

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
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available		
7	WR1_L_007	400KV BHILAI-BHADRAVATI I	322	WRTS-I		2-Dec-20	11:35	2-Dec-20	12:15		0.6666667	0	0	0	Line outage availed to isolate L/R at Bhilai end for replacement of Faulty MOG & arresting Oil Leakage from Line Reactor.	
						2-Dec-20	17:57	2-Dec-20	18:42		0.75	0	0	0	Line outage availed to taking Line Reactor.	
		400kv BHILAI-BHADRAVATI I Total									1.4166667					99.81%
8	WR1_L_008	400KV RAIPUR-BHADRAVATI I	333	WRTS-I		26-Dec-20	11:28	26-Dec-20	18:38		7.1666667	0	0	0	For AMP works at Raipur and Bhadrawati SS & for line AMP works Also 400KV Bhilai - Bhadrawati line A/R to be kept in Non-auto mode for safety of precautions.	
		400kv RAIPUR-BHADRAVATI I Total									7.1666667					99.04%
9	WR1_L_009	400KV RAIPUR-BHADRAVATI II	345.55	WRTS-I												
		400kv RAIPUR-BHADRAVATI II Total														100.00%
10	WR1_L_010	400KV RAIPUR-BHADRAVATI III	345.55	WRTS-I												
		400kv RAIPUR-BHADRAVATI III Total														100.00%
11	WR1_L_011	400KV BHADRAVATI-CHANDRAPUR I	20	WRTS-I												
		400kv BHADRAVATI-CHANDRAPUR I Total														100.00%
12	WR1_L_012	400KV BHADRAVATI-CHANDRAPUR II	20	WRTS-I		7-Dec-20	06:36	7-Dec-20	16:46		10.166667	0	0	0	Emergency outage availed to attend CB compressor is continuously running at Chandrapur (MSETCL) end.	
						7-Dec-20	23:30	8-Dec-20	12:08		0	12.63333	0	0	Emergency outage availed by MSETCL Chandrapur to rectify DC earth leakage on source-2 of line CB bay at Chandrapur (MSETCL) end.	
						18-Dec-20	11:03	18-Dec-20	21:29		10.433333	0	0	0	Emergency outage availed for attend hydraulic oil leakage in Main Bay at Chandrapur (MSETCL) end. Code received for charging of the line through TBC Bay at Chandrapur end.	
						18-Dec-20	21:29	19-Dec-20	08:04		0	0	0	10.58333	Line Kept open on voltage regulation	
						31-Dec-20	19:10	31-Dec-20	23:52		4.7	0	0	0	Retrofitted CB tripping trials	
		400kv BHADRAVATI-CHANDRAPUR II Total									25.3					96.60%
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		13-Dec-20	09:54	13-Dec-20	18:26		0	8.533333	0	0	Outage availed by ESSAR Mahan for Annual Testing & Maintenance works	
						14-Dec-20	09:54	14-Dec-20	17:26		0	7.533333	0	0	Outage availed by ESSAR Mahan for Annual Testing & Maintenance works. Bay Belongs to Mahan	
		400kv MAHAN-VINDHYACHAL Total									0					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 WRDC
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available		
16	WR1_L_016	400kV KORBA-MAHAN	196	WRTS-I		7-Dec-20	09:47	7-Dec-20	20:36		0	10.81667	0	0	Outage is proposed by Mahan for Annual Testing & Maintenance works. Bay belongs to Mahan	
						8-Dec-20	09:02	8-Dec-20	18:57		0	9.916667	0	0	Outage availed by Essar Mahan for Annual Testing & Maintenance works. Bay Belongs to Mahan	
		400kV KORBA-MAHAN Total									0					100.00%
17	WR1_L_017	400KV VINDHYACHAL-KORBA II	288.994	WRTS-I												100.00%
		400KV VINDHYACHAL-KORBA II Total														100.00%
18	WR1_L_018	400KV SATPURA-SEONI	1.507	WRTS-I		19-Dec-20	13:45	19-Dec-20	18:34		0	4.816667	0	0	For line maintenance works (Availed by MPPTCL). Bay Belongs to MPPTCL	
		400KV SATPURA-SEONI Total									0					100.00%
19	WR1_L_019	400KV BHILAI-SEONI	1.498	WRTS-I												100.00%
		400KV BHILAI-SEONI Total														100.00%
20	WR1_L_020	400KV BHILAI-BHATAPARA	90.453	WRTS-I												100.00%
		400KV BHILAI-BHATAPARA Total														100.00%
