

Standard of Performance data for the month of June - 2020
Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD.
Region: WESTERN REGION TRANSMISSION SYSTEM- I

SN	Unique ID of transmission Element	NAME OF LINE/ICT	Description (Length/Nos./MVA/MVar/MW/e tc.)	Region	Type of failure	OUTAGE		RESTORATION		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				ANNEXURE-A	Detailed Reason(s) for Outage	% Availability as certified by WRLDC	Category
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available				
1	WR1_L_001	400kV KORBA-KORBA(WEST)	14	WRTS-I														
		400kV KORBA-KORBA(WEST) Total															100.00%	
2	WR1_L_002	400kV KORBA-BHILAI I	197	WRTS-I		29-Jun-20	00:16	29-Jun-20	00:58									LNCC
		400kV KORBA-BHILAI I Total									0	0	0.7	0				
3	WR1_L_003	400kV KORBA-BHILAI II	192	WRTS-I							0						100.00%	
		400kV KORBA-BHILAI II Total															100.00%	
4	WR1_L_004	400kV BHILAI-KORADI	272	WRTS-I													100.00%	
		400kV BHILAI-KORADI Total															100.00%	
5	WR1_L_005	400kV KORADI-SATPURA	149	WRTS-I													100.00%	
		400kV KORADI-SATPURA Total															100.00%	
6	WR1_L_006	400kV RAIPUR-BHILAI I	13	WRTS-I		25-Jun-20	08:26	25-Jun-20	20:59									OSFT
		400kV RAIPUR-BHILAI I Total									12.55	0	0	0				
7	WR1_L_007	400kV BHILAI-BHADRAVATI I	322	WRTS-I							12.55							
		400kV BHILAI-BHADRAVATI I Total																100.00%
8	WR1_L_008	400kV RAIPUR-BHADRAVATI I	333	WRTS-I														
		400kV RAIPUR-BHADRAVATI I Total																100.00%
9	WR1_L_009	400kV RAIPUR-BHADRAVATI II	345.55	WRTS-I		12-Jun-20	17:35	12-Jun-20	17:35									LART
		400kV RAIPUR-BHADRAVATI II Total									0	0	0	0				
10	WR1_L_010	400kV RAIPUR-BHADRAVATI III	345.55	WRTS-I		1-Jun-20	09:08	1-Jun-20	16:41									OSPT
						15-Jun-20	14:21	15-Jun-20	14:21									LART
						29-Jun-20	20:02	29-Jun-20	20:02									LART

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						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available			
		400kV RAIPUR-BHADRAVATI III Total									7.55					98.95%	
11	WR1_L_011	400kV BHADRAVATI-CHANDRAPUR I	20	WRTS-I		2-Jun-20	20:53	7-Jun-20	22:31		0	0	0	121.63333	Line H/T as per WRLDC instructions for Voltage Regulation .		LVRD
						14-Jun-20	17:47	29-Jun-20	08:48		0	0	0	351.01667	Line H/T as per WRLDC instructions for Voltage Regulation .		LVRD
		400kV BHADRAVATI-CHANDRAPUR I Total									0					100.00%	
12	WR1_L_012	400kV BHADRAVATI-CHANDRAPUR II	20	WRTS-I		2-Jun-20	20:53	7-Jun-20	22:52		0	0	0	121.98333	Line H/T as per WRLDC instructions for Voltage Regulation .		LVRD
		400kV BHADRAVATI-CHANDRAPUR II Total									0					100.00%	
13	WR1_L_013	400kV BHADRAVATI-CHANDRAPUR III	22.42	WRTS-I													
		400kV BHADRAVATI-CHANDRAPUR III Total														100.00%	
14	WR1_L_014	400kV BHADRAVATI-CHANDRAPUR IV	22.42	WRTS-I													
		400kV BHADRAVATI-CHANDRAPUR IV Total														100.00%	
15	WR1_L_015	400kV MAHAN-VINDHYACHAL	19	WRTS-I													
		400kV MAHAN-VINDHYACHAL Total														100.00%	
16	WR1_L_016	400kV KORBA-MAHAN	196	WRTS-I													
		400kV KORBA-MAHAN Total														100.00%	
17	WR1_L_017	400kV VINDHYACHAL-KORBA II	288.994	WRTS-I													
		400kV VINDHYACHAL-KORBA II Total														100.00%	
18	WR1_L_018	400kV SATPURA-SEONI	1.507	WRTS-I													
		400kV SATPURA-SEONI Total														100.00%	
19	WR1_L_019	400kV BHILAI-SEONI	1.498	WRTS-I													
		400kV BHILAI-SEONI Total														100.00%	
20	WR1_L_020	400kV BHILAI-BHATAPARA	90.453	WRTS-I		29-Jun-20	14:12	29-Jun-20	14:45		0	0	0.55	0	Line tripped on Y-G, 0.94km, 8.42KA. At Bhilai: Y-G, 84.6km, 4.123KA.		LNCC
		400kV BHILAI-BHATAPARA Total									0					100.00%	
21	WR1_L_021	400kV BHATAPARA-KORBA	123.73	WRTS-I													
		400kV BHATAPARA-KORBA Total														100.00%	
22	WR1_L_022	400kV KORBA-SIPAT	68.653	WRTS-I													
		400kV KORBA-SIPAT Total														100.00%	
23	WR1_L_023	400kV RAIPUR-SIPAT I	149.12	WRTS-I		26-Jun-20	17:33	26-Jun-20	17:33		0	0	0	0	Line A/R successful at both ends on B ph-G fault Raipur SS:M1-83.2kM, 4.27kA/M2-Not recorded Sipat SS:M1-52.2kM, 6.1kA/M2 Not recorded Fault was in Bhatapara TLM iurisdiction		LART
		400kV RAIPUR-SIPAT I Total									0					100.00%	
24	WR1_L_024	400kV RAIPUR-SIPAT II	149.12	WRTS-I													
		400kV RAIPUR-SIPAT II Total														100.00%	
25	WR1_L_025	400kV RAIPUR-SIPAT III	162.04	WRTS-I		10-Jun-20	09:38	22-Jun-20	15:31		0	0	0	293.88333	For dismantling of Tower no 235 and shifting of line on new Tower.		LCSD
		400kV RAIPUR-SIPAT III Total									0					100.00%	
26	WR1_L_026	765kV BILASPUR-SIPAT I	21.507	WRTS-I													
		765kV BILASPUR-SIPAT I Total														100.00%	
27	WR1_L_027	765kV SEONI-BILASPUR I	337.046	WRTS-I													
		765kV SEONI-BILASPUR I Total														100.00%	
28	WR1_L_028	765kV BILASPUR-SIPAT II	22.216	WRTS-I													
		765kV BILASPUR-SIPAT II Total														100.00%	
29	WR1_L_029	765kV SEONI-BILASPUR II	338.33	WRTS-I													
		765kV SEONI-BILASPUR II Total														100.00%	

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						Date	Time	Date	Time		ISTS License	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available			
30	WR1_L_030	765kV SEONI-WARDHA I	267.894	WRTS-I		10-Jun-20	16:35	10-Jun-20	17:46		1.1833333	0	0	0	Due to heavy windstorm & thunderstorm along with heavy rain leads to line tripped on Y to B phase to phase fault. @ Wardha S/S: FD-0.012km,FC-26.869KA. @ Seoni S/S: FD-267.987km,FC-3.744KA		LNCC
						17-Jun-20	09:30	17-Jun-20	19:06		9.6	0	0	0	For rectification of Ph-Ph conductor clearance near dead end/Gantry tower at Wardha end.		OSPT
		765kV SEONI-WARDHA I Total									10.7833333					98.50%	
31	WR1_L_031	765kV SEONI-WARDHA II	260.763	WRTS-I		15-Jun-20	09:05	16-Jun-20	01:14		16.15	0	0	0	For LR Radiator Replacement & Line reactor in non switchable hence line outage required, DTPC work		OSPT
		765kV SEONI-WARDHA II Total									16.15					97.76%	
32	WR1_L_032	400kV WARDHA-AKOLA I	161.865	WRTS-I													
		400kV WARDHA-AKOLA I Total														100.00%	
33	WR1_L_033	400kV WARDHA-AKOLA II	161.865	WRTS-I													
		400kV WARDHA-AKOLA II Total														100.00%	
34	WR1_L_034	400kV AURANGABAD (PG) -AKOLA I	289.966	WRTS-I		4-Jun-20	13:38	4-Jun-20	21:42		8.0666667	0	0	0	line tripped on R phase to E fault,Main-1-FD-6.465km,FC-26.372kA & Main-2-FD-6.543km,FC-26.035kAfrom Aurangabad end and FD-km,FC-kA from Akola (MSETCL) end. During patrolling it was noticed that the R-ph jumper on tower no.4 (Bottom phase) found opened and hanging. The tower No. 04 is a multi circuit tower and 400 kV Aurangabad(PowerGRID)-Aurangabad(MSETCL) line-2 is passing below the 400 kV Akola-Aurangabad line-I.		LHWT
		400kV AURANGABAD (PG) -AKOLA I Total									8.0666667					98.88%	
35	WR1_L_035	400kV AURANGABAD (PG) -AKOLA II	289.966	WRTS-I		2-Jun-20	22:06	2-Jun-20	22:53		0	0	0.7833333	0	Linetripped due to heay rains, lightning on Y-G fault. At Aurangabad end M1 FD 285 km, FC 2.0 KA, M2 FD 294 km, FC 2.0 KA. At Akola end M1 & M2 FD 6.3 km, FC 14.87 KA		LNCC
		400kV AURANGABAD (PG) -AKOLA II Total									0					100.00%	
36	WR1_L_036	400kV BHADRAVATI-PARLI I	378.667	WRTS-I		29-Jun-20	08:48	29-Jun-20	12:33		3.75	0	0	0	For replacement of Y Ph CVT at Bhadrawati SS & 400KV-Dhariwal-PARLI-2 AR-to be keep in non auto mode for safety measures.		OSPT
		400kV BHADRAVATI-PARLI I Total									3.75					99.48%	
37	WR1_L_037	400kV PARLI(PG)-PARLI(MSETCL) I	4.958	WRTS-I													
		400kV PARLI(PG)-PARLI(MSETCL) I Total														100.00%	
38	WR1_L_038	400kV PARLI(PG)-PARLI(MSETCL) II	4.958	WRTS-I		3-Jun-20	14:01	3-Jun-20	15:05		0	0	1.0666667	0	Line tripped on over voltage protection operated.		GOVC

