 3 Total																				100.00%	
253	WR1_L_122	400kV SOLAPUR(NTPC)-SOLAPUR(PG) 4	11.2	WRTS-I																		100.00%	
		400kV SOLAPUR(NTPC)-SOLAPUR(PG) 4 Total																				100.00%	
254	WR1_L_0123	400kV RAIGARH-JHARSUGUDA II	110.98	WRTS-I																		100.00%	
		400kV RAIGARH-SUNDERGARH II Total																				100.00%	
255	WR1_T_124	765kV AURANGABAD(PG)-PADGHE(GIS) I	284.816	WRTS-I																		100.00%	
		765kV AURANGABAD(PG)-PADGHE(GIS) I Total																				100.00%	
256	WR1_T_125	765kV AURANGABAD(PG)-PADGHE(GIS) II	284.816	WRTS-I		19/01/20	18:04	19/01/20	19:45					1.68	0.00	0.00	0.00					Emergency outage availed for SF6 gas top up in B-phase 7136 GIS-compartment at Padghe-GIS end.	100.00%
						19/01/20	19:45	20/01/20	06:53					0.00	0.00	0.00	11.13					Line kept open for VR	
		765kV AURANGABAD(PG)-PADGHE(GIS) II Total												1.68									99.77%
257	WR1_T_055	ICT2_765400kv_PADGHE(GIS)	1500	WRTS-I																			100.00%
		ICT2_765400kv_PADGHE(GIS) Total																					100.00%
258	WR1_R_054	BUS REACTOR_765kV_240MVAR_PADGHE(GIS)	240	WRTS-I		13/01/20	10:59	13/01/20	13:16					2.28	0.00	0.00	0.00					For taking B Phase Bus Reactor into service in place of Spare Reactor.	
		BUS REACTOR_765kV_240MVAR_PADGHE(GIS) TOTAL												2.28									100.00%
259	WR1_R_055	SWITCHABLE_LR_400kV_BWATI2_RAIPUR	50	WRTS-I																			100.00%
		SWITCHABLE_LR_400kV_BWATI2_RAIPUR Total																					100.00%
260	WR1_T_125	400kV PADGHE(GIS)-KUDUS(PADGHE MSETCL) I	16.74	WRTS-I																			100.00%
		400kV PADGHE(GIS)-KUDUS(PADGHE MSETCL) I TOTAL																					100.00%
261	WR1_T_125	400kV PADGHE(GIS)-KUDUS(PADGHE MSETCL) II	16.74	WRTS-I																			100.00%
		400kV PADGHE(GIS)-KUDUS(PADGHE MSETCL) II TOTAL																					100.00%
262	WR1_T_056	ICT1_765400kv_PADGHE(GIS)	1500	WRTS-I																			100.00%
		ICT1_765400kv_PADGHE(GIS) Total																					100.00%
263		400kV WARDHA-WARORA-1 LILOPOINT_PG	3.71	WRTS-I																			100.00%
		400kV WARDHA-WARORA-1 LILOPOINT_PG Total																					100.00%
264		400kV WARDHA-WARORA-2 LILOPOINT_PG	3.71	WRTS-I																			100.00%
		400kV WARDHA-WARORA-2 LILOPOINT_PG Total																					100.00%
265		400kV WARORA-PARLI-1 LILOPOINT_PG	333.23	WRTS-I		22/01/20	14:08	22/01/20	19:18					5.17	0.00	0.00	0.00					Emergency outage availed for attending flashover on CC ring and insulator at Location no.91.	
		400kV WARORA-PARLI-1 LILOPOINT_PG Total												5.17									99.31%
266		400kV WARORA-PARLI-2 LILOPOINT_PG	333.23	WRTS-I		21/01/20	17:46	21/01/20	19:45					1.98	0.00	0.00	0.00					Emergency Outage availed for attend the Hotspot observed on Common Point (40589A Isolator on B-Ph) of Warora-2 Line main bay (404) and Tie bay (405) For Attending Jumper clearance at Location number 783	
		400kV WARORA-PARLI-2 LILOPOINT_PG Total				23/01/20	11:53	23/01/20	16:05					4.20	0.00	0.00	0.00						99.17%
267		SWITCHABLE_LR_JHARSUGUDA3_DJAIGARH	330	WRTS-I																			100.00%
		SWITCHABLE_LR_JHARSUGUDA3_DJAIGARH Total																					100.00%
268		SWITCHABLE_LR_JHARSUGUDA4_DJAIGARH	330	WRTS-I																			100.00%
		SWITCHABLE_LR_JHARSUGUDA4_DJAIGARH Total																					100.00%
269		765kV DJAIGARH-JHARSUGUDA III	149.4	WRTS-I		18/01/20	08:40	18/01/20	20:48					12.13	0.00	0.00	0.00					For TL Maintenance works (Availed by Odisha project). At 20:48 hrs. readiness email was sent by RTAMC, Odisha. WRLDC has issued code for keeping line open and converting SLR as B/R at Dharamjagarh end for VR.	