21	WR1_L_021	400KV BHATAPARA-KORBA	123.73	WRTS-I		13-Dec-20	09:11	13-Dec-20	14:43		5.5333333	0	0	0	Emergency outage availed by Korba TLM for rectification of decapping in one string of V string at Loc 158 (R Phase)	
		400KV BHATAPARA-KORBA Total									5.5333333					99.26%
22	WR1_L_022	400KV KORBA-SIPAT	68.653	WRTS-I												100.00%
		400KV KORBA-SIPAT Total														100.00%
23	WR1_L_023	400KV RAIPUR-SIPAT I	149.12	WRTS-I												100.00%
		400KV RAIPUR-SIPAT I Total														100.00%
24	WR1_L_024	400KV RAIPUR-SIPAT II	149.12	WRTS-I												100.00%
		400KV RAIPUR-SIPAT II Total														100.00%
25	WR1_L_025	400KV RAIPUR-SIPAT III	162.04	WRTS-I												100.00%
		400KV RAIPUR-SIPAT III Total														100.00%
26	WR1_L_026	765KV BILASPUR-SIPAT I	21.507	WRTS-I												100.00%
		765KV BILASPUR-SIPAT I Total														100.00%
27	WR1_L_027	765kV SEONI-BILASPUR I	337.046	WRTS-I		5-Dec-20	07:52	5-Dec-20	19:38		11.766667	0	0	0	For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O&M works and the works are done for system security.	
						6-Dec-20	07:21	6-Dec-20	19:18		11.95	0	0	0	For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O&M works and the works are done for system security.	

SN	Unique ID of transmission Element	NAME OF LINE/CT	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 WRLCD
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available		
						7-Dec-20	07:32	7-Dec-20	19:31		11.983333	0	0	0	For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O&M works and the works are done for system security.	
						8-Dec-20	07:29	8-Dec-20	19:23		11.9	0	0	0	For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O&M works and the works are done for system security.	
						9-Dec-20	07:47	9-Dec-20	20:36		12.816667	0	0	0	For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O&M works and the works are done for system security.	
						10-Dec-20	07:12	10-Dec-20	19:22		12.166667	0	0	0	For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O&M works and the works are done for system security.	
						11-Dec-20	07:21	11-Dec-20	18:58		11.616667	0	0	0	For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O&M works and the works are done for system security.	
						12-Dec-20	09:42	12-Dec-20	19:18		9.6	0	0	0	For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O&M works and the works are done for system security.	
						13-Dec-20	07:22	13-Dec-20	19:26		12.066667	0	0	0	For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O&M works and the works are done for system security.	

SN	Unique ID of transmission Element	NAME OF LINE/CT	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 WRLCD
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available		
						14-Dec-20	07:49	14-Dec-20	19:07						For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O&M works and the works are done for system security.	
		765kV SEONI-BILASPUR I Total									11.3	0	0	0		
28	WR1_L_028	765KV BILASPUR-SIPAT II	22.216	WRTS-I							117.16667					84.25%
		765KV BILASPUR-SIPAT II Total														100.00%
						16-Dec-20	07:17	16-Dec-20	19:16						For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O& M works and the works are done for system security.	
29	WR1_L_029	765KV SEONI-BILASPUR II	338.33	WRTS-I							11.983333	0	0	0		
						17-Dec-20	07:42	17-Dec-20	19:16						For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O& M works and the works are done for system security.	
											11.566667	0	0	0		
						18-Dec-20	08:29	18-Dec-20	19:21						For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O& M works and the works are done for system security.	