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						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available			
						18-Jun-20	09:18	18-Jun-20	23:06						Outage availed by MSETCL for Distance relay testing work & Bay Maint. Work at Parli (MSETCL) end..		OSPT
						18-Jun-20	23:06	19-Jun-20	06:26					7.3333333	Line kept open on VR		LVRD
		400kV PARLI(PG)-PARLI(MSETCL) II Total															
39	WR1_L_039	400kV KORBA-RAIPUR III	212.83	WRTS-I													98.08%
		400kV KORBA-RAIPUR III Total															100.00%
40	WR1_L_040	400kV KORBA-RAIPUR IV	212.83	WRTS-I		2-Jun-20	11:31	2-Jun-20	12:41						Line tripped due to heavy rains, lightning Raipur SS: M1-FD-43.63kM;FC 5.76kA and M2-FD-43.04kM;FC-5.76kA. Fault details from Korba: 152km and 6kA.		LNCC
		400kV KORBA-RAIPUR IV Total															100.00%
41	WR1_L_041	400kV WARDHA-PARLI I	336.939	WRTS-I													100.00%
		400kV WARDHA-PARLI I Total															100.00%
42	WR1_L_042	400kV WARDHA-PARLI II	336.939	WRTS-I													100.00%
		400kV WARDHA-PARLI II Total															100.00%
43	WR1_L_043	400kV WARDHA-MAUDA II	123.45	WRTS-I													100.00%
		400kV WARDHA-MAUDA II Total															100.00%
44	WR1_L_044	400kV KORBA-VANDANA	14.768	WRTS-I													100.00%
		400kV KORBA-VANDANA Total															100.00%
45	WR1_L_045	400kV VANDANA-BIRSINGHPUR	211.874	WRTS-I													100.00%
		400kV VANDANA-BIRSINGHPUR Total															100.00%
46	WR1_L_046	400kV RAIPUR-WARDHA I	370.565	WRTS-I		2-Jun-20	08:50	2-Jun-20	08:50						Line A/R successful on B ph-G fault at both ends Wardha SS: M1-FD-194kM;FC-2.06kA and M2-FD-197kM;FC-2.2kA Raipur SS: M1-FD-181.8kM;FC 2.15kA and M2-FD-195kM;FC-2.13kA		LART
		400kV RAIPUR-WARDHA I Total															100.00%
47	WR1_L_047	400kV RAIPUR-WARDHA II	370.565	WRTS-I		21-Jun-20	19:52	21-Jun-20	19:52						Line A/R successful due to B-G fault. Fault details at Raipur: B-G, 13.438KA, 10.58km. At Wardha: B-G, 1.14KA, 376.6km.		LART
		400kV RAIPUR-WARDHA II Total															100.00%
48	WR1_L_048	400kV RAIPUR-DURG I	21.43	WRTS-I													100.00%
		400kV RAIPUR-DURG I Total															100.00%
49	WR1_L_049	400kV RAIPUR-DURG II	21.43	WRTS-I													100.00%
		400kV RAIPUR-DURG II Total															100.00%
50	WR1_L_050	400kV RAIGARH-KOTRA PS I	6.288	WRTS-I													100.00%
		400kV RAIGARH-KOTRA PS I Total															100.00%
51	WR1_L_051	400kV RAIGARH-KOTRA PS II	6.288	WRTS-I		7-Jun-20	18:56	7-Jun-20	20:11						Line emergency H/T from Kotra PS end due to heavy sparking in Y-ph line isolator at Kotra PS. After rectification of line isolator, readiness mail is send to WRLDC at 20:11hrs.		OSFT
		400kV RAIGARH-KOTRA PS II Total															99.83%
52	WR1_L_052	765kV TAMNAR PS-KOTRA PS I	47.986	WRTS-I													100.00%
		765kV TAMNAR PS-KOTRA PS I Total															100.00%
53	WR1_L_053	765kV TAMNAR PS-KOTRA PS II	47.986	WRTS-I													100.00%

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765kV TAMNAR PS-KOTRA PS II Total																	
54	WR1_L_054	765kV KOTRA PS-DURG PS I	239.843	WRTS-I		2-Jun-20	14:02	2-Jun-20	14:02		0	0	0	0	Line Auto Reclose successful on B-G fault. AFAS Double End Fault details from Durg: 215.87km and 4.08kA and from Kotra: 24.7km and 10.13kA. SLR at Kotra opened on ferro resonance. SLR at 765kV Kotra has been chrged at 15:28 Hrs. Fault is in Raigarh(TLM) jurisdiction. Conductor position: Middle.	100.00%	LART
						14-Jun-20	20:20	14-Jun-20	20:20		0	0	0	0	Line A/R successful on R-G fault. SLR at Kotra opened as per scheme implemented. Fault Details at Kotra PS: R-G, 54.05km, 9.787KA Fault Details at Durg PS: R-G, 185.1km, 4.0KA.		LART
						19-Jun-20	09:59	19-Jun-20	14:56		4.95	0	0	0	Emergency outage availed to attend the missing earth wire cotter nuts at locations no. 606 & 607		OSFT
						28-Jun-20	07:48	28-Jun-20	19:48		12	0	0	0	Outage availed for line AMP works		OSPT
765kV KOTRA PS-DURG PS I Total																	
											16.95					97.65%	
55	WR1_L_055	765kV KOTRA PS-DURG PS II	239.843	WRTS-I		27-Jun-20	08:47	27-Jun-20	19:58		11.183333	0	0	0	For Line AMP works & 765KV Raigarh PS - Raipur PS (Durg) ckt - 1 AR to be keep in non auto mode for safety measures.		OSPT
765kV KOTRA PS-DURG PS II Total																	
											11.183333					98.45%	
56	WR1_L_056	400kV AURANGABAD(PG)-AURANGABAD(MSETCL) II	52.563	WRTS-I		4-Jun-20	17:52	4-Jun-20	21:39		3.7833333	0	0	0	Line emergency outage availed for attending open jumper on tower no.4 (Bottom phase) on 400kV Aurangabad(PG)-Akola-I line.		OSFT
						26-Jun-20	10:16	26-Jun-20	16:42		6.4333333	0	0	0	Emergency outage availed for attending R, Y, B phase CT hotspot at Waluj (MSETCL) end.		OSFT
400kV AURANGABAD(PG)-AURANGABAD(MSETCL) II Total																	
											10.216667					98.58%	
57	WR1_L_057	400kV BHADRAVATI-DHARIWAL TPP II	2.923	WRTS-I													
400kV BHADRAVATI-DHARIWAL TPP II Total																	
																100.00%	
58	WR1_L_058	400kV DHARIWAL TPP-PARLI II	375.785	WRTS-I		26-Jun-20	19:08	26-Jun-20	19:08		0	0	0	0	Line A/R successful at both ends on Y ph-G fault Parli SS: AFAS M1-117.3kM, 3.133kA/M2-115.33km,3.129kA Relay M1-111.4kM, 2.91kA/M2-112.9km,2.28kA Dhariwal SS:M1-255.98kM, 1.517kA/M2-Not available Fault was in Nanded TLM iursdiction		LART

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						29-Jun-20	12:41	29-Jun-20	18:45		6.0666667	0	0	0	Emergency outage availed for rectification of BCU (Both) & Main-I Distance relay got switched off.		OSFT
		400kV DHARIWAL TPP-PARLI II Total									6.0666667					99.16%	
59	WR1_L_059	400kV AURANGABAD(PG)-AURANGABAD(MSETCL) I	52.563	WRTS-I		24-Jun-20	11:43	24-Jun-20	18:04		6.35	0	0	0	Emergency outage availed for attending hot spot in R-ph CT at Waluj end.		OSFT
		400kV AURANGABAD(PG)-AURANGABAD(MSETCL) I Total									6.35					99.12%	
60	WR1_L_060	765KV DURG PS - D'JAIGARH	357.62	WRTS-I													
		765KV DURG PS - D'JAIGARH Total														100.00%	
61	WR1_L_061	765KV WARDHA - AURANGABAD(PG) I	347.577	WRTS-I													
		765KV WARDHA - AURANGABAD(PG) I Total														100.00%	
62	WR1_L_062	765kv WARDHA - AURANGABAD(PG) II	347.577	WRTS-I		17-Jun-20	21:00	19-Jun-20	07:23		0	0	0	34.383333	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Wardha end at 21:36 hrs.		LVRD
						19-Jun-20	18:14	25-Jun-20	23:59		0	0	0	149.75	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Wardha end at 19:02 hrs.		LVRD
		765kv WARDHA - AURANGABAD(PG) II Total									0					100.00%	
63	WR1_L_063	765KV DURG PS -WARDHA_1	369.107	WRTS-I		3-Jun-20	14:24	25-Jun-20	07:45		0	0	0	521.35	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Durg end at 14:41 hrs.		LVRD
		765kv DURG PS -WARDHA_1 Total									0					100.00%	
64	WR1_L_064	765KV DURG PS -WARDHA_2	369.107	WRTS-I		10-Jun-20	15:17	10-Jun-20	15:17		0	0	0	0	Line A/R successful at both ends on Y phase to E fault. @ Durg S/S: Main-1 FD-130.2km,FC-5.57KA & Main-2 FD-128.8km,FC-6.5KA @ Wardha S/S:Main-1 FD-243.43km,FC-2.76KA & Main-2 FD-246.38km,FC-2.7KA Fault jurisdiction - Bramhapuri TLM		LART
						28-Jun-20	13:05	30-Jun-20	23:59		0	0	0	58.916389	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Durg end at 13:39 hrs.		LVRD
		765kv DURG PS -WARDHA_2 Total									0					100.00%	
65	WR1_L_065	400Kv PARLI-PUNE(GIS)_1	9.57	WRTS-I		12-Jun-20	13:28	12-Jun-20	13:28		0	0	0	0	Line A/R successful at both ends on R phase to E fault. @ Pune -GIS : FD-165.914km,FC-2.421KA @ Parli SS : FD-9.200km,FC-4.068KA		LART
		400Kv PARLI-PUNE(GIS)_1 Total									0					100.00%	
66	WR1_L_066	400Kv PARLI-PUNE(GIS)_2	9.57	WRTS-I		11-Jun-20	16:47	11-Jun-20	20:45		3.9666667	0	0	0	Emergency outage availed for replacement of faulty Main-1 distance protection relay at Parli SS.		OSFT
		400Kv PARLI-PUNE(GIS)_2 Total									3.9666667					99.45%	

