

Standard of Performance data for the month of July-2023
Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., WESTERN REGION-1

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
BSR	125MVAR, BUS REACTOR-1 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-1 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-2 AT AURANGABAD	SCSD	21-07-2023	08:35:00	21-07-2023	21:51:00	0.55	0.00	0.00	0.00	13.27		* For BR-2 AMP Work and Tie Bay CDS Tuning. Multiple Operation of CB will be done for CSD tuning works. Reactor will be IN/Out according to CSD tuning works.
							0.55	0.00	0.00	0.00	13.27	100.00	
BSR	50MVAR, BUS REACTOR-1 AT BHADRAWATI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	63MVAR, BUS REACTOR-2 AT BHADRAWATI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR, BUS REACTOR-1 AT BHATAPARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-1 AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR, BUS REACTOR-1 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-1 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR, BUS REACTOR-2 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-2 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR, BUS REACTOR-1 AT DHULE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR, BUS REACTOR-1 AT DHARAMJAYGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	330MVAR, BUS REACTOR-1 AT DHARAMJAYGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	330MVAR, BUS REACTOR-2 AT DHARAMJAYGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	330MVAR, BUS REACTOR-3 AT DHARAMJAYGARH	OSPT	15-07-2023	09:12:00	15-07-2023	17:35:00	0.35	8.38	0.00	0.00	0.00		* AMP works
							0.35	8.38	0.00	0.00	0.00	98.87	
BSR	125MVAR, BUS REACTOR-2 AT KOLHAPUR	SVRD	01-07-2023	00:00:01	29-07-2023	03:09:00	28.13	0.00	0.00	0.00	675.15		* BR H/T as per WRLDC instructions for Voltage Regulation
							28.13	0.00	0.00	0.00	675.15	100.00	
BSR	80MVAR, BUS REACTOR-1 AT KOLHAPUR MSETCL	SVRD	07-07-2023	10:43:00	13-07-2023	22:29:00	6.49	0.00	0.00	0.00	155.77		* BR H/T as per WRLDC instructions for Voltage Regulation.
BSR	80MVAR, BUS REACTOR-1 AT KOLHAPUR MSETCL	SVRD	17-07-2023	08:56:00	18-07-2023	00:13:00	0.64	0.00	0.00	0.00	15.28		* BR H/T as per WRLDC instructions for VR
BSR	80MVAR, BUS REACTOR-1 AT KOLHAPUR MSETCL	SVRD	14-07-2023	10:13:00	15-07-2023	00:07:00	0.58	0.00	0.00	0.00	13.90		* BR H/T as per WRLDC instructions for VR
							7.71	0.00	0.00	0.00	184.95	100.00	
BSR	80MVAR, BUS REACTOR-1 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-1 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR, BUS REACTOR-2 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-2 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR, BUS REACTOR-1 AT MAPUSA	SVRD	29-07-2023	09:12:00	30-07-2023	21:58:00	1.53	0.00	0.00	0.00	36.77		* BR H/T as per WRLDC instructions for VR
BSR	50MVAR, BUS REACTOR-1 AT MAPUSA	SVRD	14-07-2023	11:21:00	14-07-2023	20:52:00	0.40	0.00	0.00	0.00	9.52		* BR H/T as per WRLDC instructions for Voltage Regulation.
BSR	50MVAR, BUS REACTOR-1 AT MAPUSA	SVRD	12-07-2023	11:31:00	14-07-2023	04:03:00	1.69	0.00	0.00	0.00	40.53		* BR H/T as per WRLDC instructions for VR
							3.62	0.00	0.00	0.00	86.82	100.00	
BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	15-07-2023	10:31:00	15-07-2023	20:43:00	0.43	0.00	0.00	0.00	10.20		* BR H/T as per WRLDC instructions for Voltage Regulation
BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	21-07-2023	08:55:00	22-07-2023	02:50:00	0.75	0.00	0.00	0.00	17.92		* BR H/T as per WRLDC instructions for Voltage Regulation
BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	12-07-2023	09:11:00	12-07-2023	19:57:00	0.45	0.00	0.00	0.00	10.77		* BR H/T as per WRLDC instructions for VR
BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	17-07-2023	08:54:00	18-07-2023	22:18:00	1.56	0.00	0.00	0.00	37.40		* BR H/T as per WRLDC instructions for VR
BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	04-07-2023	09:57:00	04-07-2023	21:00:00	0.46	0.00	0.00	0.00	11.05		* BR H/T as per WRLDC instructions for Voltage Regulation
BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	05-07-2023	09:37:00	05-07-2023	19:40:00	0.42	0.00	0.00	0.00	10.05		* BR H/T as per WRLDC instructions for VR