											10.866667	0	0	0		
						19-Dec-20	08:15	19-Dec-20	19:28						For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O& M works and the works are done for system security.	
											11.216667	0	0	0		
						20-Dec-20	07:34	20-Dec-20	19:08						For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O& M works and the works are done for system security.	
											11.566667	0	0	0		

SN	Unique ID of transmission Element	NAME OF LINE/CT	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 WRLCD
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available		
						21-Dec-20	07:14	21-Dec-20	19:07		11.883333	0	0	0	For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O & M works and the works are done for system security.	
						22-Dec-20	07:26	22-Dec-20	19:28		12.033333	0	0	0	For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O&M works and the works are done for system security.	
						23-Dec-20	07:21	23-Dec-20	19:20		11.983333	0	0	0	For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O&M works and the works are done for system security.	
						24-Dec-20	07:16	24-Dec-20	19:25		12.15	0	0	0	For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O&M works and the works are done for system security.	
						26-Dec-20	07:22	26-Dec-20	19:25		12.05	0	0	0	For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O&M works and the works are done for system security.	
						27-Dec-20	07:11	27-Dec-20	19:22		12.183333	0	0	0	For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O&M works and the works are done for system security.	
						28-Dec-20	07:22	28-Dec-20	19:45		12.383333	0	0	0	For Tower Strengthening work to protect towers from extreme localized winds which exceeds design parameters. This is not a routine O&M works and the works are done for system security.	

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
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available		
63	WR1_L_063	765KV DURG PS -WARDHA_1	369.107	WRTS-I		13-Dec-20	11:53	13-Dec-20	16:49		0	0	0	4.933333	Line tripped on R to B Phase fault,FD-191.7Km,FC-R-6.5KA & B-6.2KA from Wardha end and FD-180.1Km,FC-R-7.0KA & B-7.0KA from Durg end. Fault is in Brahmapuri TLM jurisdiction. Phase Position -R Middle phase & B - Top phase. Farmers Burnt Farm residual below the line.	
						13-Dec-20	16:49	14-Dec-20	07:49		0	0	0	15	Line kept out as per WRLDC instructions for Voltage Regulation	
						25-Dec-20	20:33	31-Dec-20	23:59		0	0	0	147.4497	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at 21:13hrs@Durg end.	
		765KV DURG PS -WARDHA_1 Total									0					100.00%
64	WR1_L_064	765KV DURG PS -WARDHA_2	369.107	WRTS-I		1-Dec-20	00:00	23-Dec-20	08:15		0	0	0	536.25	Line H/T as per WRLDC instruction for Voltage regulation & SLR converted as BR at 03:56 hrs @ Durg end.	
		765KV DURG PS -WARDHA_2 Total									0					100.00%
65	WR1_L_065	400Kv PARLI-PUNE(GIS)_1	9.57	WRTS-I												
		400Kv PARLI-PUNE(GIS)_1 Total														100.00%
66	WR1_L_066	400Kv PARLI-PUNE(GIS)_2	9.57	WRTS-I		16-Dec-20	11:49	16-Dec-20	20:03		8.2333333	0	0	0	For Reactor AMP works,	
		400Kv PARLI-PUNE(GIS)_2 Total									8.2333333					98.89%
67	WR1_L_067	400Kv PUNE(GIS)-PUNE(TALEGOAN)_1	9.978	WRTS-I		9-Dec-20	08:55	9-Dec-20	18:52		9.95	0	0	0	For replacement of Relay Display HMI Screen & For AMP works 400KV-PUNE-GIS-PUNE-PG-2 AR to be kept in Non-auto mode for safety of precautions.	
		400Kv PUNE(GIS)-PUNE(TALEGOAN)_1 Total									9.95					98.66%
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		1-Dec-20	00:00	10-Dec-20	09:12		0	0	0	225.2	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Solapur end at 21:37 Hrs & Pune-GIS end at 20:08 Hrs.	