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						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available				
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		3-Jun-20	16:50	3-Jun-20	16:50			0	0	0	0		Line A/R succesful at both ends on R phase to E fault @ Pune (GIS) end : : FD-30.056Km;FC-5.683kA @ Pune (Talegaon) end : :FD-31.1Km;FC-7.5kA Fault is in Adani Portion	LART
		400Kv PUNE(GIS)-PUNE(TALEGOAN)_2 Total										0	0	0	0		100.00%	
69	WR1_L_069	765kV PUNE(GIS)-SOLAPUR	269.842	WRTS-I		1-Jun-20	00:00	20-Jun-20	09:53			0	0	0	465.88333		Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Solapur end at 19:04 hrs and at Pune (GIS) end at 18:48 hrs.	LVRD
						20-Jun-20	19:58	30-Jun-20	23:59			0	0	0	244.03306		Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Solapur end at 20:19 hrs and at Pune (GIS) end at 20:31 hrs.	LVRD
		765kV PUNE(GIS)-SOLAPUR Total										0	0	0			100.00%	
70	WR1_L_070	765kV WARDHA - AURANGABAD(PG) III	355	WRTS-I		30-Jun-20	01:05	30-Jun-20	23:59			0	0	0	22.916389		Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Wardha end at 01:37 hrs.	LVRD
		765kV WARDHA - AURANGABAD(PG) III Total										0	0	0			100.00%	
71	WR1_L_071	765kV WARDHA - AURANGABAD(PG) IV	355	WRTS-I		3-Jun-20	17:25	18-Jun-20	10:30			0	0	0	353.08333		Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Wardha end at 18:12 hrs.	LVRD
						19-Jun-20	01:31	28-Jun-20	09:07			0	0	0	223.6		Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Wardha end at 01:45 hrs.	LVRD
		765kV WARDHA - AURANGABAD(PG) IV Total										0	0	0			100.00%	
72	WR1_L_072	400Kv SOLAPUR(NTPC)-SOLAPUR(PG)_1	11.2	WRTS-I		11-Jun-20	09:33	11-Jun-20	19:06			9.55	0	0	0		Line terminal equipments AMP works & 400KV-Solapur-SOLAPUR-NTPC-2 AR-to be keep in non auto mode for safety measures at Solapur (PG) at 10:22 Hrs & Solapur (NTPC) at 10:10 Hrs. and A/R kept in Auto mode at 19:05 hrs	OSPT
		400Kv SOLAPUR(NTPC)-SOLAPUR(PG)_1 Total										9.55	0	0	0		98.67%	
73	WR1_L_073	400Kv SOLAPUR(NTPC)-SOLAPUR(PG)_2	11.2	WRTS-I		24-Jun-20	09:22	24-Jun-20	19:32			10.166667	0	0	0		Line terminal equipments AMP works & 400KV-Solapur-SOLAPUR-NTPC-1 AR-to be keep in non auto mode for safety measures.	OSPT
		400Kv SOLAPUR(NTPC)-SOLAPUR(PG)_2 Total										10.166667	0	0	0		98.59%	

SN	Unique ID of transmission Element	NAME OF LINE/ICT	Description (Length/Nos./MVA/MVAr/MW/e tc.)	Region	Type of failure	OUTAGE		RESTORATION		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Detailed Reason(s) for Outage	% Availability as certified by WRLDC	Category
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available			
74	WR1_L_074	765kV DURG PS- CHAMPA_1	149.15	WRTS-I		29-Jun-20	13:39	29-Jun-20	18:32		0	0	4.8833333	0	Line tripped on B-G fault due to heavy rains, lightning . Fault details at Durg: 75.877km, 7.56KA. At Champa: 61.3km, 17.65KA.		LNCC
		765kV DURG PS- CHAMPA_1 Total									0					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		9-Jun-20	21:11	25-Jun-20	07:32		0	0	0	370.35	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Aurangabad end at 21:21 hrs and at Solapur end at 21:35 hrs.		LVRD
		765kV AURANGABAD(PG)-SOLAPUR I Total									0					100.00%	
77	WR1_L_077	765kV AURANGABAD(PG)-SOLAPUR II	279.57	WRTS-I		1-Jun-20	00:00	8-Jun-20	06:45		0	0	0	174.75	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Solapur end at 18:20 hrs and at Aurangabad end at 17:58 hrs.		LVRD
		765kV AURANGABAD(PG)-SOLAPUR II Total									0	0	0	120.34972	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Aurangabad end at 23:57 hrs and at Solapur end at 00:28 hrs.		LVRD
		765kV AURANGABAD(PG)-SOLAPUR II Total									0					100.00%	
78	WR1_L_078	220kV KORBA(EAST)-BUDDHIPADAR III	184	WRTS-I		2-Jun-20	11:16	2-Jun-20	13:20		2.0666667	0	0	0	Line tripped at Korba end only on DT recive from Budhipadar end		OMST
						23-Jun-20	08:30	23-Jun-20	16:21		0	0	0	7.85	Emergency Line outage availed by Odisha-Proj for conductor re sagging works.		OSPD
						26-Jun-20	13:36	26-Jun-20	17:27		0	0	3.85	0	Due to heavy wind , lightning rain Line on Y ph-G fault @ 13:36Hrs with following indication. Budhipadar SS:FD-0.75kM, FC-30.204kA Korba-CSEB:FD-193.5kM,FC-1.09kA Later, line tripped from Korba end also at 14:41Hrs on Y ph-G fault with FD-169.2kM,FC-1.13kA		LNCC
		220kV KORBA(EAST)-BUDDHIPADAR III Total									2.0666667					99.71%	
79	WR1_L_079	400kV RAIPUR-RAIGARH I	217.02	WRTS-I		2-Jun-20	13:26	2-Jun-20	13:26		0	0	0	0	Line Auto Reclose successful on B-G fault. AFAS Double End Fault details from Raipur: 151.7km and 2.8kA and from Raigarh: 62.3km and 5.15kA. Fault is in Raigarh(TLM) jurisdiction. Conductor position: Bottom.		LART

SN	Unique ID of transmission Element	NAME OF LINE/ICT	Description (Length/Nos./MVA/MVAr/MW/e tc.)	Region	Type of failure	OUTAGE		RESTORATION		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Detailed Reason(s) for Outage	% Availability as certified by WRLDC	Category
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available			
						11-Jun-20	17:34	11-Jun-20	17:34		0	0	0	0	Line A/R successful at both ends on R phase to E fault. Fault details at Raipur S/S: FD-4.182km,FC-20.643KA Fault details at Raigarh S/S: FD-213.017km,FC-2.555KA Fault jurisdiction-Raipur TLM Conductor position- Bottom		LART
		400kV RAIPUR-RAIGARH I Total									0	0	0	0		100.00%	
80	WR1_L_080	400kV RAIGARH-ROURKELA II	212.46	WRTS-I												100.00%	
		400kV RAIGARH-ROURKELA II Total														100.00%	
81	WR1_L_081	400kV RAIGARH-IBEUL I	94.43	WRTS-I												100.00%	
		400kV RAIGARH-IBEUL I Total														100.00%	
82	WR1_L_082	400kV IBEUL-JHARSUGUDA I	20.03	WRTS-I												100.00%	
		400kV IBEUL-JHARSUGUDA I Total														100.00%	
83	WR1_L_083	400kV JHARSUGUDA-ROURKELA I	142.448	WRTS-I												100.00%	
		400kV JHARSUGUDA-ROURKELA I Total														100.00%	
84	WR1_L_084	400kV RANCHI-SIPAT I	405.772	WRTS-I		17-Jun-20	09:35	18-Jun-20	00:06		14.516667	0	0	0	Outage availed by ER for Replacement of flashed / Broken insulator in ER portion		OSPT
		400kV RANCHI-SIPAT I Total									14.516667					97.98%	
85	WR1_L_085	400kV RANCHI-SIPAT II	405.772	WRTS-I		15-Jun-20	07:56	15-Jun-20	10:25		0	0	2.4833333	0	Due to heavy wind and thunderstorm near Bilaspur area, line tripped on B ph to G fault. Fault details from Sipat: FD-59km and FC-3kA and Ranchi: FD-361.2km and FC-1.5kA		LNCC
		400kV RANCHI-SIPAT II Total									0	0	0	0	Line AR successfully at both ends on Y ph-G fault Ranchi SS:M1-FC-2.78kA,FD-96.9kM/M2-FC-2.8kA,FD-95.8kM AFAS-FC-2.962kA,107.8kM Sipat-NTPC: FC-1.5kA,FD-278kM Fault was in ER-1 jurisdiction.		LART
		400kV RANCHI-SIPAT II Total									0	0	0	0		100.00%	
86	WR1_L_086	400kV RAIPUR-KSK III	134.74	WRTS-I												100.00%	
		400kV RAIPUR-KSK III Total														100.00%	
87	WR1_L_087	400kV KSK-RKKML III	82.248	WRTS-I												100.00%	
		400kV KSK-RKKML III Total														100.00%	
88	WR1_L_088	400kV RKKML-RAIGARH III	3.896	WRTS-I												100.00%	
		400kV RKKML-RAIGARH III Total														100.00%	
89	WR1_L_089	400kV RAIPUR-KSK IV	161.82	WRTS-I												100.00%	
		400kV RAIPUR-KSK IV Total														100.00%	
90	WR1_L_090	400kV KSK-RAIGARH IV	113.389	WRTS-I												100.00%	
		400kV KSK-RAIGARH IV Total														100.00%	
91	WR1_L_091	400kV RAIGARH-JHARSUGUDA III	110.98	WRTS-I												100.00%	
		400kV RAIGARH-JHARSUGUDA III Total														100.00%	
92	WR1_L_092	400kV JHARSUGUDA-ROURKELA III	143.06	WRTS-I												100.00%	
		400kV JHARSUGUDA-ROURKELA III Total														100.00%	
91	WR1_L_093	400kV RAIGARH-JHARSUGUDA IV	145.5	WRTS-I		7-Jun-20	15:02	7-Jun-20	23:39		8.6166667	0	0	0	Line tripped due to failure f B Phase LA at Jharsuguda end.		SEFT

