

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

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
BSR 125MVAR, BUS REACTOR-1 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00	0.00	0.00	0.00	100.00	
BSR 240MVAR, BUS REACTOR-1 AT AURANGABAD	SVRD	13-09-2023	10:55:00	16-09-2023	22:15:00	3.47	0.00	0.00	0.00	0.00	83.33	* BR H/T as per WRDLC instructions for VR
BSR 240MVAR, BUS REACTOR-1 AT AURANGABAD	SVRD	06-09-2023	09:27:00	06-09-2023	20:21:00	0.45	0.00	0.00	0.00	10.90		* BR H/T as per WRDLC instructions for Voltage Regulation
BSR 240MVAR, BUS REACTOR-1 AT AURANGABAD	SVRD	01-09-2023	10:24:00	01-09-2023	21:09:00	0.45	0.00	0.00	0.00	10.75		* BR H/T as per WRDLC instructions for Voltage Regulation
						4.37	0.00	0.00	0.00	104.98	100.00	
BSR 240MVAR, BUS REACTOR-2 AT AURANGABAD	SVRD	20-09-2023	11:02:00	20-09-2023	23:06:00	0.50	0.00	0.00	0.00	12.07		* BR H/T as per WRDLC instructions for Voltage Regulation
						0.50	0.00	0.00	0.00	12.07	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	SVRD	04-09-2023	15:02:00	07-09-2023	20:10:00	3.21	0.00	0.00	0.00	0.00	77.13	* BR H/T as per WRDLC instructions for Voltage Regulation
BSR 80MVAR, BUS REACTOR-1 AT DHULE	SCSD	21-09-2023	09:20:00	21-09-2023	21:03:00	0.49	0.00	0.00	0.00	11.72		* Outage availed by MSETCL for MTAMC Project work:- Retrofitting of REF Protection relay, Master trip relays etc. This work is carry out in presence of SIMENS and PowerGrid personnel.
						3.70	0.00	0.00	0.00	0.00	88.85	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			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 KOLHAPUR	SVRD	01-09-2023	00:00:01	30-09-2023	23:59:59	30.00	0.00	0.00	0.00	0.00	720.00	* BR H/T as per WRDLC instructions for Voltage Regulation
						30.00	0.00	0.00	0.00	0.00	720.00	100.00
BSR 80MVAR, BUS REACTOR-1 AT KOLHAPUR MSETCL	SVRD	01-09-2023	00:00:01	30-09-2023	23:59:59	30.00	0.00	0.00	0.00	0.00	720.00	* BR H/T as per WRDLC instructions for Voltage Regulation
BSR 80MVAR, BUS REACTOR-1 AT KOLHAPUR MSETCL	SVRD	25-09-2023	11:01:00	27-09-2023	00:24:00	1.56	0.00	0.00	0.00	37.38		* BR H/T as per WRDLC instructions for Voltage Regulation.
BSR 80MVAR, BUS REACTOR-1 AT KOLHAPUR MSETCL	SVRD	02-09-2023	09:19:00	04-09-2023	18:12:00	2.37	0.00	0.00	0.00	56.88		* BR H/T as per WRDLC instructions for Voltage Regulation.
						33.93	0.00	0.00	0.00	0.00	814.26	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	OSPT	25-09-2023	10:02:00	25-09-2023	19:24:00	0.39	9.37	0.00	0.00	0.00		* AMP as per Maintenance schedule
						0.39	9.37	0.00	0.00	0.00	98.70	
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	15-09-2023	10:10:00	18-09-2023	21:46:00	3.48	0.00	0.00	0.00	0.00	83.60	* BR H/T as per WRDLC instructions for Voltage Regulation
BSR 50MVAR, BUS REACTOR-1 AT MAPUSA	SVRD	01-09-2023	00:00:01	14-09-2023	19:22:00	13.81	0.00	0.00	0.00	0.00	331.37	* BR H/T as per WRDLC instructions for Voltage Regulation
						17.29	0.00	0.00	0.00	0.00	414.97	100.00
BSR 240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	12-09-2023	11:15:00	12-09-2023	18:53:00	0.32	0.00	0.00	0.00	7.63		* BR H/T as per WRDLC instructions for Voltage Regulation
BSR 240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	23-09-2023	10:32:00	23-09-2023	21:07:00	0.44	0.00	0.00	0.00	10.58		* BR H/T as per WRDLC instructions for Voltage Regulation
BSR 240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	26-09-2023	11:11:00	26-09-2023	20:24:00	0.38	0.00	0.00	0.00	9.22		* BR H/T as per WRDLC instructions for Voltage Regulation.