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BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	10-07-2023	09:51:00	10-07-2023	20:26:00	0.44	0.00	0.00	0.00	10.58		* BR H/T as per WRLDC instructions for Voltage Regulation
BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	11-07-2023	09:13:00	11-07-2023	19:10:00	0.42	0.00	0.00	0.00	9.95		* BR H/T as per WRLDC instructions for Voltage Regulation
BSR	240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	07-07-2023	09:47:00	07-07-2023	22:04:00	0.51	0.00	0.00	0.00	12.28		* BR H/T as per WRLDC instructions for Voltage Regulation
							5.44	0.00	0.00	0.00	130.20	100.00	
BSR	63MVAR, BUS REACTOR-1 AT PARLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR, BUS REACTOR-2 AT PARLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR, BUS REACTOR-1 AT PUNE	SVRD	01-07-2023	00:00:01	09-07-2023	03:41:00	8.15	0.00	0.00	0.00	195.68		* BR H/T as per WRLDC instructions for VR
							8.15	0.00	0.00	0.00	195.68	100.00	
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	15-07-2023	09:25:00	15-07-2023	20:42:00	0.47	0.00	0.00	0.00	11.28		* BR H/T as per WRLDC instructions for Voltage Regulation
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	07-07-2023	09:52:00	07-07-2023	22:05:00	0.51	0.00	0.00	0.00	12.22		* BR H/T as per WRLDC instructions for Voltage Regulation
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	11-07-2023	09:08:00	11-07-2023	19:05:00	0.42	0.00	0.00	0.00	9.95		* BR H/T as per WRLDC instructions for Voltage Regulation
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	10-07-2023	07:08:00	10-07-2023	20:30:00	0.56	0.00	0.00	0.00	13.37		* B/R H/T for V/R as per WRLDC instruction.
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	12-07-2023	09:11:00	12-07-2023	20:00:00	0.45	0.00	0.00	0.00	10.82		* BR H/T as per WRLDC instructions for VR
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	03-07-2023	08:27:00	03-07-2023	20:50:00	0.52	0.00	0.00	0.00	12.38		* BR H/T as per WRLDC instructions for VR
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	04-07-2023	09:36:00	04-07-2023	20:32:00	0.46	0.00	0.00	0.00	10.93		* BR H/T as per WRLDC instructions for Voltage Regulation
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	05-07-2023	09:37:00	05-07-2023	19:33:00	0.41	0.00	0.00	0.00	9.93		* BR H/T as per WRLDC instructions for VR
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	13-07-2023	09:35:00	13-07-2023	21:18:00	0.49	0.00	0.00	0.00	11.72		* BR H/T as per WRLDC instructions for Voltage Regulation.
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	14-07-2023	09:19:00	14-07-2023	21:50:00	0.52	0.00	0.00	0.00	12.52		* BR H/T as per WRLDC instructions for Voltage Regulation.
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	31-07-2023	09:49:00	31-07-2023	13:40:00	0.16	0.00	0.00	0.00	3.85		* BR H/T as per WRLDC instructions for Voltage Regulation
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	25-07-2023	09:44:00	25-07-2023	22:50:00	0.55	0.00	0.00	0.00	13.10		* BR H/T as per WRLDC instructions for Voltage Regulation
							5.52	0.00	0.00	0.00	132.07	100.00	
BSR	63MVAR, BUS REACTOR-1 AT RAIGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR, BUS REACTOR-2 AT RAIGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-1 AT RAIPUR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR, BUS REACTOR-1 AT RAIPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR, BUS REACTOR-2 AT RAIPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR, BUS REACTOR-1 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-1 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR, BUS REACTOR-2 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-1 AT SOLAPUR	SVRD	12-07-2023	10:25:00	12-07-2023	20:07:00	0.40	0.00	0.00	0.00	9.70		* BR H/T as per WRLDC instructions for VR
BSR	63MVAR, BUS REACTOR-1 AT SOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.40	0.00	0.00	0.00	9.70	100.00	
BSR	240MVAR, BUS REACTOR-2 AT SOLAPUR	OSPT	03-07-2023	11:50:00	03-07-2023	15:31:00	0.15	3.68	0.00	0.00	0.00		* Normalisation of Spare Change over as per CEA norms* 03.07.2023 15:50:07 INDIA P. Pandharikar (60021315) Phone 8554993381* As per WRPC, only 3hours are considered as Deemed available for reactor. Hence outage split into two entries SCSD and OSPT for outage hours consideration.
BSR	240MVAR, BUS REACTOR-2 AT SOLAPUR	SCSD	03-07-2023	08:50:00	03-07-2023	11:50:00	0.13	0.00	0.00	0.00	3.00		* Normalisation of Spare Change over as per CEA norms
							0.28	3.68	0.00	0.00	3.00	99.50	
BSR	240MVAR, BUS REACTOR-1 AT TAMNAR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR, BUS REACTOR-1 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR, BUS REACTOR-1 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	63MVAR, BUS REACTOR-2 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	330MVAR, BUS REACTOR-2 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	63MVAR, BUS REACTOR-3 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