SN	Unique ID of transmission Element	NAME OF LINE/ICT	Description (Length/Nos./MVA/MVAr/MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Detailed Reason(s) for Outage	% Availability as certified by WRLDC	Category
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available			
						14-Jun-20	04:48	14-Jun-20	04:48					Line A/R successful on Y-G fault, fault details from Raigarh (AFAS): 112.1km and 3.1kA and from Sundergarh: 24.953km and 4.38kA.		LART	
		400kV RAIGARH-SUNDERGARH IV Total									8.6166667				98.80%		
94	WR1_L_094	400kV STERLITE-ROURKELA IV	104.28	WRTS-I											100.00%		
		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		27-Jun-20	12:52	27-Jun-20	14:00		0	0	1.1333333	0	Line tripped due to heavy rains, lightning and windstrom		LNCC
		765kV D'JAIGARH-RANCHI I Total									0				100.00%		
97	WR1_L_097	765kV D'JAIGARH- JHARSUGUDA I	149.789	WRTS-I		11-Jun-20	14:07	11-Jun-20	16:43		2.6	0	0	0	Line tripped due to B phase CT flashover on Main Bay (733) of 765KV Jharsuguda - 1 at Dharamjaygarh end.		SEFT
		765kV D'JAIGARH- JHARSUGUDA I Total									2.6				99.64%		
98	WR1_L_098	765kV D'JAIGARH- JHARSUGUDA II	149.789	WRTS-I		14-Jun-20	03:53	14-Jun-20	05:18		0	0	1.4166667	0	Due to heavy rains and Lightning line tripped .Fault details from Dharamjaygarh: M-1: 15km and 24kA, M-2: 14.47km and 22.97kA and from Jharsuguda: M-1: 133.8km and 3.46kA, M-2: 133km and 3.6kA. Line Reactor at Dharamjaygarh end charged at 05:43 Hrs.		LNCC
		765kV D'JAIGARH- JHARSUGUDA II Total									0				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				14-Jun-20	05:54	14-Jun-20	05:54		0	0	0	0	Line A/R successful on Y-G fault, fault details from Mapusa (AFAS): M-1: 5.325km 4.214kA, M-2: 5.27km and 4.20kA and from Kolhapur: M-1:106.8km and 2.08kA M-2: 140.2km 2.01kA,		LART
						21-Jun-20	21:37	21-Jun-20	21:37		0	0	0	0	Line A/R successful due to Y-G fault. Fault details at Kolhapur: Y-G, 2.98KA, 156km. At Mapusa: Y-G, 4.47KA, 5.2km.		LART
						23-Jun-20	09:45	23-Jun-20	18:33		0	0	8.8	0	Emergency outage availed for replacement of flashovered insulator string at location No:411 . Insulator was fshover due to vegative deposition in chowkal area.		LNCC
		400kV KOLHAPUR (GIS)-MAPUSA I Total									0				100.00%		

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						Date	Time	Date	Time		ISTS License	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available			
102	WR1_L_102	400kV KOLHAPUR (GIS)-MAPUSA II	156.039	WRTS-I		26-Jun-20	15:43	26-Jun-20	15:43		0	0	0	0	Line A/R successful at both ends on B ph-G fault Kolhapur SS:M1-93.6kM, 2.77kA/M2-101.7km,2.57kA Mapusa SS:M1-39kM, 2.7kA/M2-38.2km,2.8kA Fault was in Mapusa TLM iursidiction	100.00%	LART
		400kV KOLHAPUR (GIS)-MAPUSA II Total									0						
103	WR1_L_103	400kV WARDHA-MAUDA I	123.45	WRTS-I		19-Jun-20	18:02	19-Jun-20	18:10		0	0	0.1333333	0	Line Tripped on Over Voltage at Mauda S/S and DT received at Wardha S/S		GOVC
						19-Jun-20	18:10	20-Jun-20	11:11		0	0	0	17.016667	Line Kept Open due to high voltage at Mauda as per instrcutions of WRDLC		GOMD
		400kV WARDHA-MAUDA I Total									0					100.00%	
104	WR1_L_104	765kV D'JAIGARH-RANCHI II	354	WRTS-I													
		765kV D'JAIGARH-RANCHI II Total														100.00%	
105	WR1_L_105	400kV PUNE(GIS)-PUNE(TALEGOAN)_3	14.373	WRTS-I		3-Jun-20	16:50	3-Jun-20	18:09		0	1.3166667	0	0	Line tripped on B phase to E fault, @ Pune (GIS) end : FD-31.63Km;FC-3.9kA @ Pune (Talegaon) end : FD-31.973Km;FC-8.736kA Fault is in Adani Portion		OMSU
						30-Jun-20	10:37	30-Jun-20	17:56		7.3166667	0	0	0	For line side equipment AMP works at Talegaon end.		OSPT
		400kV PUNE(GIS)-PUNE(TALEGOAN) 3 Total									7.3166667					98.98%	
106	WR1_L_106	400kV PUNE(GIS)-PUNE(TALEGOAN)_4	14.373	WRTS-I		30-Jun-20	17:57	30-Jun-20	23:59		6.0497222	0	0	0	Line tripped due to failure of R-ph LA at Pune GIS end.		SEFT
		400kV PUNE(GIS)-PUNE(TALEGOAN) 4 Total									6.0497222					99.16%	
107	WR1_L_107	400kV AURANGABAD(MSETCL)-PUNE(GIS) I	14.387	WRTS-I													
		400kV AURANGABAD(MSETCL)-PUNE(GIS) I Total														100.00%	
108	WR1_L_108	400kV AURANGABAD(MSETCL)-PUNE(GIS) II	14.387	WRTS-I		21-Jun-20	18:59	21-Jun-20	20:48		1.8166667	0	0	0	Emergency outage availed for attending SF6 Low alarm in 411 line bay at Pune GIS.		OMST
		400kV AURANGABAD(MSETCL)-PUNE(GIS) II Total									1.8166667					99.75%	
109	WR1_L_109	400kV RAIPUR-RAIGARH II	217.02	WRTS-I		12-Jun-20	20:29	12-Jun-20	20:29		0	0	0	0	Line A/R successful at both ends onB- phase to E fault. @ Raipur : FD-51.807 km,FC-5.977KA @ Raigarh SS : FD- 148.08 Km,FC- 2.95KA		LART
						17-Jun-20	11:25	17-Jun-20	20:38		9.2166667	0	0	0	Emergency outage availed for replacement of B-ph CVT at Raipur end.		OSFT

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						Date	Time	Date	Time		ISTS License	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available			
						27-Jun-20	19:11	27-Jun-20	20:07		0	0	0.9333333	0	Due to heavy wind & thunderstorm along with heavy rain leads to line tripping on Rph-G fault. Raipur SS:M1-FC-11.14kA,FD-22.89kM/M2-FC-10.4kA,FD-23kM Raigarh SS: M1-FC-2.5kA,FD-152.9kM/M2-FC-2.3kA,FD-197.5kM AFAS-M1-FC-2.278kA,FD-196.4kM/M2-FC-2.28kA,FD-197.5kM		LNCC
		400kV RAIPUR-RAIGARH II Total									9.2166667				98.72%		
110	WR1_L_110	400kV LARA(NTPC)-KOTRA PS I	17.999	WRTS-I											100.00%		
		400kV LARA(NTPC)-KOTRA PS I Total															
111	WR1_L_111	400kV LARA(NTPC)-KOTRA PS II	17.999	WRTS-I											100.00%		
		400kV LARA(NTPC)-KOTRA PS II Total													100.00%		
						25-Jun-20	16:24	25-Jun-20	18:56					Emergency outage availed by WR-2 for attending hotspots at SGTPS, Birsinghpur end.		OSFT	
112	WR1_L_112	400kV KORBA-BIRSINGHPUR_2	226.642	WRTS-I							2.5333333	0	0	0			
		400kV KORBA-BIRSINGHPUR_2 Total									2.5333333				99.65%		
						23-Jun-20	09:41	23-Jun-20	20:25					For retrofitting of numerical relay(P141) in place of electromechanical/static REF relays to avoid mal-operation of ICTs during Powerswing faults.		LCSD	
113	WR1_T_001	ICT1_400/220kv_RAIPUR	315	WRTS-I							0	0	0	10.7333333			
		ICT1_400/220kv_RAIPUR Total									0				100.00%		
114	WR1_T_002	ICT2_400/220kv_RAIPUR	315	WRTS-I											100.00%		
		ICT2_400/220kv_RAIPUR Total													100.00%		
115	WR1_T_003	ICT1_400/220kv_MAPUSA	315	WRTS-I											100.00%		
		ICT1_400/220kv_MAPUSA Total													100.00%		
116	WR1_T_004	ICT2_400/220kv_MAPUSA	315	WRTS-I											100.00%		
		ICT2_400/220kv_MAPUSA Total													100.00%		
117	WR1_T_005	ICT1_400/220kv_BAHATAPARA	315	WRTS-I											100.00%		
		ICT1_400/220kv_BAHATAPARA Total													100.00%		
118	WR1_T_006	ICT1_400/220kv_RAIGARH	315	WRTS-I											100.00%		
		ICT1_400/220kv_RAIGARH Total													100.00%		
119	WR1_T_007	ICT2_400/220kv_RAIGARH	315	WRTS-I											100.00%		
		ICT2_400/220kv_RAIGARH Total													100.00%		
120	WR1_T_008	ICT1_765/400kv_SEONI	1500	WRTS-I											100.00%		
		ICT1_765/400kv_SEONI Total													100.00%		
121	WR1_T_009	ICT2_765/400kv_SEONI	1500	WRTS-I											100.00%		
		ICT2_765/400kv_SEONI Total													100.00%		
122	WR1_T_010	ICT3_765/400kv_SEONI	1500	WRTS-I											100.00%		
		ICT3_765/400kv_SEONI Total													100.00%		
123	WR1_T_011	ICT1_400/220kv_SEONI	315	WRTS-I											100.00%		
		ICT1_400/220kv_SEONI Total													100.00%		
124	WR1_T_012	ICT1_765/400kv_WARDHA	1500	WRTS-I											100.00%		
		ICT1_765/400kv_WARDHA Total													100.00%		
125	WR1_T_013	ICT2_765/400kv_WARDHA	1500	WRTS-I		1-Jun-20	14:42	1-Jun-20	19:22		4.6666667	0	0	0	Emergency outage availed to attend Oil leakage in NCT		OSFT
						22-Jun-20	10:15	22-Jun-20	21:07		10.8666667	0	0	0	For ICT AMP works		OSPT
		ICT2_765/400kv_WARDHA Total									15.5333333				97.84%		