BSR 240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	14-09-2023	10:01:00	15-09-2023	00:06:00	0.59	0.00	0.00	0.00	14.08		* BR H/T as per WRDLC instructions for Voltage Regulation
BSR 240MVAR, BUS REACTOR-1 AT PADGHE GIS	SVRD	25-09-2023	08:45:00	25-09-2023	21:18:00	0.52	0.00	0.00	0.00	12.55		* BR H/T as per WRDLC instructions for Voltage Regulation.



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Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO 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 240MVAR, BUS REACTOR-2 AT SOLAPUR	SVRD	15-09-2023	10:03:00	15-09-2023	23:08:00	0.00	0.00	0.00	0.00	0.00	13.08	100.00	* BR H/T as per WRDLC instructions for Voltage Regulation
						0.55	0.00	0.00	0.00	0.00	13.08	100.00	
BSR 240MVAR, BUS REACTOR-1 AT TAMNAR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	
						0.00	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	0.00	100.00	
						0.00	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	0.00	100.00	
						0.00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR 63MVAR, BUS REACTOR-2 AT WARDHA	OSPT	18-09-2023	15:20:00	18-09-2023	19:57:00	0.19	4.62	0.00	0.00	0.00	0.00	99.36	* For Replacement of Old BHEL Insulators on gantries of element // Outage 400 KV Bus 2 B is proposed along with approved OCC outages 400 KV BUS 2A (Sr. No.942), 400 KV Bus Reactor 2 ( Sr. No.953)
						0.19	4.62	0.00	0.00	0.00	0.00	99.36	
BSR 330MVAR, BUS REACTOR-2 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	
						0.00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR 63MVAR, BUS REACTOR-3 AT WARDHA	OSPT	18-09-2023	10:15:00	18-09-2023	15:12:00	0.21	4.95	0.00	0.00	0.00	0.00	99.31	* For Replacement of Old BHEL Insulators on gantries of element // Outage 400 KV Bus 2 B is proposed along with approved OCC outages 400 KV BUS 2A (Sr. No.942), 400 KV Bus Reactor 2 ( Sr. No.966)
						0.21	4.95	0.00	0.00	0.00	0.00	99.31	
BSR 330MVAR, BUS REACTOR-3 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	
						0.00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 220kV KORBA(CSEB)-BUDDHIPADAR(OPTCL)-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	
						0.00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400KV AKOLA(MSETCL)-AURANGABAD-1	OMS U	13-09-2023	13:17:00	13-09-2023	16:02:00	0.12	0.00	2.75	0.00	0.00	0.00	100.00	* Line tripped only at Akola end due to bus fault at Akola end.* 13.09.2023 20:47:18 INDIA P. Pandharikar (60021315) Phone 8554993381* At AKOLA ICT bus isolator (40189A) came in induction zone during operation
						0.12	0.00	2.75	0.00	0.00	0.00	100.00	
CKT 400KV AKOLA(MSETCL)-AURANGABAD-1	LART	21-09-2023	16:39:00	21-09-2023	16:39:00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	* Line Auto Reclosure successful on R-G fault. Fault details at Aurangabad: Main-1: 252.3km, 1.94kA <(>)< (>)< Main-2: 253.9km and 1.93kA and from Akola: Main-1: 74.6km and 4.34kA <(>)< (>)< Main-2: 73.5km and 4.42kA.
						0.12	0.00	2.78	0.00	0.00	0.00	100.00	
CKT 400KV AKOLA(MSETCL)-AURANGABAD-2	OMS U	13-09-2023	13:17:00	13-09-2023	16:04:00	0.12	0.00	2.78	0.00	0.00	0.00	100.00	* Line tripped only at Akola end due to bus fault at Akola end.* 13.09.2023 20:43:57 INDIA P. Pandharikar (60021315) Phone 8554993381* At AKOLA ICT bus isolator (40189A) came in induction zone during operation
						0.12	0.00	2.78	0.00	0.00	0.00	100.00	
CKT 400kV AURANGABAD-AURANGABAD(MSETCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	
						0.00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV AURANGABAD-AURANGABAD(MSETCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	
						0.00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV BHADRAWATI-CHANDRAPUR(MSEB)-1	LEFT	28-09-2023	10:56:00	28-09-2023	23:55:00	0.54	12.98	0.00	0.00	0.00	0.00	98.20	* Line Tripped on B-G fault. Fault distance is FL-16.437km, Fc-17.18kA from Bhadrawati. at Chandrapur end FL-0.58km, Fc-39.525KA.* 28.09.2023 13:49:43 INDIA Mohd Faisudin (60031122)* Revised* Line Tripped on B-G fault due to Bph CT flash over at Chandrapur (MSETCL) SS.