						10-Dec-20	22:19	16-Dec-20	11:29		0	0	0	133.1667	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Solapur end at 22:38 Hrs & Pune-GIS end at 22:50 Hrs.	
						16-Dec-20	23:33	17-Dec-20	09:10		0	0	0	9.616667	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Solapur at 23:58 Hrs & Pune (GIS) end at 23:56 Hrs.	

SN	Unique ID of transmission Element	NAME OF LINE/CT	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
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available		
						17-Dec-20	20:49	25-Dec-20	07:51		0	0	0	179.0333	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Solapur at 21:13 Hrs & Pune (GIS) end at 21:16 Hrs.	
						25-Dec-20	18:24	31-Dec-20	23:59		0	0	0	149.5997	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Solapur at 18:51hrs & Pune (GIS) end at 18:53hrs.	
		765kV PUNE(GIS)-SOLAPUR Total									0	0	0			100.00%
70	WR1_L_070	765KV WARDHA - AURANGABAD(PG) III	355	WRTS-I		9-Dec-20	20:54	21-Dec-20	08:32		0	0	0	275.6333	Line H/T as per WRLDC instructions for Voltage regulation and SLR converted as B/R at Wardha end at 21:06 Hrs	
						26-Dec-20	19:57	31-Dec-20	23:59		0	0	0	124.0497	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at 20:09 hrs@Wardha end.	
		765kV WARDHA - AURANGABAD(PG) III Total									0	0	0			100.00%
71	WR1_L_071	765KV WARDHA - AURANGABAD(PG) IV	355	WRTS-I												
		765kV WARDHA - AURANGABAD(PG) IV Total														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												
		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		1-Dec-20	00:00	5-Dec-20	09:54		0	0	0	105.9	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Solapur end at 20:49 Hrs & Aurangabad end at 21:45 Hrs.	
						19-Dec-20	02:37	19-Dec-20	07:16		0	0	0	4.65	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Solapur at 02:56 Hrs & Aurangabad end at 02:53 Hrs.	
						21-Dec-20	16:21	31-Dec-20	23:59		0	0	0	247.6497	Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at Solapur at 16:37 Hrs & Aurangabad end at 16:30 Hrs.	
		765kV AURANGABAD(PG)-SOLAPUR I Total									0	0	0			100.00%

SN	Unique ID of transmission Element	NAME OF LINE/CT	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
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available		
		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		17-Dec-20	11:53	17-Dec-20	17:04		0	0	0	5.183333	BR H/T as per WRLDC instructions for Voltage Regulation	
						22-Dec-20	12:03	22-Dec-20	22:20		0	0	0	10.28333	BR H/T as per WRLDC instructions for Voltage Regulation	
						24-Dec-20	11:25	24-Dec-20	19:04		0	0	0	7.65	BR H/T as per WRLDC instructions for Voltage Regulation	
						26-Dec-20	10:48	26-Dec-20	15:09		0	0	0	4.35	BR H/T as per WRLDC instructions for Voltage regulation.	
						29-Dec-20	11:34	29-Dec-20	17:06		0	0	0	5.533333	To H/T 400kV BR at MAPUSA for Voltage Regulation	
						30-Dec-20	10:17	30-Dec-20	17:17		0	0	0	7	BR H/T as per WRLDC instructions for Voltage Regulation	
		BUS REACTOR_400kV_50MVAR_MAPUSA Total									0					100.00%
182	WR1_R_020	BUS REACTOR_400kV_80MVAR_KOLHAPUR	80	WRTS-I		1-Dec-20	09:43	1-Dec-20	17:46		0	0	0	8.05	BR H/T as per WRLDC instruction for Voltage regulation.	
						2-Dec-20	09:43	2-Dec-20	17:36		0	0	0	7.883333	BR H/T as per WRLDC instruction for Voltage regulation.	
						3-Dec-20	08:55	3-Dec-20	16:53		0	0	0	7.966667	BR H/T as per WRLDC instruction for Voltage regulation.	
						4-Dec-20	10:15	4-Dec-20	17:29		0	0	0	7.233333	BR H/T as per WRLDC instruction for Voltage regulation.	