SN	Unique ID of transmission Element	NAME OF LINE/ICT	Description (Length/Nos./MVA/MVAr/MW/e tc.)	Region	Type of failure	OUTAGE		RESTORATION		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Detailed Reason(s) for Outage	% Availability as certified by WRLDC	Category
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available			
126	WR1_T_014	ICT3_765/400kv_WARDHA ICT3_765/400kv_WARDHA Total	1500	WRTS-I		29-Jun-20	09:59	30-Jun-20	06:28		0	0	0	20.483333	BHEL Spare ICT to be connected newly with Existing ICT.	100.00%	LCS
127	WR1_T_015	ICT1_765/400kv_BILASPUR ICT1_765/400kv_BILASPUR Total	1500	WRTS-I		8-Jun-20	09:03	8-Jun-20	20:13		11.166667	0	0	0	For AMP works	98.45%	OSPT
128	WR1_T_016	ICT2_765/400kv_BILASPUR ICT2_765/400kv_BILASPUR Total	1500	WRTS-I		10-Jun-20	10:44	10-Jun-20	20:34		9.833333	0	0	0	For AMP works.	98.63%	OSPT
129	WR1_T_017	ICT2_400/220kv_BAHATAPARA ICT2_400/220kv_BAHATAPARA Total	315	WRTS-I												100.00%	
130	WR1_T_018	ICT2_400/220kv_SEONI ICT2_400/220kv_SEONI Total	315	WRTS-I												100.00%	
131	WR1_T_019	ICT3_400/220kv_RAIPUR ICT3_400/220kv_RAIPUR Total	315	WRTS-I		29-Jun-20	09:40	29-Jun-20	21:53		0	0	0	12.216667	For retrofitting of numerical relay(P141) in place of electromechanical/static REF relaus to avoid mal-operation of ICTs during Powerswing faults.	100.00%	LCS
132	WR1_T_020	ICT1_400/220kv_WARDHA ICT1_400/220kv_WARDHA Total	315	WRTS-I							0					100.00%	
133	WR1_T_021	ICT2_400/220kv_WARDHA ICT2_400/220kv_WARDHA Total	315	WRTS-I												100.00%	
134	WR1_T_022	ICT3_400/220kv_SOLAPUR ICT3_400/220kv_SOLAPUR Total	500	WRTS-I												100.00%	
135	WR1_T_023	ICT1_400/220kv_SOLAPUR ICT1_400/220kv_SOLAPUR Total	315	WRTS-I												100.00%	
136	WR1_T_024	ICT2_400/220kv_SOLAPUR ICT2_400/220kv_SOLAPUR Total	315	WRTS-I												100.00%	
137	WR1_T_025	ICT1_400/220kv_PUNE ICT1_400/220kv_PUNE Total	315	WRTS-I												100.00%	
138	WR1_T_026	ICT2_400/220kv_PUNE ICT2_400/220kv_PUNE Total	315	WRTS-I												100.00%	
139	WR1_T_027	ICT3_400/220kv_PUNE ICT3_400/220kv_PUNE Total	315	WRTS-I												100.00%	
140	WR1_T_028	ICT3_765/400kv_BILASPUR ICT3_765/400kv_BILASPUR Total	1500	WRTS-I		26-Jun-20	09:28	26-Jun-20	20:09		10.683333	0	0	0	For AMP works	98.52%	OSPT
141	WR1_T_029	ICT1_765/400kv_KOTRA PS ICT1_765/400kv_KOTRA PS Total	1500	WRTS-I		8-Jun-20	09:35	8-Jun-20	18:41		9.1	0	0	0	For AMP works	98.74%	OSPT
142	WR1_T_030	ICT2_765/400kv_KOTRA PS ICT2_765/400kv_KOTRA PS Total	1500	WRTS-I							9.1					100.00%	
143	WR1_T_031	ICT4_765/400kv_KOTRA PS ICT4_765/400kv_KOTRA PS Total	1500	WRTS-I												100.00%	
144	WR1_T_032	ICT3_400/220kv_MAPUSA ICT3_400/220kv_MAPUSA Total	315	WRTS-I												100.00%	
145	WR1_T_033	ICT1_765/400kv_TAMNAR PS ICT1_765/400kv_TAMNAR PS Total	1500	WRTS-I												100.00%	
146	WR1_T_034	ICT2_765/400kv_TAMNAR PS ICT2_765/400kv_TAMNAR PS Total	1500	WRTS-I												100.00%	
147	WR1_T_035	ICT1_765/400kv_DURG PS ICT1_765/400kv_DURG PS Total	1500	WRTS-I		1-Jun-20	10:18	1-Jun-20	17:37		7.3166667	0	0	0	TAKING SP-PH IN PLACE OF B-PHASE FOR ATTENDING MAIN TANK TOP - OIL LEAKAGE ARREST WORK	98.98%	OSPT
148	WR1_T_036	ICT1_765/400kv_SOLAPUR ICT1_765/400kv_SOLAPUR Total	1500	WRTS-I							7.3166667					100.00%	
149	WR1_T_037	ICT2_765/400kv_SOLAPUR ICT2_765/400kv_SOLAPUR Total	1500	WRTS-I												100.00%	

SN	Unique ID of transmission Element	NAME OF LINE/ICT	Description (Length/Nos./MVA/MVAr/MW/e tc.)	Region	Type of failure	OUTAGE		RESTORATION		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Detailed Reason(s) for Outage	% Availability as certified by WRLDC	Category
						Date	Time	Date	Time		ISTS License	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available			
150	WR1_T_038	ICT1_400/200kv_AURANGABAD ICT1_400/200kv_AURANGABAD Total	315	WRTS-I													100.00%
151	WR1_T_039	ICT2_400/200kv_AURANGABAD ICT2_400/200kv_AURANGABAD Total	315	WRTS-I													100.00%
152	WR1_T_040	ICT2_765/400kv_AURANGABAD ICT2_765/400kv_AURANGABAD Total	1500	WRTS-I													100.00%
153	WR1_T_041	ICT3_765/400kv_TAMNAR PS ICT3_765/400kv_TAMNAR PS Total	1500	WRTS-I													100.00%
154	WR1_T_042	ICT3_765/400kv_KOTRA PS ICT3_765/400kv_KOTRA PS Total	1500	WRTS-I		20-Jun-20	07:15	20-Jun-20	11:57		4.7	0	0	0	ICT tripped on Y phase PRV-01 Trip		SICT
						20-Jun-20	11:59	20-Jun-20	13:24						Emergency H/T locally due to sparking observed in 419 89T Y-ph Isolator during normalisation of ICT.		OSFT
											1.4166667	0	0	0			99.15%
											6.1166667						
155	WR1_T_043	ICT1_765/400kv_AURANGABAD ICT1_765/400kv_AURANGABAD Total	1500	WRTS-I		23-Jun-20	13:09	23-Jun-20	18:23						Emergency outage availed for arresting of heavy oil leakage B-ph Radiator.		OSFT
											5.2333333	0	0	0			99.27%
											5.2333333						
156	WR1_T_044	ICT2_765/400kv_D'JAIGARH ICT2_765/400kv_D'JAIGARH Total	1500	WRTS-I													100.00%
157	WR1_T_045	ICT1_765/400kv_D'JAIGARH ICT1_765/400kv_D'JAIGARH Total	1500	WRTS-I													100.00%
158	WR1_T_046	ICT1_400/200kv_BHADRAWATI ICT1_400/200kv_BHADRAWATI Total	315	WRTS-I													100.00%
159	WR1_T_047	ICT1_765/400kv_PUNE(GIS) ICT1_765/400kv_PUNE(GIS) Total	1500	WRTS-I		30-Jun-20	11:03	30-Jun-20	21:04		10.016667	0	0	0	For AMP works.		OSPT
											10.016667						98.61%
160	WR1_T_048	ICT2_765/400kv_PUNE(GIS) ICT2_765/400kv_PUNE(GIS) Total	1500	WRTS-I		25-Jun-20	10:19	25-Jun-20	21:03		10.733333	0	0	0	For AMP works		OSPT
											10.733333						98.51%
161	WR1_T_049	ICT1_765/400kv_CHAMPA ICT1_765/400kv_CHAMPA Total	1500	WRTS-I													100.00%
162	WR1_T_050	ICT2_765/400kv_CHAMPA ICT2_765/400kv_CHAMPA Total	1500	WRTS-I													100.00%
163	WR1_R_001	BUS REACTOR_400kv_63MVAR_RAIGARH BUS REACTOR_400kv_63MVAR_RAIGARH Total	63	WRTS-I													100.00%
164	WR1_R_002	BUS REACTOR_765kv_240MVAR_SEONI BUS REACTOR_765kv_240MVAR_SEONI Total	240	WRTS-I													100.00%
165	WR1_R_003	SWITCHABLE_LR_400kv_KORBA_3_RAIPUR SWITCHABLE_LR_400kv_KORBA_3_RAIPUR Total	50	WRTS-I													100.00%
166	WR1_R_004	BUS REACTOR_400kv_50MVAR_WARDHA BUS REACTOR_400kv_50MVAR_WARDHA Total	50	WRTS-I													100.00%
167	WR1_R_005	BUS REACTOR_400kv_63MVAR_SOLAPUR BUS REACTOR_400kv_63MVAR_SOLAPUR Total	63	WRTS-I		9-Jun-20	05:47	9-Jun-20	18:53		0	0	0	13.1	BR H/T as per WRLDC instructions for Voltage Regulation .		SVRD
						10-Jun-20	05:48	10-Jun-20	18:04		0	0	0	12.266667	BR H/T as per WRLDC instructions for Voltage Regulation .		SVRD
						23-Jun-20	06:34	23-Jun-20	18:00		0	0	0	11.433333	BR H/T as per WRLDC instructions for Voltage Regulation .		SVRD
											0						100.00%
168	WR1_R_006	BUS REACTOR_400kv_63MVAR_PARLI BUS REACTOR_400kv_63MVAR_PARLI Total	63	WRTS-I													100.00%
169	WR1_R_007	BUS REACTOR_400kv_50MVAR_PUNE BUS REACTOR_400kv_50MVAR_PUNE Total	50	WRTS-I													100.00%
170	WR1_R_008	BUS REACTOR_765kv_240MVAR_WARDHA BUS REACTOR_765kv_240MVAR_WARDHA Total	240	WRTS-I													100.00%
171	WR1_R_009	BUS REACTOR_765kv_240MVAR_BILASPUR BUS REACTOR_765kv_240MVAR_BILASPUR Total	240	WRTS-I													100.00%