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							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	330MVAR, BUS REACTOR-3 AT WARDHA	SCSD	13-07-2023	10:28:00	13-07-2023	13:28:00	0.13	0.00	0.00	0.00	0.00	3.00	* For taking spare in to service.Last date of spare taken out of service was on 18.01.2023
BSR	330MVAR, BUS REACTOR-3 AT WARDHA	OSPT	13-07-2023	13:28:00	13-07-2023	19:57:00	0.27	6.48	0.00	0.00	0.00	99.13	* For taking spare in to service.Last date of spare taken out of service was on 18.01.2023. Outage time after 03Hrs.
CKT	220kV KORBA(CSEB)-BUDDHIPADAR(OPTCL)-3	OMS U	28-07-2023	12:39:00	29-07-2023	14:04:00	1.06	0.00	25.42	0.00	0.00		* Line tripped on R-E fault at Buddhipadar. Fault details at Buddhipadar end : Zone-2, FC-250A,FD-196.7Km. Korba SS end: Station Block out due to Earth wire of 220KV Korba(E) – BUDHIPATHAR ckt-2 FELL down on 220kv Korba(E) – BUDHIPATHAR ckt-2 <-> KEB-RAIGARH ckt. Line anti theft Charged from Budhipadar end.* 01.08.2023 20:26:16 INDIA Krishnanjaneyulu Machha (60001973)* Line anti theft Charged from Budhipadar end at 29.07.23 @01:35Hrs as per Code 07/2551,* NL-07/2440,* ER-07/1319. Line Synchronized at Korba (E) end at 14:04Hrs
CKT	400kV AKOLA(MSETCL)-AURANGABAD-1			00:00:00		00:00:00	1.06	0.00	25.42	0.00	0.00	100.00	
CKT	400kV AKOLA(MSETCL)-AURANGABAD-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV AURANGABAD-AURANGABAD(MSETCL)-1	OMS U	15-07-2023	17:11:00	16-07-2023	20:36:00	1.14	0.00	27.42	0.00	0.00		* Line H/T on emergency at Aurangabad(MSETCL) end on observing, cutting of busbar CT core cable of 400KV AURANGABAD(PG)-AURANGABAD(MSETCL) CKT- 1 at Aurangabad(MSTCL) end during their works. DT received at Aurangabad(PG) end.
CKT	400kV AURANGABAD-AURANGABAD(MSETCL)-2	OSPT	25-07-2023	10:18:00	25-07-2023	22:16:00	1.14	0.00	27.42	0.00	0.00	100.00	* For 409L AMP at Aurangabad <-> 404L AMP at Waluj (MSETCL) end. A/R to be kept in Non-Auto mode for 400KV-AURANGABAD-M (WALUJ)-AURANGABAD-1
CKT	400kV BHADRAWATI-CHANDRAPUR(MSEB)-1			00:00:00		00:00:00	0.50	11.97	0.00	0.00	0.00	98.39	
CKT	400kV BHADRAWATI-CHANDRAPUR(MSEB)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADRAWATI-CHANDRAPUR(MSEB)-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADRAWATI-CHANDRAPUR(MSEB)-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADRAWATI-DHARIWAL(CESC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADRAWATI-PARLI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHATAPARA-BHILAI(CSEB)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHILAI(CSEB)-BHADRAWATI-2	OSPT	04-07-2023	08:35:00	04-07-2023	19:37:00	0.46	11.03	0.00	0.00	0.00	98.52	* For AMP WORKS.
CKT	400kV BHILAI(CSEB)-KORADI(MSEB)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DHARIWAL(CESC)-PARLI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JHARSUGUDA-RAIGARH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JHARSUGUDA-RAIGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JHARSUGUDA-RAIGARH-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JHARSUGUDA-RAIGARH-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KOLHAPUR GIS-MAPUSA-1	LCSD	30-07-2023	06:57:00	30-07-2023	20:08:00	0.55	0.00	0.00	0.00	13.18		* For Reconductoring work of Kolhapur (PG) - Kolhapur (MSETCL) ckt # 2
CKT	400kV KOLHAPUR GIS-MAPUSA-1	LCSD	29-07-2023	07:35:00	29-07-2023	18:23:00	0.45	0.00	0.00	0.00	10.80		* For Reconductoring work of Kolhapur(PG)-Kolhapur(MSETCL)#2
CKT	400kV KOLHAPUR GIS-MAPUSA-2			00:00:00		00:00:00	1.00	0.00	0.00	0.00	23.98	100.00	
CKT	400kV KOLHAPUR(MSETCL)-KOLHAPUR GIS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KOLHAPUR(MSETCL)-KOLHAPUR GIS-2	LCSD	01-07-2023	00:00:01	31-07-2023	23:59:59	31.00	0.00	0.00	0.00	744.00		* For reconductoring of Moose conductor with HTLS conductor for sytem improvement. AR to be kept in non Auto mode for 400KV-KOLHAPUR-M= S-KOLHAPUR GIS-1
CKT	400kV KORBA(NTPC)-BHATAPARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-BHILAI(CSEB)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-BHILAI(CSEB)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-BIRSINGHPUR(MPGENCO)-1	OSPT	03-07-2023	12:38:00	03-07-2023	18:50:00	0.26	6.20	0.00	0.00	0.00	99.17	* Availed by NTPC For Annual Bay PM includes relay,bkr,ct testing ,mom box cleaning and overhauling and hot spot to be attended as per actual.PM of Shunt Reactor-3
CKT	400kV KORBA(NTPC)-BIRSINGHPUR(MPGENCO)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-KORBA(CSEB)-1	LPRD	01-07-2023	00:00:01	31-07-2023	23:59:59	31.00	0.00	0.00	0.00	744.00		* Opened to control fault level at NTPC Korba
CKT	400kV KORBA(NTPC)-RAIPUR-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