						5-Dec-20	10:42	5-Dec-20	17:39		0	0	0	6.95	BR H/T as per WRLDC instruction for Voltage regulation.	
						8-Dec-20	09:07	8-Dec-20	19:58		0	0	0	10.85	BR H/T as per WRLDC instruction for Voltage regulation	
						9-Dec-20	09:30	9-Dec-20	19:55		0	0	0	10.41667	BR H/T as per WRLDC instruction for Voltage regulation	
						10-Dec-20	09:59	10-Dec-20	18:45		0	0	0	8.766667	BR H/T as per WRLDC instruction for Voltage regulation	
						11-Dec-20	10:08	11-Dec-20	19:20		0	0	0	9.2	BR H/T as per WRLDC instructions for Voltage Regulation	
						12-Dec-20	10:16	12-Dec-20	17:35		0	0	0	7.316667	BR H/T as per WRLDC instructions for Voltage Regulation	
						14-Dec-20	08:48	14-Dec-20	15:42		0	0	0	6.9	BR H/T as per WRLDC instructions for Voltage Regulation	

SN	Unique ID of transmission Element	NAME OF LINE/CT	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
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available		
214	WR1_R_053	BUS REACTOR_400kV_125MVAR_PARLI	125	WRTS-I												
		BUS REACTOR_400kV_125MVAR_PARLI Total														100.00%
215	WR1_R_054	BUS REACTOR_765kV_240MVAR_PUNE(GIS)	240	WRTS-I		2-Dec-20	07:49	2-Dec-20	18:11		0	0	0	10.36667	BR H/T as per WRLDC instruction for Voltage regulation.	
						3-Dec-20	10:41	3-Dec-20	17:44		0	0	0	7.05	BR H/T as per WRLDC instruction for Voltage regulation.	
						4-Dec-20	08:13	4-Dec-20	18:29		0	0	0	10.26667	BR H/T as per WRLDC instruction for Voltage regulation.	
						5-Dec-20	10:44	5-Dec-20	20:12		0	0	0	9.466667	BR H/T as per WRLDC instruction for Voltage regulation.	
						7-Dec-20	07:17	7-Dec-20	20:42		0	0	0	13.41667	BR H/T as per WRLDC instruction for Voltage regulation	
						8-Dec-20	07:52	9-Dec-20	01:00		0	0	0	17.13333	BR H/T as per WRLDC instruction for Voltage regulation	
						11-Dec-20	10:33	11-Dec-20	14:01		0	0	0	3.466667	BR H/T as per WRLDC instructions for Voltage Regulation	
						12-Dec-20	10:06	12-Dec-20	19:54		0	0	0	9.8	BR H/T as per WRLDC instructions for Voltage Regulation	
						14-Dec-20	09:48	14-Dec-20	18:07		0	0	0	8.316667	BR H/T as per WRLDC instructions for Voltage Regulation	
						15-Dec-20	06:30	15-Dec-20	19:48		0	0	0	13.3	BR H/T as per WRLDC instructions for Voltage Regulation	
						16-Dec-20	06:28	16-Dec-20	13:49		0	0	0	7.35	BR H/T as per WRLDC instructions for Voltage Regulation	
						18-Dec-20	07:01	18-Dec-20	17:43		0	0	0	10.7	BR H/T as per WRLDC instructions for Voltage Regulation	
						19-Dec-20	07:25	19-Dec-20	17:18		0	0	0	9.883333	BR H/T as per WRLDC instructions for Voltage Regulation	
						27-Dec-20	07:30	27-Dec-20	17:34		0	0	0	10.06667	BR H/T as per WRLDC instructions for Voltage regulation.	
						28-Dec-20	06:06	28-Dec-20	17:57		0	0	0	11.85	BR H/T as per WRLDC instructions for Voltage regulation.	