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						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available				
172	WR1_R_010	SWITCHABLE LR_765kV_BINA_SEONI	240	WRTS-I														
		SWITCHABLE LR_765kV_BINA_SEONI Total															100.00%	
173	WR1_R_011	SWITCHABLE LR_765kV_SEONI_1_BILASPUR	240	WRTS-I														
		SWITCHABLE LR_765kV_SEONI_1_BILASPUR Total															100.00%	
174	WR1_R_012	SWITCHABLE LR_765kV_SEONI_2_BILASPUR	240	WRTS-I														
		SWITCHABLE LR_765kV_SEONI_2_BILASPUR Total															100.00%	
175	WR1_R_013	SWITCHABLE LR_765kV_D'GARH_BILASPUR	240	WRTS-I														
		SWITCHABLE LR_765kV_D'GARH_BILASPUR Total															100.00%	
176	WR1_R_014	BUS REACTOR_765kV_240MVAR_KOTRA PS	240	WRTS-I														
		BUS REACTOR_765kV_240MVAR_KOTRA PS Total															100.00%	
177	WR1_R_015	BUS REACTOR_400kV_80MVAR_KOTRA PS	80	WRTS-I														
		BUS REACTOR_400kV_80MVAR_KOTRA PS Total															100.00%	
178	WR1_R_016	SWITCHABLE LR_765kV_DURG_1_KOTRA PS	240	WRTS-I		2-Jun-20	14:02	2-Jun-20	15:28		0	1.4333333	0	0			Fault details from Durg: 215.87km and 4.08kA and from Kotra: 24.7km and 10.13kA. SLR at Kotra opened on ferro resonance. SLR at 765kV Kotra has been chrged at 15:28 Hrs.	OMSU
		SWITCHABLE LR_765kV_DURG_1_KOTRA PS Total									0	0.7833333	0	0			SLR at Kotra opened during A/R operaton as per scheme implemented for ferro resonance.	OMSU
179	WR1_R_017	BUS REACTOR_400kV_50MVAR_BHADRAWATI	50	WRTS-I														
		BUS REACTOR_400kV_50MVAR_BHADRAWATI Total															100.00%	
180	WR1_R_018	BUS REACTOR_400kV_80MVAR_RAIPUR	80	WRTS-I														
		BUS REACTOR_400kV_80MVAR_RAIPUR Total															100.00%	
181	WR1_R_019	BUS REACTOR_400kV_50MVAR_MAPUSA	50	WRTS-I														
		BUS REACTOR_400kV_50MVAR_MAPUSA Total															100.00%	
182	WR1_R_020	BUS REACTOR_400kV_80MVAR_KOLHAPUR	80	WRTS-I		11-Jun-20	10:16	11-Jun-20	18:07		0	0	0	7.85			BR H/T as per WRLDC instructions for Voltage Regulation.	SVRD
						12-Jun-20	10:42	12-Jun-20	16:21		0	0	0	5.65			BR H/T as per WRLDC instructions for Voltage Regulation .	SVRD
						24-Jun-20	09:14	24-Jun-20	17:03		0	0	0	7.8166667			BR H/T as per WRLDC instructions for Voltage Regulation.	SVRD
						25-Jun-20	10:27	25-Jun-20	17:15		0	0	0	6.8			BR H/T as per WRLDC instructions for Voltage Regulation.	SVRD
						26-Jun-20	08:59	26-Jun-20	16:40		0	0	0	7.6833333			BR H/T as per WRLDC instructions for Voltage Regulation	SVRD
		BUS REACTOR_400kV_80MVAR_KOLHAPUR Total									0						100.00%	
183	WR1_R_021	SWITCHABLE LR_765kV_DURG_2_KOTRA PS	240	WRTS-I														
		SWITCHABLE LR_765kV_DURG_2_KOTRA PS Total															100.00%	
184	WR1_R_022	BUS REACTOR_765kV_240MVAR_TAMNAR PS	240	WRTS-I														
		BUS REACTOR_765kV_240MVAR_TAMNAR PS Total															100.00%	
185	WR1_R_023	BUS REACTOR_765kV_240MVAR_DURG PS	240	WRTS-I														
		BUS REACTOR_765kV_240MVAR_DURG PS Total															100.00%	
186	WR1_R_024	BUS REACTOR_765kV_240MVAR_SOLAPUR	240	WRTS-I														
		BUS REACTOR_765kV_240MVAR_SOLAPUR Total															100.00%	
187	WR1_R_027	SWITCHABLE LR_765kV_A'BAD_1_WARDHA	330	WRTS-I														
		SWITCHABLE LR_765kV_A'BAD_1_WARDHA Total															100.00%	
188	WR1_R_028	SWITCHABLE LR_765kV_A'BAD_2_WARDHA	330	WRTS-I		2-Jun-20	11:29	2-Jun-20	17:36		6.1166667	0	0	0			Emergency outage availed to replace dropper connector at Wardha SS	OSFT

SN	Unique ID of transmission Element	NAME OF LINE/ICT	Description (Length/Nos./MVA/MVAR/MW/e tc.)	Region	Type of failure	OUTAGE		RESTORATION		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Detailed Reason(s) for Outage	% Availability as certified by WRLDC	Category
						Date	Time	Date	Time		ISTS License	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available			
						12-Jun-20	14:24	12-Jun-20	18:06					Emergency outage availed for swapping of B phase reactor with spare unit due to continuous rise of dissolved gases		OSFT	
		SWITCHABLE LR_765kV_ABAD 2_WARDHA Total									3.7	0	0	0			
		SWITCHABLE LR_765kV_PUNE(GIS)_SOLAPUR	240	WRTS-I							9.8166667					98.64%	
		SWITCHABLE LR_765kV_PUNE(GIS)_SOLAPUR Total														100.00%	
191	WR1_R_030	SWITCHABLE LR_765kV_WARDHA 2_SEONI	240	WRTS-I												100.00%	
		SWITCHABLE LR_765kV_WARDHA 2_SEONI Total														100.00%	
192	WR1_R_031	BUS REACTOR 1_765kV_330MVAR_DJAIGARH	330	WRTS-I		9-Jun-20	09:21	9-Jun-20	19:53		10.5333333	0	0	0	For AMP works	OSPT	
		BUS REACTOR 1_765kV_330MVAR_DJAIGARH Total									10.5333333					98.54%	
193	WR1_R_032	BUS REACTOR 2_765kV_330MVAR_DJAIGARH	330	WRTS-I												100.00%	
		BUS REACTOR 2_765kV_330MVAR_DJAIGARH Total														100.00%	
194	WR1_R_033	BUS REACTOR_765kV_240MVAR_AURANGABAD	240	WRTS-I												100.00%	
		BUS REACTOR_765kV_240MVAR_AURANGABAD Total														100.00%	
195	WR1_R_034	BUS REACTOR_400kV_125MVAR_AURANGABAD	125	WRTS-I												100.00%	
		BUS REACTOR_400kV_125MVAR_AURANGABAD Total														100.00%	
196	WR1_R_035	SWITCHABLE LR_765kV_CHAMPA 1_DURG PS	240	WRTS-I												100.00%	
		SWITCHABLE LR_765kV_CHAMPA 1_DURG PS Total														100.00%	
197	WR1_R_036	BUS REACTOR_400kV_125MVAR_BHATAPARA	125	WRTS-I												100.00%	
		BUS REACTOR_400kV_125MVAR_BHATAPARA Total														100.00%	
198	WR1_R_037	SWITCHABLE LR_765kV_WARDHA 1_SEONI	240	WRTS-I												100.00%	
		SWITCHABLE LR_765kV_WARDHA 1_SEONI Total														100.00%	
199	WR1_R_038	BUS REACTOR_400kV_125MVAR_RAIGARH	125	WRTS-I												100.00%	
		BUS REACTOR_400kV_125MVAR_RAIGARH Total														100.00%	
200	WR1_R_039	SWITCHABLE LR_765kV_PADGHE1_AURANGABAD	240	WRTS-I												100.00%	
		SWITCHABLE LR_765kV_PADGHE1_AURANGABAD Total														100.00%	
201	WR1_R_040	SWITCHABLE LR_765kV_PADGHE2_AURANGABAD	240	WRTS-I												100.00%	
		SWITCHABLE LR_765kV_PADGHE2_AURANGABAD Total														100.00%	
202	WR1_R_041	SWITCHABLE LR_765kV_WARDHA 1_DURG PS	240	WRTS-I												100.00%	
		SWITCHABLE LR_765kV_WARDHA 1_DURG PS Total														100.00%	
203	WR1_R_042	SWITCHABLE LR_765kV_WARDHA 2_DURG PS	240	WRTS-I												100.00%	
		SWITCHABLE LR_765kV_WARDHA 2_DURG PS Total														100.00%	
204	WR1_R_043	SWITCHABLE LR_400kV_BOISAR2_AURANGABAD	80	WRTS-I												100.00%	
		SWITCHABLE LR_400kV_BOISAR2_AURANGABAD Total														100.00%	
205	WR1_R_044	SWITCHABLE LR_400kV_BOISAR1_AURANGABAD	80	WRTS-I												100.00%	
		SWITCHABLE LR_400kV_BOISAR1_AURANGABAD Total														100.00%	
206	WR1_R_045	BUS REACTOR_400kV_125MVAR_RAIPUR	125	WRTS-I		9-Jun-20	10:12	9-Jun-20	19:00		8.8	0	0	0	Outage availed on 400kV BR#02 for AMP works	OSPT	
		BUS REACTOR_400kV_125MVAR_RAIPUR Total									8.8					98.78%	
207	WR1_R_046	BUS REACTOR_765kV_330MVAR_WARDHA	330	WRTS-I												100.00%	
		BUS REACTOR_765kV_330MVAR_WARDHA Total														100.00%	
208	WR1_R_047	SWITCHABLE LR_400kV_KARAD_SOLAPUR	80	WRTS-I												100.00%	
		SWITCHABLE LR_400kV_KARAD_SOLAPUR Total														100.00%	
209	WR1_R_048	BUS REACTOR_400kV_125MVAR_SEONI	125	WRTS-I												100.00%	
		BUS REACTOR_400kV_125MVAR_SEONI Total														100.00%	
210	WR1_R_049	SWITCHABLE LR_400kV_PUNE(GIS) 1_PUNE	50	WRTS-I												100.00%	
		SWITCHABLE LR_400kV_PUNE(GIS) 1_PUNE Total														100.00%	
211	WR1_R_050	SWITCHABLE LR_400kV_PUNE(GIS) 2_PUNE	50	WRTS-I												100.00%	
		SWITCHABLE LR_400kV_PUNE(GIS) 2_PUNE Total														100.00%	
212	WR1_R_051	SWITCHABLE LR_400kV_PUNE(GIS) 3_PUNE	50	WRTS-I												100.00%	
		SWITCHABLE LR_400kV_PUNE(GIS) 3_PUNE Total														100.00%	
213	WR1_R_052	SWITCHABLE LR_400kV_PUNE(GIS) 4_PUNE	50	WRTS-I												100.00%	
		SWITCHABLE LR_400kV_PUNE(GIS) 4_PUNE Total														100.00%	
214	WR1_R_053	BUS REACTOR_400kV_125MVAR_PARLI	125	WRTS-I												100.00%	
		BUS REACTOR_400kV_125MVAR_PARLI Total														100.00%	
215	WR1_R_054	BUS REACTOR_765kV_240MVAR_PUNE(GIS)	240	WRTS-I												100.00%	
		BUS REACTOR_765kV_240MVAR_PUNE(GIS) Total														100.00%	
216	WR1_R_055	SWITCHABLE LR_765kV_SOLAPUR_PUNE(GIS)	240	WRTS-I												100.00%	