Standard of Performance data for the month of July-2023
Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., WESTERN REGION-1

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE TO Others	OUTAGE ATTRIBUTABLE TO System Constraint	OUTAGE ATTRIBUTABLE TO Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV KORBA(NTPC)-RAIPUR-4	LART	06-07-2023	01:25:00	06-07-2023	01:25:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R successfully operated on B-E fault. Fault details at Korba (NTPC) end : Main-1: FC-16.57kA,FD-5.489Km <-> Main-2: FC-22.85kA= ,FD-5.3Km* 01.08.2023 21:41:23 INDIA Krishnanjaneyulu Machha (60001973)* Lightning impact and flashover found on CC ring, Jumper Pad and Arching horn at Loc18. Lightning impact and flashover found on CC ring, Suspension Clamp, Conductor, Arching horn <-> He at Loc 23(DA)
CKT	400kV KORBA(NTPC)-SIPAT(NTPC)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORADI(MSEB)-SATPURA(MPPTCL)	LART	28-07-2023	08:34:00	28-07-2023	08:34:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R successful on Y- E fault. Fault details at Koradi end : FC-3.74KA,FD-96.24Km. Fault details at Sarni end : FC-6.3KA,FD-38Km Fault is in WR-2 jurisdiction.* 04.08.2023 16:20:15 INDIA P. Pandharikar (60021315) Phone 8554993381* Black Spark mark observed on hardware fittings at LOC No: 267(B+0)
CKT	400kV LARA(NTPC)-CHAMPA-1	OSPT	14-07-2023	11:21:00	14-07-2023	20:26:00	0.38	9.08	0.00	0.00	0.00	98.78	* For AMP of terminal equipment. AR to be kept in non Auto mode for 400KV-CHAMPA-LARA-1
CKT	400kV LARA(NTPC)-CHAMPA-2	LART	05-07-2023	22:33:00	05-07-2023	22:33:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R successfully operated on B-E fault. Fault details at Lara (NTPC) end : FC-16kA,FD-16.4Km and Fault details at Champa end : Main-1: FC-4.04kA,FD-94.7Km <-> Main-2: FC-4.18kA,FD-91.0Km* 01.08.2023 21:36:45 INDIA Krishnanjaneyulu Machha (60001973)* Flashover Marks Observed on Top B Phase Jumper to Middle Y-Phase Crossarm ,at Loc. No. 57 .
CKT	400kV LARA(NTPC)-KOTRA PS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV LARA(NTPC)-KOTRA PS-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MAUDA(NTPC)-WARDHA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MAUDA(NTPC)-WARDHA-2	LART	26-07-2023	23:41:00	26-07-2023	23:41:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R successful on B-G fault. Fault details at wardha End: FD-60.027 KM/FC-7.016KA and Mauda End : FD-75.30 KM/FC-6.95KA* 03.08.2023 13:36:10 INDIA Krishnanjaneyulu Machha (60001973)** Flashover mark on Insulator, Grading Ring <-> Arching horn at Loc no.184
CKT	400kV MAUDA(NTPC)-WARDHA-2	OSPD	05-07-2023	09:45:00	08-07-2023	20:03:00	3.43	0.00	0.00	0.00	82.30	100.00	* Outage availed by NTPC for Annual PM
CKT	400kV PADGHE GIS-KUDUS(MSETCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PADGHE GIS-KUDUS(MSETCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PARLI-PARLI(MSETCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PARLI-PARLI(MSETCL)-2	LCSD	24-07-2023	13:11:00	24-07-2023	18:04:00	0.20	0.00	0.00	0.00	4.88	100.00	* For ongoing project of "Upgradation of 400kV Line Bays (02 Nos) of Parli (PG) I<->II at Parli (MSETCL) from existing current rating of 2000A to 3150A to suit the reconductoring with Twin HTLS". AR to be kept in non Auto mode for 400KV-PARLI NEW-PARLI-M-1" 03.08.2023 16:20:09 INDIA Krishnanjaneyulu Machha (60001973)* As per CTUIL Office memorandum dated 25.08.2022
CKT	400kV PARLI-PUNE GIS-1	OSFT	04-07-2023	14:58:00	04-07-2023	20:31:00	0.23	5.55	0.00	0.00	0.00	99.25	* Emergency outage availed to attend Hotspot on 40289B isolator at Parli end.
CKT	400kV PARLI-PUNE GIS-1	LPRD	08-07-2023	12:17:00	08-07-2023	23:28:00	0.47	0.00	0.00	0.00	11.18	99.25	* Line H/T as per instructions of WRLDC for Power Regulation
CKT	400kV PARLI-PUNE GIS-2	OSFT	12-07-2023	11:02:00	12-07-2023	20:06:00	0.38	9.07	0.00	0.00	0.00	98.78	* Emergency outage availed to attend oil leakage from Y-ph CVT at Parli end.
CKT	400kV PUNE-PUNE GIS-1	OMS U	08-07-2023	07:07:00	08-07-2023	22:50:00	0.66	0.00	15.72	0.00	0.00	100.00	* Line tripped on B phase to Ground fault . FD:64KM and FC:6.867 KA from Pune(GIS) end. (400KV Pune-GIS-Pune(T) -PG-1 line tripped at 07:07 hr. due to tension insulator broken at tower No: 11 bottom phase (B phase). The broken conductor collapse on 400KV Pune-GIS-Pune-PG-2 and circuit-2 is also tripped at 07:07 hr.)* 08.07.2023 23:18:22 INDIA P. Pandharikar (60021315) Phone 8554993381* fault is in Adani Jurisdiction.
CKT	400kV PUNE-PUNE GIS-2	OMS U	08-07-2023	07:07:00	08-07-2023	22:58:00	0.66	0.00	15.85	0.00	0.00	100.00	* Line tripped on B- phase to Ground fault . FD:1.195 KM , FC:19.219 KA from Pune(T) end and FD: 62.804 KM and FC: 2.696KA from Pune(GIS) end (Double end data) . (400KV Pune-GIS-Pune-PG-1 line tripped at 07:07 hr due to tension insulator broken at tower No: 11 bottom phase (B phase). The broken conductor collapse on 400KV Pune-GIS-Pune-PG-2 and circuit-2 is also tripped at 07:07hr.)* 08.07.2023 23:25:07 INDIA P. Pandharikar (60021315) Phone 8554993381* Fault is in ADANI jurisdiction.
CKT	400kV PUNE GIS-AURANGABAD(MSETCL)-1	GOV C	28-07-2023	03:13:00	28-07-2023	07:39:00	0.19	0.00	0.00	4.43	0.00	100.00	* Line tripped on Over voltage at Waju end.
CKT	400kV PUNE GIS-AURANGABAD(MSETCL)-1	LPRD	05-07-2023	08:12:00	12-07-2023	10:58:00	7.12	0.00	0.00	0.00	170.77	98.86	* Line H/T as per WRLDC instructions for Power regulation.
CKT	400kV PUNE GIS-AURANGABAD(MSETCL)-1	OSPT	20-07-2023	10:54:00	20-07-2023	19:18:00	0.35	8.40	0.00	0.00	0.00	98.86	* 401L AMP Work and For BHEL Insulator Replacement work.* 20.07.2023 19:21:20 INDIA P. Pandharikar (60021315) Phone 8554993381* AMP work carried out at both ends. Relay testing works at Pune GIS end.
CKT	400kV PUNE GIS-AURANGABAD(MSETCL)-2	LPRD	13-07-2023	08:03:00	20-07-2023	10:45:00	7.11	0.00	0.00	0.00	170.70	98.75	* Line H/T as per instructions of WRLDC for Power Regulation.
CKT	400kV PUNE GIS-AURANGABAD(MSETCL)-2	LPRD	01-07-2023	00:00:01	04-07-2023	14:45:00	3.62	0.00	0.00	0.00	0.00	257.45	* Line H/T as per instructions of WRLDC for Power Regulation.
CKT	400kV PUNE GIS-PUNE-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PUNE GIS-PUNE-4	OMS U	24-07-2023	20:13:00	25-07-2023	06:34:00	0.43	0.00	10.35	0.00	0.00	100.00	* Line tripped on Bph-G fault, Pune GIS double end details: FD=30.30Km, FC= 8.56KA, Pune (PG) double end details: FD=34.69Km, FC= 7.87KA. Fault is in Adani Jurisdiction.
CKT	400kV RAIGARH-KOTRA PS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIGARH-KOTRA PS-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIGARH-KOTRA PS-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