						29-Dec-20	08:30	29-Dec-20	17:25		0	0	0	8.916667	To H/T 765kV BR at Pune GIS for Voltage Regulation	
						30-Dec-20	11:12	30-Dec-20	17:21		0	0	0	6.15	BR H/T as per WRLDC instructions for Voltage Regulation	
		BUS REACTOR_765kV_240MVAR_PUNE(GIS) Total									0	0	0			100.00%
216	WR1_R_055	SWITCHABLE LR_765kV_SOLAPUR_PUNE(GIS)	240	WRTS-I		1-Dec-20	00:00	2-Dec-20	19:44		0	0	0	43.73333	SLR H/T as per WRLDC instruction for Voltage regulation.	

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
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available		
						3-Dec-20	06:59	4-Dec-20	21:28		0	0	0	38.48333	SLR H/T as per WRLDC instruction for Voltage regulation.	
						6-Dec-20	08:50	6-Dec-20	21:08		0	0	0	12.3	SLR Line H/T as per WRLDC instruction for Voltage regulation	
						9-Dec-20	09:53	9-Dec-20	19:07		0	0	0	9.233333	SLR H/T as per WRLDC instruction for Voltage regulation	
						11-Dec-20	09:10	11-Dec-20	17:49		0	0	0	8.65	SLR H/T as per WRLDC instructions for Voltage Regulation	
						26-Dec-20	08:16	26-Dec-20	17:41		0	0	0	9.416667	SLR H/T as per WRLDC instructions for Voltage regulation.	
						27-Dec-20	10:37	27-Dec-20	18:01		0	0	0	7.4	SLR H/T as per WRLDC instructions for Voltage regulation.	
						28-Dec-20	10:49	28-Dec-20	17:41		0	0	0	6.866667	SLR H/T as per WRLDC instructions for Voltage regulation.	
						29-Dec-20	10:35	29-Dec-20	17:15		0	0	0	6.666667	To H/T 765kV SLR of 765kV Pune-Solapur line at Pune GIS for Voltage Regulation	
						30-Dec-20	08:49	30-Dec-20	18:03		0	0	0	9.233333	SLR H/T as per WRLDC instructions for Voltage Regulation	
		SWITCHABLE LR_765kV_SOLAPUR_PUNE(GIS) Total									0					100.00%
217	WR1_R_056	BUS REACTOR_400kV_80MVAR_DHULE	80	WRTS-I		22-Dec-20	13:56	22-Dec-20	17:45		0	3.816667	0	0	BR tripped due to tripping of Bus at MSETCL Dhule SS.	
						28-Dec-20	10:37	28-Dec-20	17:12		6.5833333	0	0	0	For AMP works	
		BUS REACTOR_400kV_80MVAR_DHULE Total									6.5833333					99.12%
218	WR1_R_057	SWITCHABLE LR_765kV_A'BAD 3_WARDHA	330	WRTS-I												100.00%
		SWITCHABLE LR_765kV_A'BAD 3_WARDHA Total														100.00%
219	WR1_R_058	SWITCHABLE LR_765kV_A'BAD 4_WARDHA	330	WRTS-I												100.00%
		SWITCHABLE LR_765kV_A'BAD 4_WARDHA Total														100.00%
220	WR1_R_059	SWITCHABLE LR_765kV_JABALPUR 3_D'JAIGARH	330	WRTS-I												100.00%
		SWITCHABLE LR_765kV_JABALPUR 3_D'JAIGARH Total														100.00%
221	WR1_R_060	SWITCHABLE LR_765kV_JABALPUR 4_D'JAIGARH	330	WRTS-I												100.00%
		SWITCHABLE LR_765kV_JABALPUR 4_D'JAIGARH Total														100.00%
222	WR1_R_061	SWITCHABLE LR_765kV_AURANGABAD 1_SOLAPUR	240	WRTS-I		30-Dec-20	10:24	30-Dec-20	19:32		0	0	0	9.133333	SLR H/T as per WRLDC instructions for Voltage Regulation	
		SWITCHABLE LR_765kV_AURANGABAD 1_SOLAPUR Total									0					100.00%
223	WR1_R_062	SWITCHABLE LR_765kV_AURANGABAD 2_SOLAPUR	240	WRTS-I												100.00%
		SWITCHABLE LR_765kV_AURANGABAD 2_SOLAPUR Total														100.00%
224	WR1_R_063	SWITCHABLE LR_765kV_JABALPUR 2_D'JAIGARH	330	WRTS-I												100.00%
		SWITCHABLE LR_765kV_JABALPUR 2_D'JAIGARH Total														100.00%
225	WR1_R_064	SWITCHABLE LR_765kV_JABALPUR 1_D'JAIGARH	330	WRTS-I												100.00%
		SWITCHABLE LR_765kV_JABALPUR 1_D'JAIGARH Total														100.00%
226	WR1_R_065	BUS REACTOR_125MVAR_AT_KOLHAPUR(GIS)	125	WRTS-I		20-Dec-20	10:31	20-Dec-20	18:18		0	0	0	7.783333	BR H/T as per WRLDC instructions for Voltage regulation.	