						18/01/20	20:48	20/01/20	10:09					0.00	0.00	0.00	37.35					Line kept open for voltage regulation as per WRLDC instructions against readiness email for charging was sent by RTAMC, Odisha. SLR is converted as B/R at Dharamjagarh end at 23:24 Hrs.	
		765kV DJAIGARH-JHARSUGUDA III Total												12.13									98.37%
270		765kV DJAIGARH-JHARSUGUDA IV	149.4	WRTS-I		06/01/20	08:46	06/01/20	09:36					0.83	0.00	0.00	0.00					Line tripped due to Main bay CT SF6 low alarm on B-phase at Jharsuguda end & DT received at Dharamjagarh end.	
						21/01/20	08:51	21/01/20	19:18					10.45	0.00	0.00	0.00					Outage availed by Odisha project for Transmission line maintenance works. Line still open for VR as per WRLDC Instruction. Readiness mail sent at 19:18 hrs.	
						21/01/20	19:18	22/01/20	08:15					0.00	0.00	0.00	12.95					To Keep out for VR as per WRLDC Instruction, and Convert LR as BR at 19:58 hrs at Dharamjagarh end. Mail received at 19:18 hrs.	
		765kV DJAIGARH-JHARSUGUDA IV Total												11.28									98.48%
271		SWITCHABLE_LR_DJAIGARH1_RANCHI	240	WRTS-I																			100.00%
		SWITCHABLE_LR_DJAIGARH1_RANCHI Total																					100.00%
272		SWITCHABLE_LR_DJAIGARH2_RANCHI	240	WRTS-I																			100.00%
		SWITCHABLE_LR_DJAIGARH2_RANCHI Total																					100.00%
273		STATCOM AURANGABAD	975	WRTS-I																			100.00%
		STATCOM AURANGABAD Total																					100.00%
274		STATCOM SOLAPUR	975	WRTS-I		22/01/20	11:53	22/01/20	17:06					5.22	0.00	0.00	0.00					For AMP and MV side Isolators interlock checking works.	
		STATCOM SOLAPUR Total												5.22									99.30%
275		SWITCHABLE_LR_765kV_RAJNANDGAON_1_BILASPUR	240	WRTS-I																			100.00%
		SWITCHABLE_LR_765kV_RAJNANDGAON_1_BILASPUR Total																					100.00%
276		SWITCHABLE_LR_765kV_RAJNANDGAON_2_BILASPUR	240	WRTS-I																			100.00%
		SWITCHABLE_LR_765kV_RAJNANDGAON_2_BILASPUR Total																					100.00%
277		SWITCHABLE_LR_765kV_JHARSUGUDA1_DURG PS	240	WRTS-I																			100.00%
		SWITCHABLE_LR_765kV_JHARSUGUDA1_DURG PS Total																					100.00%
278		SWITCHABLE_LR_765kV_JHARSUGUDA2_DURG PS	240	WRTS-I		10/01/20	10:16	10/01/20	17:36					7.33	0.00	0.00	0.00					For AMP works	
		SWITCHABLE_LR_765kV_JHARSUGUDA2_DURG PS Total												7.33									99.01%
279		BUS REACTOR_400kV_125MVAR_DHARAMJAGARH SS	125	WRTS-I																			100.00%
		BUS REACTOR_400kV_125MVAR_DHARAMJAGARH SS Total																					100.00%
280		BUS REACTOR-2_765kV_240MVAR_CHAMPA PS	240	WRTS-I																			100.00%
		BUS REACTOR-2_765kV_240MVAR_CHAMPA PS Total																					100.00%
281		BUS REACTOR_3_765kV_330MVAR_DHARAMJAGARH SS	330	WRTS-I																			100.00%
		BUS REACTOR_3_765kV_330MVAR_DHARAMJAGARH SS Total																					100.00%
282		LR_400kV_80MVAR_ABAD_1_at_WARDHA Ss	80	WRTS-I																			100.00%
		LR_400kV_80MVAR_ABAD_1_at_WARDHA Ss Total																					

SN	Unique ID of transmission Element	NAME OF LINE/CT	Description (Length/No./MVA/MVAR/MW /etc.)	Region	Type of failure	OUTAGE		RESTORATION		Details of Outage		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Restoration Time as per Regulation 5(b) (Z)	Whether Restoration Time more than normative (Y/N)	Difference between Actual and Norm 1-2	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	% Availability as certified by WRLDG
						Date	Time	Date	Time	No. of towers damaged	no. of insulator failed		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available						
		BUS REACTOR-2_765kV_240MVAR_Kotra PS Total																				100.00%
286		SWITCHABLE LR_765kV_AURANGABAD_PUNE GIS	240	WRTS-1		31/01/20	10:15	31/01/20	20:19				10.07	0.00	0.00	0.00				For AMP Works		
		SWITCHABLE LR_765kV_AURANGABAD_PUNE GIS Total											10.07									98.65%