Standard of Performance data for the month of July-2023
Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., WESTERN REGION-1

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE TO Others	OUTAGE ATTRIBUTABLE TO System Constraint	OUTAGE ATTRIBUTABLE TO Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV RAIPUR-BHADRAWATI-1	LART	22-07-2023	18:10:00	22-07-2023	18:10:00	0.00	0.00	0.00	0.00	0.00		* Line Auto Reclosed successfully on R ph to Earth Fault. Fault Distance is 41.2 km and Fault Current 7.46KA from Raipur end. Fault Distance is 258.40 km and Fault Current 1.50 KA from Bhadravati end.* 01.08.2023 21:50:34 INDIA Krishnanjaneyulu Machha (60001973)* FLASH OVER MARKS FOUND ON INSULATOR ARCING HORN,CC Ring <-&-> Hardware fitting,Aluminium bond at Earth Peak AT TOWER NO 104.
CKT	400kV RAIPUR-BHADRAWATI-1	OSPT	01-07-2023	13:32:00	01-07-2023	15:47:00	0.09	2.25	0.00	0.00	0.00	99.70	* Line H/T for taking Line reactor in service at Raipur End
CKT	400kV RAIPUR-BHADRAWATI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
CKT	400kV RAIPUR-BHADRAWATI-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-BHILAI(CSEB)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-RAIGARH-1	OSPT	21-07-2023	09:38:00	21-07-2023	19:56:00	0.43	10.30	0.00	0.00	0.00	98.62	* For AMP works. A/R to be kept in Non-Auto mode for 400KV-RAIGARH-RAIPUR-2
CKT	400kV RAIPUR-RAIGARH-2	OSFT	04-07-2023	11:05:00	05-07-2023	05:39:00	0.77	18.57	0.00	0.00	0.00	97.50	* Emergency outage availed for attending major oil leakage on Line Reactor (from top of Main Tank) at Raipur SS
CKT	400kV RAIPUR-RAIGARH-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-RAIGARH-4	LART	06-07-2023	00:14:00	06-07-2023	00:14:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successfully operated on Y-E fault. Fault details at Raigarh end (AFAS) : Main-1: FC-3.960kA,FD-76.727Km <-&-> Main-2: FC-3.949kA= ,FD-76.361Km* 01.08.2023 21:39:14 INDIA Krishnanjaneyulu Machha (60001973)* Flashover Marks Observed on Insulator String Y-Phase,at Loc. No. 205 .
CKT	400kV RAIPUR-RAIPUR PS(DURG)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-RAIPUR PS(DURG)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-WARDHA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-WARDHA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RANCHI-SIPAT(NTPC)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RANCHI-SIPAT(NTPC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROURKELA-JHARSUGUDA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROURKELA-JHARSUGUDA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROURKELA-JHARSUGUDA-3	OMS U	07-07-2023	08:53:00	07-07-2023	19:27:00	0.44	0.00	10.57	0.00	0.00		* replacement of Y Ph Line CT at Rourkela SS on account of DGA Violation
CKT	400kV ROURKELA-JHARSUGUDA-3	OMS U	14-07-2023	13:03:00	14-07-2023	18:25:00	0.22	0.00	5.37	0.00	0.00		* Emergency SD has availed for 400KV Jharsuguda - Rourkela #3 to attend Hotspot in Isolator arm at Rourkela end from 13:03Hrs on 14.07.2023 to 18:25Hrs on 14.07.2023.
CKT	400kV ROURKELA-JHARSUGUDA-4	OMS U	29-07-2023	17:10:00	30-07-2023	00:44:00	0.32	0.00	7.57	0.00	0.00		* 400 KV Jharsuguda - Rourkela # 4 tripped at 17:10 Hrs on 29/07/2023. Relay details: Jhar7.75 KA* R-ph LA failed at Jharsuguda end. Line restored at 00:44 Hrs on 30/07/2023.
CKT	400kV SEONI-KIRNAPUR(MPPTCL)	OSPD	22-07-2023	09:55:00	22-07-2023	21:41:00	0.49	0.00	0.00	0.00	11.77		* Outage availed by Kirnapur(MPPTCL)
CKT	400kV SEONI-SATPURA(MPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SOLAPUR(NTPC)-SOLAPUR-1	OSPD	28-07-2023	11:10:00	31-07-2023	16:59:00	3.24	0.00	0.00	0.00	77.82		* Outage availed by NTPC for Preventative Maint. Checks, CKT-2 A/R off may be given to WR-1
CKT	400kV SOLAPUR(NTPC)-SOLAPUR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SOLAPUR(NTPC)-SOLAPUR-3	OSPD	21-07-2023	11:25:00	21-07-2023	17:36:00	0.26	0.00	0.00	0.00	6.18		* **Outage availed by NTPC for CT replacement in 406 bay at Solapur (NTPC) end.**
CKT	400kV SOLAPUR(NTPC)-SOLAPUR-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SIPAT(NTPC)-RAIPUR-1	LART	06-07-2023	19:51:00	06-07-2023	19:51:00	0.00	0.00	0.00	0.00	0.00		* Line Auto Reclosed successfully on Y-ph to Earth Fault. Fault Distance is 5.3Km from Korba (NTPC) end. Suspected fault tower location is 20. Suspected fault tower section is 15-25. Patrolling may be done from 10-30. Fault is in Korba TLM Jurisdiction.* 03.08.2023 12:51:02 INDIA Krishnanjaneyulu Machha (60001973)* Flashover marks found between Insulator <-&-> Corona ring at Loc no.140
CKT	400kV SIPAT(NTPC)-RAIPUR-2	LART	15-07-2023	14:46:00	15-07-2023	14:46:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successful on Y-ph to Ground fault. Fault details at Raipur end; M1: Y-G, 87.99km, 3.84KA. M2: Y-G, 87.99km, 3.84KA. At Sipat end: M1: Y-G, 46.7km, 6.8KA.* 03.08.2023 13:22:05 INDIA Krishnanjaneyulu Machha (60001973)** Flashover mark observed on Insulator at Loc no.140
CKT	400kV SIPAT(NTPC)-RAIPUR-2	OSPT	13-07-2023	10:51:00	13-07-2023	21:58:00	0.46	11.12	0.00	0.00	0.00	98.51	* FOR SHUTDOWN NATURE DEFECT RECTIFICATION.AR in non auto mode of 400KV-SIPAT-RAIPUR-1
CKT	400kV SIPAT(NTPC)-RAIPUR-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV VINDHYACHAL(NTPC)-KORBA(NTPC)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

Standard of Performance data for the month of July-2023
Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., WESTERN REGION-1