						22-Dec-20	12:17	22-Dec-20	22:27		0	0	0	10.16667	BR H/T as per WRLDC instructions for Voltage Regulation	

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
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available		
256	WR1_T_125	765kV AURANGABAD(PG)-PADGHE(GIS) II	284.816	WRTS-I		7-Dec-20	10:05	7-Dec-20	20:00		9.9166667	0	0	0	Due to heavy industrial pollution the dust is getting deposited on insulators.(Photographs attached) All the above locations mentioned are situated in hilly terrain (Sahyadri mountain range)and during night hours due to dense fog and moist condition in the area and dust deposition on insulators is leading to tracking of insulators . Therefore for system security and human safety POWERGRID has replaced the glass insulators. Same is not a routine O& M works and hence the outage may kindly not be booked to POWERGRID.	
						7-Dec-20	20:00	9-Dec-20	20:33		0	0	0	48.55	Line Kept open for Volatge regulation	
						10-Dec-20	08:25	10-Dec-20	19:11		10.766667	0	0	0	Due to heavy industrial pollution the dust is getting deposited on insulators.(Photographs attached) All the above locations mentioned are situated in hilly terrain (Sahyadri mountain range)and during night hours due to dense fog and moist condition in the area and dust deposition on insulators is leading to tracking of insulators . Therefore for system security and human safety POWERGRID has replaced the glass insulators. Same is not a routine O& M works and hence the outage may kindly not be booked to POWERGRID.	
						10-Dec-20	19:11	12-Dec-20	10:06		0	0	0	38.91667	Line kept out for vol. regualtion as per WRLDC instruction & reactor converted at Aurangabad end at 20:36 Hrs	

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
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available		
						12-Dec-20	10:06	12-Dec-20	19:14		9.1333333	0	0	0	Due to heavy industrial pollution the dust is getting deposited on insulators.(Photographs attached) All the above locations mentioned are situated in hilly terrain (Sahyadri mountain range)and during night hours due to dense fog and moist condition in the area and dust deposition on insulators is leading to tracking of insulators . Therefore for system security and human safety POWERGRID has replaced the glass insulators. Same is not a routine O& M works and hence the outage may kindly not be booked to POWERGRID.	
						12-Dec-20	19:14	13-Dec-20	08:14		0	0	0	13	Line kept out as per WRLDC instructions for Voltage Regulation	
						13-Dec-20	08:14	13-Dec-20	19:46		11.5333333	0	0	0	Due to heavy industrial pollution the dust is getting deposited on insulators.(Photographs attached) All the above locations mentioned are situated in hilly terrain (Sahyadri mountain range)and during night hours due to dense fog and moist condition in the area and dust deposition on insulators is leading to tracking of insulators . Therefore for system security and human safety POWERGRID has replaced the glass insulators. Same is not a routine O& M works and hence the outage may kindly not be booked to POWERGRID.	
						19-Dec-20	10:49	19-Dec-20	20:17		9.4666667	0	0	0	Emergency outage availed to attend SF6 gas alarm in chamber of 709 Main Bay and 708 Tie Bay at Padghe-GIS end.	