SN	Unique ID of transmission Element	NAME OF LINE/ICT	Description (Length/Nos./MVA/MVAR/MW/e tc.)	Region	Type of failure	OUTAGE		RESTORATION		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Detailed Reason(s) for Outage	% Availability as certified by WRLDC	Category
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available			
		SWITCHABLE LR_765kV_SOLAPUR_PUNE(GIS) Total													100.00%		
217	WR1_R_056	BUS REACTOR_400kV_80MVAR_DHULE	80	WRTS-I		14-Jun-20	18:02	14-Jun-20	20:36		0	2.5666667	0	0	B/R tripped due to tripping of both Bus I& II due to failure of Bus-2 B-ph PT at Dhule end.		OMSU
		BUS REACTOR 400kV 80MVAR DHULE Total									0				100.00%		
218	WR1_R_057	SWITCHABLE LR_765kV_ABAD 3_WARDHA	330	WRTS-I													
		SWITCHABLE LR_765kV_ABAD 3_WARDHA Total													100.00%		
219	WR1_R_058	SWITCHABLE LR_765kV_ABAD 4_WARDHA	330	WRTS-I													
		SWITCHABLE LR_765kV_ABAD 4_WARDHA Total													100.00%		
220	WR1_R_059	SWITCHABLE LR_765kV_JABALPUR 3_D'JAIGARH	330	WRTS-I													
		SWITCHABLE LR_765kV_JABALPUR 3_D'JAIGARH Total													100.00%		
221	WR1_R_060	SWITCHABLE LR_765kV_JABALPUR 4_D'JAIGARH	330	WRTS-I													
		SWITCHABLE LR_765kV_JABALPUR 4_D'JAIGARH 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_D'JAIGARH	330	WRTS-I													
		SWITCHABLE LR_765kV_JABALPUR 2_D'JAIGARH Total													100.00%		
225	WR1_R_064	SWITCHABLE LR_765kV_JABALPUR 1_D'JAIGARH	330	WRTS-I													
		SWITCHABLE LR_765kV_JABALPUR 1_D'JAIGARH Total													100.00%		
226	WR1_R_065	BUS REACTOR_125MVAR_AT_KOLHAPUR(GIS)	125	WRTS-I													
		BUS REACTOR 125MVAR AT KOLHAPUR(GIS) Total													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_D'JAIGARH	330	WRTS-I													
		SWITCHABLE LR_JHARSUGUDA1_D'JAIGARH Total													100.00%		
232	WR1_R_071	SWITCHABLE LR_JHARSUGUDA2_D'JAIGARH	330	WRTS-I													
		SWITCHABLE LR_JHARSUGUDA2_D'JAIGARH Total													100.00%		
233	WR1_P_001	HVDC_POLE1_BHADRAWATI	500	WRTS-I													
		HVDC_POLE1_BHADRAWATI Total													100.00%		
234	WR1_P_002	HVDC_POLE2_BHADRAWATI	500	WRTS-I													
		HVDC_POLE2_BHADRAWATI Total													100.00%		
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		14-Jun-20	01:50	14-Jun-20	05:54		0	0	4.0666667	0	Due to heavy wind and thunderstorm line tripped. Details from Raigarh: 107.47km and 3.19kA and from Sundergarh: 2.52km and 42.3kA. Fault is under Jharsuguda jurisdiction.		LNCC
		400kV RAIGARH-JHARSUGUDA I Total									0				100.00%		
238	WR1_L_114	400kV RAIPUR-RAIGARH III	217.02	WRTS-I		2-Jun-20	06:52	2-Jun-20	20:08		13.266667	0	0	0	Emergency outage availed to replace one number jumper pad of Top (R) phase at location no. 433. A/R of ckt-4 has been put in Non-Auto mode for safety reason.		OSFT
		400kV RAIPUR-RAIGARH III Total									13.266667				98.16%		

SN	Unique ID of transmission Element	NAME OF LINE/ICT	Description (Length/Nos./MVA/MVAr/MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Detailed Reason(s) for Outage	% Availability as certified by WRLDC	Category
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available			
239	WR1_L_115	765kV DURG PS- CHAMPA_2	149.15	WRTS-I		2-Jun-20	11:29	2-Jun-20	11:29		0	0	0	0	Line A/R successful on Bph -G fault at both ends Champa SS: M1-FD-119.5kM;FC5.48kA and M2-FD-104.9kM;FC-5.09kA Durg SS: M1-FD-34.8kM;FC-10.2kA and M2-FD-36.8kM;FC-11kA. Fault is in Raipur(TLM) jurisdiction. Conductor position: Top.		LART
						29-Jun-20	10:11	29-Jun-20	19:18		9.1166667	0	0	0	Emergency outage availed by Bhatapra TLM for attending jumper rectification at location.119		OSFT
		765kV DURG PS- CHAMPA_2 Total									9.1166667					98.73%	
240	WR1_L_116	765kV DURG PS -WARDHA_3	357.27	WRTS-I		9-Jun-20	19:03	30-Jun-20	23:59		0	0	0	508.94972	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Durg end at 21:02 hrs.		LVRD
		765kV DURG PS -WARDHA_3 Total									0					100.00%	
241	WR1_L_117	765kV DURG PS -WARDHA_4	357.27	WRTS-I		1-Jun-20	00:00	9-Jun-20	11:02		0	0	0	203.03333	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Durg end at 16:58 hrs.		LVRD
		765kV DURG PS -WARDHA_4 Total									0					100.00%	
242	WR1_T_052	ICT6_765/400kv_CHAMPA	1500	WRTS-I												100.00%	
		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												100.00%	
		ICT3_765/400kv_CHAMPA Total														100.00%	
245	WR1_L_118	400kV KORBA-BIRSINGHPUR_1	226.642	WRTS-I												100.00%	
		400kV KORBA-BIRSINGHPUR_2 Total														100.00%	
246	WR1_T_053	ICT2_765/400kv_DURG PS	1500	WRTS-I												100.00%	
		ICT2_765/400kv_DURG PS Total														100.00%	
247	WR1_T_054	ICT4_765/400kv_TAMNAR PS	1500	WRTS-I												100.00%	
		ICT4_765/400kv_TAMNAR PS Total														100.00%	
248	WR1_R_072	SWITCHABLE LR_765kV_WARDHA 4_DURG PS	240	WRTS-I												100.00%	
		SWITCHABLE LR_765kV_WARDHA 4_DURG PS Total														100.00%	
249	WR1_L_118	400kV LARA(NTPC)-CHAMPA I	113.527	WRTS-I		22-Jun-20	14:02	22-Jun-20	14:02		0	0	0	0	Line A/R succesful on B-G fault. At Champa: B-G, 4.6km, 35KA. At Lara(NTPC): B-G, 104km, 0.34KA. During A/R operation, Main Bay (454) is opened at Champa end and is closed with WRLDC code.		LART
		400kV LARA(NTPC)-CHAMPA I Total									0					100.00%	
250	WR1_L_119	400kV LARA(NTPC)-CHAMPA II	113.527	WRTS-I		24-Jun-20	09:37	24-Jun-20	18:54		9.2833333	0	0	0	Rectification of Tie Bay-452 Isolators & For line AMP works 400KV-LARA-CHAMPA 1 AR- to be keep in non auto mode for safety measures.		OSPT
						24-Jun-20	18:54	24-Jun-20	20:55		0	2.0166667	0	0	Line charging delayed by NTPC Lara		OMSU