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTE TO ISTS Licensee	OUTAGE ATTRIBUTE To Others	OUTAGE ATTRIBUTE To System Constraint	OUTAGE ATTRIBUTE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV VINDHYACHAL(NTPC)-KORBA(NTPC)-2	LART	22-07-2023	20:34:00	22-07-2023	20:34:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line Auto Reclosed successfully on R ph to Earth Fault. Fault Distance is 20 km from Korba end. Suspected fault tower location is 441. Suspected fault tower section is 436-446. Patrolling may be done from 431-451. Fault is in Korba TLM Jurisdiction.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV WARDHA-AKOLA(MSETCL)-1	OSPT	25-07-2023	09:25:00	25-07-2023	19:46:00	0.43	10.35	0.00	0.00	0.00	98.61	* For Line Bay Amp Works. A/R to be kept in Non-Auto mode for 400KV-WARDHA-AKOLA-2
							0.43	10.35	0.00	0.00	0.00	98.61	
CKT	400kV WARDHA-AKOLA(MSETCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV WARDHA-AURANGABAD-1	OSPT	29-07-2023	09:32:00	29-07-2023	20:13:00	0.45	10.68	0.00	0.00	0.00	98.56	* For Line Bay Amp Works. AR to be kept in non Auto mode for 400KV-WARDHA-AURANGABAD-2
							0.45	10.68	0.00	0.00	0.00	98.56	
CKT	400kV WARDHA-AURANGABAD-2	OSPT	28-07-2023	09:47:00	28-07-2023	18:57:00	0.38	9.17	0.00	0.00	0.00	100.00	* For Line Bay AMP Works. A/R to be kept in Non-Auto mode for 400KV-WARDHA-AURANGABAD-1.
CKT	400kV WARDHA-AURANGABAD-2	OMSU	05-07-2023	16:23:00	05-07-2023	18:59:00	0.11	0.00	2.60	0.00	0.00	100.00	* Emergency outage availed for removal of 02Nos Monkeys sit on jumper at loc. No.253 in Wardha TLM jurisdiction.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV WARDHA-AURANGABAD-2	LART	16-07-2023	21:22:00	16-07-2023	21:22:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R successful on R-ph to Ground fault* 01.08.2023 21:46:03 INDIA Krishnanjaneyulu Machha (60001973)* Flashover Marks Observed on Corona Ring at Loc. No.938 .TFR Values at Loc. No. 938 LegA_4.0 Ohm, LegB_3.9 Ohm, LegC_ 4.1 Ohm, LegD_3.9 Ohm.
CKT	400kV WARDHA-AURANGABAD-2	LART	26-07-2023	01:47:00	26-07-2023	01:47:00	0.00	0.00	0.00	0.00	0.00	98.76	* Line Auto Reclosed operated successfully on B ph to Earth Fault. Fault Distance is 357 Km , Fault Current : 1.228 KA from Wardha end and FD: 0.757 KA <-&-> FC: 31.084 KA from Aurangabad end.* 03.08.2023 13:27:44 INDIA Krishnanjaneyulu Machha (60001973)* Flashover mark on Insulator at Loc no 940
							0.49	9.17	2.60	0.00	0.00	98.76	
CKT	400kV WARDHA-WARORA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV WARDHA-WARORA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV WARORA-PARLI-1	OSPT	05-07-2023	09:26:00	05-07-2023	21:05:00	0.49	11.65	0.00	0.00	0.00	98.43	* AR scheme modification and Relay testing.AMP
							0.49	11.65	0.00	0.00	0.00	98.43	
CKT	400kV WARORA-PARLI-2	LART	01-07-2023	14:46:00	01-07-2023	14:46:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R successfully operated on R-E fault. Fault distance is 98Km from Warora. Suspected fault tower location is 264. Suspected fault tower section is 259-269. Patrolling may be done from 254-274. Fault is in Warora TLM Jurisdiction.* 02.08.2023 11:20:23 INDIA Nakka Nataraj (60031136)** Flashover Marks Observed alongwith small hole on CC ring at Loc. No. 264.TFR Values at Loc. No. 264 LegA 63.5Ohm, LegB 2.8 Ohm, LegC 4.1 Ohm, LegD 2.7 Ohm.
CKT	400kV WARORA-PARLI-2	LART	04-07-2023	18:14:00	04-07-2023	18:14:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line Auto Reclosed successfully on B-ph to Ground Fault. Fault Distance is 172 Kms from Warora end. Suspected fault tower location is 459. Suspected fault tower section is 454-464. Patrolling may be done from 449-469. Fault is in Nanded TLM Jurisdiction.* 01.08.2023 21:33:13 INDIA Krishnanjaneyulu Machha (60001973)* Heavy Wind and Lighting around 17:30 to 18:45 on 04.07.2023.* 03.08.2023 13:49:54 INDIA Krishnanjaneyulu Machha (60001973)* Flashover marks observed between CC <-&-> Insulator at Loc no 570
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV AURANGABAD-PADGHE GIS	LART	19-07-2023	04:17:00	19-07-2023	04:17:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line Auto Reclosure successful on B-G fault, Fault details- 115km, 3.66kA from Padghe end. Suspected fault tower location is 460. Suspected fault tower section is 455-465. Patrolling may be done from 450 to 470. Fault is in Shiridi TLM jurisdiction.* 03.08.2023 16:09:01 INDIA Krishnanjaneyulu Machha (60001973)** Flash over marks observed on CC ring at Loc no.452
CKT	765kV AURANGABAD-PADGHE GIS	LPRD	21-07-2023	02:40:00	22-07-2023	17:15:00	1.61	0.00	0.00	0.00	38.58	100.00	* Line H/T as per WRDLC instructions for Power Regulation and to convert Line Reactor at Aurangabad end as Bus reactor.
							1.61	0.00	0.00	0.00	38.58	100.00	
CKT	765kV AURANGABAD-PUNE GIS	LVRD	29-07-2023	00:12:00	31-07-2023	23:59:59	2.99	0.00	0.00	0.00	71.80	100.00	* Line H/T as per WRDLC instruction amd SLR converted as BR at 00:45hrs at Pune GIS end at Aurangabad SS SLR converted as BR at 00:38hrs for Voltage regulation.
CKT	765kV AURANGABAD-PUNE GIS	LVRD	22-07-2023	17:50:00	26-07-2023	06:53:00	3.54	0.00	0.00	0.00	85.05	100.00	* Line H/T as per WRDLC instruction and SLRs at Both ends converted as B/R at 18:22hrs. for Voltage regulation.
CKT	765kV AURANGABAD-PUNE GIS	LPRD	01-07-2023	00:00:01	21-07-2023	02:31:00	20.11	0.00	0.00	0.00	482.52	100.00	* Line H/T as per instructions of WRDLC for Power Regulation. SLR kept open at both ends for Voltage Regulation.
							26.64	0.00	0.00	0.00	639.37	100.00	
CKT	765kV BILASPUR-DHARAMJAYGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV BILASPUR-SEONI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV BILASPUR-SEONI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV CHAMPA-KOTRA PS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV CHAMPA-RAIPUR PS(DURG)-1	LVRD	08-07-2023	13:57:00	11-07-2023	11:27:00	2.90	0.00	0.00	0.00	69.50	100.00	* Line H/T as per instructions of WRDLC for Voltage Regulation.
							2.90	0.00	0.00	0.00	69.50	100.00	
CKT	765kV CHAMPA-RAIPUR PS(DURG)-2	LVRD	01-07-2023	00:00:01	04-07-2023	11:08:00	3.46	0.00	0.00	0.00	83.13	100.00	* Line H/T as per WRDLC instructions for Voltage Regulation .
CKT	765kV CHAMPA-RAIPUR PS(DURG)-2	LVRD	20-07-2023	08:56:00	31-07-2023	23:59:59	11.63	0.00	0.00	0.00	279.07	100.00	* Line H/T as per WRDLC instructions for Voltage Regulation
							15.09	0.00	0.00	0.00	362.20	100.00	
CKT	765kV CHAMPA-DHARAMJAYGARH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV RANCHI-DHARAMJAYGARH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV RANCHI-DHARAMJAYGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV JHARSUGUDA-DHARAMJAYGARH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV JHARSUGUDA-DHARAMJAYGARH-2	LEFT	04-07-2023	17:17:00	04-07-2023	18:15:00	0.04	0.97	0.00	0.00	0.00	99.87	* Line tripped on Bphase-Ground fault. AFAS Double end: FD-139.37Kms, FC-5.45KA from Dharamjaygarh end, FD-12.128Kms, FC-25.62KA from Jharsuguda end. Fault is in Odisha TLM jurisdiction.* 02.08.2023 11:24:30 INDIA Nakka Nataraj (60031136)** During post fault patrolling fault found at Loc no-31(DC+0), where flashover mark found between Arching horn to jumper conductor of B-phase (Top).
							0.04	0.97	0.00	0.00	0.00	99.87	
CKT	765kV JHARSUGUDA-DHARAMJAYGARH-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV JHARSUGUDA-DHARAMJAYGARH-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	

Standard of Performance data for the month of July-2023
Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., WESTERN REGION-1