						19-Dec-20	19:24	19-Dec-20	20:17		0	0	0	0.8833333	Line kept out as per WRLDC instructions for Voltage Regulation	

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
						Date	Time	Date	Time		ISTS Licensee	OTHERS	System Constraints/ Natural calamity / Militancy	Deemed Available		
						20-Dec-20	08:08	20-Dec-20	20:22						Emergency outage availed for replacement of glass insulator by CLR polymer insulator at loc.no.623 & 624 as tracking of insulator and abnormal sound was observed to prevent further decapping of insulator strings. Also A/R kept in Non Auto mode of 765KV Pune - Padghe line	
						20-Dec-20	19:43	22-Dec-20	7:35						Line kept uncharge due to system constraint as per WRLDC instruction	
		765kV AURANGABAD(PG)-PADGHE(GIS) II Total														
		ICT2_765/400kv_PADGHE(GIS)	1500	WRTS-I												91.53%
		ICT2_765/400kv_PADGHE(GIS) Total														100.00%
257	WR1_T_055	BUS REACTOR_765kV_240MVAR_PADGHE(GIS)	240	WRTS-I		10-Dec-20	10:50	10-Dec-20	17:48					BR H/T as per WRLDC instruction for Voltage regulation		
						11-Dec-20	09:05	11-Dec-20	18:03					BR H/T as per WRLDC instructions for Voltage Regulation		
						12-Dec-20	10:32	12-Dec-20	18:05					BR H/T as per WRLDC instructions for Voltage Regulation		
		BUS REACTOR_765kV_240MVAR_PADGHE(GIS) TOTAL														
		SWITCHABLE LR_400kV_B'WATI 2_RAIPUR	50	WRTS-I												100.00%
		SWITCHABLE LR_400kV_B'WATI 2_RAIPUR Total														
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														
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														
262	WR1_T_056	ICT1_765/400kv_PADGHE(GIS)	1500	WRTS-I												100.00%
		ICT1_765/400kv_PADGHE(GIS) Total														
263		400KV WARDHA-WARORA-1_LILOPOINT_PG	3.71	WRTS-I												100.00%
		400KV WARDHA-WARORA-1_LILOPOINT_PG Total														
264		400KV WARDHA-WARORA-2_LILOPOINT_PG	3.71	WRTS-I												100.00%
		400KV WARDHA-WARORA-2_LILOPOINT_PG Total														
265		400KV WARORA-PARLI-1_LILOPOINT_PG	333.23	WRTS-I												100.00%
		400KV WARORA-PARLI-1_LILOPOINT_PG Total														
266		400KV WARORA-PARLI-2_LILOPOINT_PG	333.23	WRTS-I		10-Dec-20	08:51	10-Dec-20	15:07		0	6.266667	0	0	For line AMP works at PWTL end	
		400KV WARORA-PARLI-2_LILOPOINT_PG Total									0					100.00%
267		SWITCHABLE LR_JHARSUGUDA3_DJAIGARH	330	WRTS-I		8-Dec-20	09:26	8-Dec-20	19:58		10.533333	0	0	0	For LR & Reactor bay AMP works	
		SWITCHABLE LR_JHARSUGUDA3_DJAIGARH Total									10.533333					98.58%
268		SWITCHABLE LR_JHARSUGUDA4_DJAIGARH	330	WRTS-I		3-Dec-20	09:44	3-Dec-20	20:46		11.033333	0	0	0	for LR & Reactor bay AMP work	
						4-Dec-20	10:02	4-Dec-20	19:45		9.7166667	0	0	0	For LR & Reactor bay AMP works	
		SWITCHABLE LR_JHARSUGUDA4_DJAIGARH Total									20.75					97.21%
269		765kV DJAIGARH-JHARSUGUDA III	149.4	WRTS-I		8-Dec-20	09:26	8-Dec-20	19:58		10.533333	0	0	0	for LR & Reactor bay AMP work. Outage of line is not POWERGRID requirement. Line outage was provided by WRLDC in view of system constraint	