						0.54	12.98	0.00	0.00	0.00	0.00	98.20	
CKT 400kV BHADRAWATI-CHANDRAPUR(MSEB)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	
						0.00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV BHADRAWATI-CHANDRAPUR(MSEB)-3	OSPT	05-09-2023	08:24:00	05-09-2023	17:13:00	0.37	8.82	0.00	0.00	0.00	0.00	98.78	* Outage availed for attending CVT Oil leakage . A/R to be kept in Non-Auto mode for 400KV Bhadrawati -Chandrapur ckt - 4** 05.09.2023 17:19:46 INDIA P. Pandharikar (60021315) Phone 8554993381* B-Ph CGL make CVT replacement with spare Alstom make CVT due to deviation in* secondary voltage (+1.68 volts in each core).
						0.37	8.82	0.00	0.00	0.00	0.00	98.46	
CKT 400kV BHADRAWATI-CHANDRAPUR(MSEB)-4	OSPT	06-09-2023	08:11:00	06-09-2023	19:15:00	0.46	11.07	0.00	0.00	0.00	0.00	98.46	* Outage availed for attending CVT Oil leakage . A/R to be kept in Non-Auto mode for 400KV Bhadrawati - Chandrapur ckt - 3.
						0.46	11.07	0.00	0.00	0.00	0.00	98.46	
CKT 400kV BHADRAWATI-DHARIWAL(CESC)-2	OSPD	13-09-2023	09:32:00	13-09-2023	18:01:00	0.35	0.00	0.00	0.00	0.00	8.48	100.00	* Outage availed by Dhariwal for Bay equipments PM and testing work (CT Tan Delta, CB CRM-<(>)< (>)< DCRM)
						0.35	0.00	0.00	0.00	0.00	8.48	100.00	
CKT 400kV BHADRAWATI-DHARIWAL(CESC)-2	LART	04-09-2023	13:52:00	04-09-2023	13:52:00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R successful on R-ph to Ground fault. Fault details at Bhadrawati : FC-23kA,FD-2.17km <(>)< (>)< fault details at Dhariwal : FC-11.0862kA=FD-8.72km.
						0.00	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	0.00	100.00	
						0.00	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	0.00	100.00	
						0.00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV BHILAI(CSEB)-BHADRAWATI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	
						0.00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV BHILAI(CSEB)-KORADI(MSEB)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	
						0.00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV DHARIWAL(CESC)-PARLI-2	OSPD	14-09-2023	10:27:00	14-09-2023	11:58:00	0.06	0.00	0.00	0.00	0.00	1.52	100.00	* Line outage availed by M/s Dhariwal.
						0.06	0.00	0.00	0.00	0.00	1.52	100.00	
CKT 400kV JHARSUGUDA-RAIGARH-1	LART	02-09-2023	17:42:00	02-09-2023	17:42:00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R successful on B-G fault, Fault distance is 11.4Km from Raigarh SS.* 04.10.2023 15:24:12 INDIA Krishnanjaneyulu Machha (60001973)* LIGHTENING ON LA IN SWITCHYARD, LA COUNTER INCREASED.
						0.00	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	0.00	100.00	
						0.00	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	0.00	100.00	
						0.00	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	0.00	100.00	
						0.00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV KOLHAPUR GIS-MAPUSA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	
						0.00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV KOLHAPUR GIS-MAPUSA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	
						0.00	0.00	0.00	0.00	0.00	0.00	100.00	

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CKT 400kV KOLHAPUR(MSETCL)-KOLHAPUR GIS-1	SBBU	18-09-2023	03:23:00	18-09-2023	05:23:00	0.08	0.00	2.00	0.00	0.00		* Line tripped on receipt of Direct Trip due to BUS Bar protection operated at Kolhapur(MSETCL) end.