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBU TABLE TO ISTS Licensee	OUTAGE ATTRIBU TABLE To Others	OUTAGE ATTRIBU TABLE To System Constraint	OUTAGE ATTRIBU TABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	765kV KOTRA PS-RAIPUR PS(DURG)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV KOTRA PS-RAIPUR PS(DURG)-2	OSFT	19-07-2023	10:17:00	19-07-2023	16:35:00	0.26	6.30	0.00	0.00	0.00	99.15	* Emergency shutdown availed by Durg SS to attend slipped jumpetr from its holding plate at gantry tower.
CKT	765kV KOTRA PS-TAMNAR PS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV KOTRA PS-TAMNAR PS-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765KV-PUNE GIS-PADGHE GIS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV RAIPUR PS(DURG)-WARDHA-1	LART	20-07-2023	11:08:00	20-07-2023	11:08:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line Auto Reclosed successfully on B ph to Earth Fault. Fault Distance is 165km from Wardha end. Suspected fault tower location is 504. Suspected fault tower section is 499-509. Patrolling may be done from 494-514. Fault is in Brahmapuri TLM Jurisdiction.* 01.08.2023 21:48:40 INDIA Krishnanjaneyulu Machha (60001973)* FLASH OVER MARKS FOUND ON INSULATOR AND ARCING HORN AT TOWER NO 496 (WARDHA END).TFR Values at Loc. No. 496 LegA_4.0 Ohm, LegB_4.2 Ohm, LegC_3.8Ohm, LegD_3.3 Ohm.
CKT	765kV RAIPUR PS(DURG)-WARDHA-1	LVRD	01-07-2023	00:00:01	31-07-2023	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* Line H/T as per WRDLC instructions for voltage Regulation and SLR charged as BR at 17:13 Hrs at Durg end.
CKT	765kV RAIPUR PS(DURG)-WARDHA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV RAIPUR PS(DURG)-WARDHA-3	LVRD	01-07-2023	00:00:01	24-07-2023	10:53:00	23.45	0.00	0.00	0.00	562.88	100.00	* To keep out 765KV Wardha-Durg Ckt 3 on VR and Convert SLR as BR at Durg End .
CKT	765kV RAIPUR PS(DURG)-WARDHA-4	OSPT	24-07-2023	11:09:00	24-07-2023	22:34:00	0.48	11.42	0.00	0.00	0.00	98.47	* For Line Bay Amp Works.
CKT	765kV SEONI-WARDHA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV SEONI-WARDHA-2	LCSD	26-07-2023	10:58:00	26-07-2023	13:58:00	0.13	0.00	0.00	0.00	3.00	99.15	* For spare normalization i.e. taking spare out of service. Last date of spare taken in to service was on 04.05.2023 in place of 765kV warha-seoni-2 B-ph line reactor at Wardha end.
CKT	765kV SEONI-WARDHA-2	OSPT	26-07-2023	13:58:00	26-07-2023	20:17:00	0.26	6.32	0.00	0.00	0.00	99.15	* For spare normalization i.e. taking spare out of service. Last date of spare taken in to service was on 04.05.2023 in place of 765kV warha-seoni-2 B-ph line reactor
CKT	765kV SOLAPUR-AURANGABAD-1	LVRD	01-07-2023	00:00:01	03-07-2023	10:17:00	2.43	0.00	0.00	0.00	58.28	100.00	* Line H/T as per WRDLC instructions for Voltage Regulation and SLR converted as BR at Solapur @ 22:19 hrs. but SLR not converted as BR at Aurangabad end.
CKT	765kV SOLAPUR-AURANGABAD-2	LVRD	18-07-2023	02:29:00	31-07-2023	23:59:59	13.90	0.00	0.00	0.00	333.52	100.00	* Line H/T and SLR is converted to BR at both end for Voltage Regulation as per instructions of WRDLC.
CKT	765kV SOLAPUR-AURANGABAD-2	LVRD	17-07-2023	01:16:00	17-07-2023	07:59:00	0.28	0.00	0.00	0.00	6.72	100.00	* Line H/T as per instructions of WRDLC for Volatge Regulation and SLR charged as BR at Solapur at 01:56 Hrs and at Aurangabad at 02:51 Hrs.
CKT	765kV SOLAPUR-PUNE GIS	LNCC	26-07-2023	05:03:00	26-07-2023	14:22:00	0.39	0.00	0.00	9.32	0.00	100.00	* Line tripped on B ph to Earth Fault. Fault deatails at Pune GIS: B-G, 6.105KA, 75.54km. Test charging attempted but tripped on RYB-G fault from Pune GIS. Fault details at Pune GIS: RYB-G, 6.986KA, 114.155km.* 03.08.2023 13:33:30 INDIA Krishnanjaneyulu Machha (60001973)* Flashover mark on Insulator at Loc no 540
CKT	765kV SOLAPUR-PUNE GIS	LART	26-07-2023	01:58:00	26-07-2023	01:58:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line Auto Reclosed operated successfully on B ph to Earth Fault. Fault Distance is 91km from PUNE (GIS). Suspectd fault tower location is 497. Suspected fault tower section is 492-502. Patrolling may be done from 487-507. Fault is in Pune TLM jurisdiction.* 03.08.2023 13:30:50 INDIA Krishnanjaneyulu Machha (60001973)* Flashover mark on Insulator at Loc no 540
CKT	765kV SIPAT(NTPC)-BILASPUR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV SIPAT(NTPC)-BILASPUR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV WARDHA-AURANGABAD-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV WARDHA-AURANGABAD-2	LART	04-07-2023	17:34:00	04-07-2023	17:34:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line Auto Reclosed successfully on B-ph to Ground Fault. Fault Distance is 90Kms from Wardha end. Suspected fault tower location is 240. Suspected fault tower section is 235-245. Patrolling may be done from 230-250. Fault is in Wardha TLM Jurisdiction.* 01.08.2023 21:29:29 INDIA Krishnanjaneyulu Machha (60001973)** Flashover Marks Observed on CC Ring.at Loc. No. 249 .TFR Values at Loc. No. 249 LegA 6.6Ohm, LegB 6.5 Ohm, LegC 7.5 Ohm, LegD 10.0 Ohm.
CKT	765kV WARDHA-AURANGABAD-2	LVRD	21-07-2023	01:30:00	31-07-2023	23:59:59	10.94	0.00	0.00	0.00	262.50	100.00	* Line H/T as per WRDLC instructions for Voltage Regulation
CKT	765kV WARDHA-AURANGABAD-3	LVRD	02-07-2023	01:34:00	18-07-2023	08:38:00	16.29	0.00	0.00	0.00	391.07	100.00	* Line H/T and SLR is converted to BR at hrs. at Wardha end for Voltage Regulation as per instructions of WRDLC.
CKT	765kV WARDHA-AURANGABAD-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,LR OF WARDHA-2 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,LR OF WARDHA-1 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,LR OF BOISAR-2 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,LR OF BOISAR-1 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF PADGHE-2 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF PADGHE-1 AT AURANGABAD	SVRD	01-07-2023	00:00:01	31-07-2023	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* SLR H/T as per WRDLC instructions for Voltage Regulation