SN	Unique ID of transmission Element	NAME OF LINE/ICT	Description (Length/Nos./MVA/MVAr/MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Detailed Reason(s) for Outage	% Availability as certified by WRLDC	Category
						Date	Time	Date	Time		ISTS License	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available			
		400kV LARA(NTPC)-CHAMPA II Total									9.2833333					98.71%	
251	WR1_L_120	400kV RAIPUR-RAIGARH IV	217.02	WRTS-I		3-Jun-20	13:14	3-Jun-20	13:14		0	0	0	0	Line A/R succesful at both ends on B phase to E fault. @ Raipur S/S: FD-70.67;FC-4.19kA; @ Raigarh S/S:FD-149.829;FC-3.104 Fault jursidiction-Bhatapara TLM, Conductor position-Top		LART
						20-Jun-20	09:10	20-Jun-20	18:41		9.5166667	0	0	0	For line AMP works & 400kV Raigarh-Raipur - III AR to be kept in Non-Auto mode for safety precautions		OSPT
						27-Jun-20	15:37	27-Jun-20	15:37		0	0	0	0	Line AR succesfully at both ends on B ph-G fault Raipur SS:M1-FC-.14kA,FD-48.35kM/M2-FC-5.94kA,FD-47.8kM AFAS-Not triggered Raigarh SS: M1-FC-2.348kA,FD-187.1kM/M2-FC-1.824kA,FD-181.2kM AFAS-M1-FC-2.375kA,FD-194.7kM/M2-FC-2.375kA,FD-178.8kM Fault was in Raipur TLM jursidiction.		LART
		400kV RAIPUR-RAIGARH IV Total									9.5166667					98.68%	
252	WR1_L_121	400Kv SOLAPUR(NTPC)-SOLAPUR(PG)_3	11.2	WRTS-I													
		400Kv SOLAPUR(NTPC)-SOLAPUR(PG)_3 Total														100.00%	
253	WR1_L_122	400Kv SOLAPUR(NTPC)-SOLAPUR(PG)_4	11.2	WRTS-I													
		400Kv SOLAPUR(NTPC)-SOLAPUR(PG)_4 Total														100.00%	
254	WR1_L_0123	400kV RAIGARH-JHARSUGUDA II	110.98	WRTS-I													
		400kV RAIGARH-SUNDERGARH II Total														100.00%	
255	WR1_T_124	765kV AURANGABAD(PG)-PADGHE(GIS) I	284.816	WRTS-I													
		765kV AURANGABAD(PG)-PADGHE(GIS) I Total														100.00%	
256	WR1_T_125	765kV AURANGABAD(PG)-PADGHE(GIS) II	284.816	WRTS-I		3-Jun-20	16:11	3-Jun-20	16:11		0	0	0	0	Line A/R succesful at both ends on R phase to E fault. @ Aurangabd end : FD-206Km;FC-3.643kA @ Padghe end :FD-60.4Km;FC-2.14kA Fault jursidiction-Padghe TLM		LART
						12-Jun-20	17:56	15-Jun-20	11:21		0	0	0	65.416667	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Aurangabad end at 18:25 hrs.		LVRD
						25-Jun-20	02:44	25-Jun-20	02:44		0	0	0	0	Line A/R successful due to Y-G fault. Fault details at Aurangabad: AFAS-M1-FD-7.868km,FC-16.15KA & M2-FD-7.78km,FC-18.92KA At Padghe SS: M1-FD-286km,FC-1.69KA & M2-FD-305.8km,FC-1.66KA Conductor position-Top		LART
											0	0	0	0			

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						Date	Time	Date	Time		ISTS License	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available			
		765kV AURANGABAD(PG)-PADGHE(GIS) II Total									0					100.00%	
257	WR1_T_055	ICT2_765/400kv_PADGHE(GIS)	1500	WRTS-I												100.00%	
		ICT2_765/400kv_PADGHE(GIS) Total														100.00%	
258	WR1_R_054	BUS REACTOR_765kV_240MVAR_PADGHE(GIS)	240	WRTS-I													
		BUS REACTOR_765kV_240MVAR_PADGHE(GIS) TOTAL															
259	WR1_R_055	SWITCHABLE LR_400kv_B'WATI 2_RAIPUR	50	WRTS-I		8-Jun-20	10:01	8-Jun-20	20:11		10.166667	0	0	0	For AMP works	98.59%	OSPT
		SWITCHABLE LR_400kv_B'WATI 2_RAIPUR Total									10.166667						
260	WR1_T_125	400kV PADGHE(GIS)-KUDUS(PADGHE MSETCL) I	16.74	WRTS-I													
		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_765/400kv_PADGHE(GIS)	1500	WRTS-I												100.00%	
		ICT1_765/400kv_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												100.00%	
		400kV WARORA-PARLI-1_LILOPOINT_PG Total														100.00%	
266		400kV WARORA-PARLI-2_LILOPOINT_PG	333.23	WRTS-I												100.00%	
		400kV WARORA-PARLI-2_LILOPOINT_PG Total														100.00%	
267		SWITCHABLE LR_JHARSUGUDA3_D'JAIGARH	330	WRTS-I												100.00%	
		SWITCHABLE LR_JHARSUGUDA3_D'JAIGARH Total														100.00%	
268		SWITCHABLE LR_JHARSUGUDA4_D'JAIGARH	330	WRTS-I												100.00%	
		SWITCHABLE LR_JHARSUGUDA4_D'JAIGARH Total														100.00%	
269		765kV D'JAIGARH- JHARSUGUDA III	149.4	WRTS-I		14-Jun-20	04:02	14-Jun-20	11:35		0	0	7.55	0	Due to heavy wind and thunderstorm near Dharamjaygarh area line Fault details from Dharamjaygarh: M-1: 1.65km and 31.9kA, M-2: 1.636km and 33.303kA and from Jharsuguda: M-1: 131.6km and 7.2kA, M-2: 147.9km and 7.3kA.		LNCC
						15-Jun-20	02:45	15-Jun-20	09:00		0	0	6.25	0	Due to heavy wind and thunderstorm near Dharamjaygarh area, line tripped on R-B to G fault. Fault details from Dharamjaygarh: M-1: 42.54km and R-16.45kA & B-17.2kA, M-2: 43km and R-15.3kA & B-17.1kA and from Jharsuguda: M-1: 101km and R-7.225kA & B-10.01kA, M-2: 101.3km and R-7.147kA & B-10.01kA. Due to heavy rains and Lightning with Parallel line in service works could not be commenced.		LNCC
						15-Jun-20	09:00	15-Jun-20	19:07		10.116667	0	0	0	Due to heavy wind and thunderstorm near Dharamjaygarh area, line tripped on R-B to G fault. Fault details from Dharamjaygarh: M-1: 42.54km and R-16.45kA & B-17.2kA, M-2: 43km and R-15.3kA & B-17.1kA and from Jharsuguda: M-1: 101km and R-7.225kA & B-10.01kA, M-2: 101.3km and R-7.147kA & B-10.01kA		LHWT
		765kV D'JAIGARH- JHARSUGUDA III Total									10.116667					98.59%	

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						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available			
270		765kV D'JAIGARH- JHARSUGUDA IV	149.4	WRTS-I													
		765kV D'JAIGARH- JHARSUGUDA IV Total														100.00%	
271		SWITCHABLE LR_D'JAIGARH1_RANCHI	240	WRTS-I													
		SWITCHABLE LR_D'JAIGARH1_RANCHI Total														100.00%	
272		SWITCHABLE LR_D'JAIGARH2_RANCHI	240	WRTS-I													
		SWITCHABLE LR_D'JAIGARH2_RANCHI Total														100.00%	
273		STATCOM AURANGABAD	975	WRTS-I													
		STATCOM AURANGABAD Total														100.00%	
274		STATCOM SOLAPUR	975	WRTS-I													
		STATCOM SOLAPUR Total														100.00%	
275		SWITCHABLE LR_765kV_RAJNANDGAON 1_BILASPUR	240	WRTS-I													
		SWITCHABLE LR_765kV_RAJNANDGAON 1_BILASPUR Total														100.00%	
276		SWITCHABLE LR_765kV_RAJNANDGAON 2_BILASPUR	240	WRTS-I													
		SWITCHABLE LR_765kV_RAJNANDGAON 2_BILASPUR Total														100.00%	
277		SWITCHABLE LR_765kV_JHARSUGUDA1_DURG PS	240	WRTS-I													
		SWITCHABLE LR_765kV_JHARSUGUDA1_DURG PS Total														100.00%	
278		SWITCHABLE LR_765kV_JHARSUGUDA2_DURG PS	240	WRTS-I													
		SWITCHABLE LR_765kV_JHARSUGUDA2_DURG PS Total														100.00%	
279		BUS REACTOR_400kV_125MVAR_DHARAMJAYGARH SS	125	WRTS-I													
		BUS REACTOR_400kV_125MVAR_DHARAMJAYGARH SS Total														100.00%	
280		BUS REACTOR-2_765kV_240MVAR_CHAMPA PS	240	WRTS-I													
		BUS REACTOR-2_765kV_240MVAR_CHAMPA PS Total														100.00%	
281		BUS REACTOR 3_765kV_330MVAR_DHARAMJAIAGARH SS	330	WRTS-I													
		BUS REACTOR 3_765kV_330MVAR_DHARAMJAIAGARH SS Total														100.00%	
282		LR_400kV_80MVAR A'BAD 1_at WARDHA Ss	80	WRTS-I		20-Jun-20	10:36	20-Jun-20	17:44		7.1333333	0	0	0	For AMP works		OSPT
		LR_400kV_80MVAR A'BAD 1_at WARDHA Ss Total									7.1333333					99.01%	
283		LR_400kV_80MVAR A'BAD 2_at WARDHA Ss	80	WRTS-I													
		LR_400kV_80MVAR A'BAD 2_at WARDHA Ss Total														100.00%	
284		BUS REACTOR_400kV_125MVAR_KOTRA SS	125	WRTS-I													
		BUS REACTOR_400kV_125MVAR_KOTRA SS Total														100.00%	
285		BUS REACTOR-2_765kV_240MVAR_Kotra PS	240	WRTS-I													
		BUS REACTOR-2_765kV_240MVAR_Kotra PS Total														100.00%	
286		SWITCHABLE LR_765kV_AURANGABAD_PUNE GIS	240	WRTS-I													
		SWITCHABLE LR_765kV_AURANGABAD_PUNE GIS Total														100.00%	