Standard of Performance data for the month of July-2023
Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., WESTERN REGION-1

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTE TO IISTS Licensee	OUTAGE ATTRIBUTE To Others	OUTAGE ATTRIBUTE To System Constraint	OUTAGE ATTRIBUTE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
LNR	240MVAR,SWLR OF PADGHE-1 AT AURANGABAD	SVRD	01-07-2023	00:00:01	01-07-2023	00:06:00	0.00	0.00	0.00	0.00	0.10		* SLR kept open as per WRLDC instructions for Voltage Regulation
							31.00	0.00	0.00	0.00	744.10	100.00	
LNR	240MVAR,SWLR OF SOLAPUR-1 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF SOLAPUR-2 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF SEONI-1 AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF SEONI-2 AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF RAJNANGAON-1 AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF RAJNANGAON-2 AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF DHARAMJYGARH AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JABALPUR-2 AT KORBA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JABALPUR-1 AT KORBA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JARSUGUDA-4 AT KORBA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JARSUGUDA-3 AT KORBA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JABALPUR-3 AT KORBA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JABALPUR-4 AT KORBA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JARSUGUDA-2 AT KORBA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JARSUGUDA-1 AT KORBA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF DURG-2 AT KOTRA PS	OMS U	04-07-2023	11:54:00	04-07-2023	19:42:00	0.33	0.00	7.80	0.00	0.00		* FOR LINE AND SLR AMP WORK
							0.33	0.00	7.80	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF DURG-1 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF PUNE GIS-1 AT PUNE	SVRD	12-07-2023	11:48:00	31-07-2023	23:59:59	19.51	0.00	0.00	0.00	468.20		* SLR H/T as per WRLDC instructions for VR
							19.51	0.00	0.00	0.00	468.20	100.00	
LNR	50MVAR,SWLR OF PUNE GIS-2 AT PUNE	SVRD	12-07-2023	11:49:00	31-07-2023	23:59:59	19.51	0.00	0.00	0.00	468.18		* SLR H/T as per WRLDC instructions for VR
							19.51	0.00	0.00	0.00	468.18	100.00	
LNR	50MVAR,SWLR OF PUNE GIS-3 AT PUNE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF PUNE GIS-4 AT PUNE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF SHOLAPUR AT PUNE GIS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	18-07-2023	09:04:00	19-07-2023	21:11:00	1.51	0.00	0.00	0.00	36.12		* SLR H/T as per WRLDC instructions for VR
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	10-07-2023	09:46:00	14-07-2023	20:40:00	4.45	0.00	0.00	0.00	106.90		* BR H/T as per WRLDC instructions for Voltage Regulation.
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	17-07-2023	08:56:00	17-07-2023	21:50:00	0.54	0.00	0.00	0.00	12.90		* SLR H/T as per WRLDC instructions for VR
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	03-07-2023	09:12:00	06-07-2023	21:36:00	3.52	0.00	0.00	0.00	84.40		* SLR H/T as per WRLDC instructions for Voltage Regulation
							10.02	0.00	0.00	0.00	240.32	100.00	
LNR	240MVAR,SWLR OF JARSUGUDA-1 AT RAIPUR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	

Standard of Performance data for the month of July-2023
Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., WESTERN REGION-1

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTE TO ISTS Licensee	OUTAGE ATTRIBUTE To Others	OUTAGE ATTRIBUTE To System Constraint	OUTAGE ATTRIBUTE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
LNR	240MVAR,SWLR OF JARSUGUDA-2 AT RAIPUR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF WARDHA-1 AT RAIPUR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF WARDHA-2 AT RAIPUR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF WARDHA-3 AT RAIPUR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF WARDHA-4 AT RAIPUR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF KORBA-3 AT RAIPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF WARDHA-1 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF WARDHA-2 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF BINA-1 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,SWLR OF KARAD AT SHOLAPUR	SVRD	01-07-2023	00:00:01	31-07-2023	23:59:59	31.00	0.00	0.00	0.00	744.00		* SLR H/T as per WRLDC instructions for Voltage Regulation
							31.00	0.00	0.00	0.00	744.00	100.00	
LNR	240MVAR,SWLR OF AURANGABAD-1 AT SHOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF AURANGABAD-2 AT SHOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF PUNE AT SOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF RAICHUR-2 AT SOLAPUR	OMS U	04-07-2023	21:22:00	31-07-2023	23:59:59	27.11	0.00	650.63	0.00	0.00		* SLR tripped due to implementation of Ferroresonance scheme at Solapur s/s as 765KV Solapur Raichur ckt#2 Auto Reclosed on R-E fault.
							27.11	0.00	650.63	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF RAICHUR-1 AT SOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,LR OF AURANGABAD-1 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,LR OF AURANGABAD-2 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF NIZAMABAD-1 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF NIZAMABAD-2 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,LR OF AURANGABAD-2 AT WARDHA	LVRD	21-07-2023	01:30:00	27-07-2023	23:33:00	6.92	0.00	0.00	0.00	166.05		* Line H/T as per WRLDC instructions for Voltage Regulation along with SLR. SLR converted as BR on 27.07.2023 @23:33hrs
							6.92	0.00	0.00	0.00	166.05	100.00	
LNR	330MVAR,LR OF AURANGABAD-1 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,LR OF AURANGABAD-3 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,LR OF AURANGABAD-4 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
STATCOM	-300/+300 MVAR STATCOM AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
STATCOM	-300/+300 MVAR STATCOM AT SHOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
VALVE_HALL	500MW,BHADRAWATI HVDC BTB POLE-1	OMST	19-07-2023	12:31:00	19-07-2023	19:11:00	0.28	6.67	0.00	0.00	0.00		* Pole I blocked due to thyristor redundancy alarm.
VALVE_HALL	500MW,BHADRAWATI HVDC BTB POLE-1	OMS U	25-07-2023	19:10:00	25-07-2023	23:09:00	0.17	0.00	3.98	0.00	0.00		* Pole Blocked due to tripping of both 400KV Ramagundam-Bhadrawati line 1= <-><->>2
VALVE_HALL	500MW,BHADRAWATI HVDC BTB POLE-1	OMST	22-07-2023	10:41:00	22-07-2023	21:28:00	0.45	10.78	0.00	0.00	0.00		* Emergency outage availed by Bhadravati for rectification of faulty thyristor levels.
							0.90	17.45	3.98	0.00	0.00	97.64	