CKT 400kV KOLHAPUR(MSETCL)-KOLHAPUR GIS-1	OSFT	12-09-2023	10:16:00	12-09-2023	16:00:00	0.24	5.73	0.00	0.00	0.00		* ESD availed to attain one of two tension insulator strings <-&<-> few discs of other string at loc 0105 has been observed broken.
CKT 400kV KOLHAPUR(MSETCL)-KOLHAPUR GIS-2	LCSD	01-09-2023	00:00:01	30-09-2023	23:59:59	0.32	5.73	2.00	0.00	0.00	99.20	* 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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV KORBA(NTPC)-BIRSINGHPUR(MPGENCO)-2	OSPD	27-09-2023	09:56:00	30-09-2023	23:59:59	3.59	0.00	0.00	0.00	86.07		* For LILO Interconnection at BALCO Switchyard as per 2nd meeting of WRPC Dated: 04/09/2020. A/R in Non-Auto mode of 400kV Korba(NTPC)-Birsingpur Ckt-1 is required during the above line outage.
CKT 400kV KORBA(NTPC)-BIRSINGHPUR(MPGENCO)-2	SBBU	15-09-2023	04:49:00	15-09-2023	06:43:00	0.08	0.00	1.90	0.00	0.00		* Line tripped on receipt of DT from Korba NTPC due to Busbar protection operation.
CKT 400kV KORBA(NTPC)-BIRSINGHPUR(MPGENCO)-2	OSFT	10-09-2023	09:59:00	11-09-2023	00:57:00	0.62	14.97	0.00	0.00	0.00		* Line H/T on emergency basis due to sparking in line isolator at Birsinghpur(MPGENCO) end. (As informed by WR-2 at 13:11hrs/10.09.2023). * 11.09.2023 01:14:58 INDIA P. Pandharikar (60021315) Phone 8554993381* Line Bay at Birsingpur belongs to POWERGRID-WR-II. Line charged after replacement of B-phase line isolator arm at Birsingpur end.
CKT 400kV KORBA(NTPC)-KORBA(CSEB)-1	LPRD	01-09-2023	00:00:01	30-09-2023	23:59:59	4.29	14.97	1.90	0.00	86.07	97.92	* Opened to control fault level at NTPC Korba
CKT 400kV KORBA(NTPC)-RAIPUR-3	LCSD	06-09-2023	09:57:00	18-09-2023	19:24:00	12.39	0.00	0.00	0.00	297.45	100.00	* For LR Replacement by NEW BHEL LR (Approved Replacement of reactor as per residual life assessment)* 18.09.2023 20:43:56 INDIA Mohd Faisudin (60031122)* Line Charged without line reactor at raipur end.
CKT 400kV KORBA(NTPC)-RAIPUR-4	SBBU	15-09-2023	04:49:00	15-09-2023	07:31:00	0.11	0.00	2.70	0.00	0.00	100.00	* Line tripped on receipt of DT from Korba NTPC due to Busbar protection operation.
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)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV LARA(NTPC)-CHAMPA-1	LART	30-09-2023	16:45:00	30-09-2023	16:45:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line Auto Reclosed on Y-ph to Ground fault. Fault distance is 35 Kms from Lara(NTPC) end. Suspected fault tower location is 98. Suspected fault tower section is 93-103. Patrolling may be done from 90-120. Fault is in Raigarh TLM jurisdiction.* 04.10.2023 17:02:09 INDIA Krishnanjaneyulu Machha (60001973)* Flashver mark on insulator , A/H and Jumper at loc 30
CKT 400kV LARA(NTPC)-CHAMPA-2	OMS U	18-09-2023	12:25:00	18-09-2023	13:11:00	0.03	0.00	0.77	0.00	0.00	100.00	* Line tripped at Lara(NTPC) end only due to problem at Lara end* 04.10.2023 20:19:37 INDIA Krishnanjaneyulu Machha (60001973)* Tripped at LARA (NTPC) end due fault/problem at LARA end Switchyard.
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	OMS U	18-09-2023	12:25:00	18-09-2023	12:49:00	0.02	0.00	0.40	0.00	0.00	100.00	* Line tripped at Lara(NTPC) end only due to problem at Lara end.* 04.10.2023 20:21:19 INDIA Krishnanjaneyulu Machha (60001973)* Tripped at LARA (NTPC) end due fault/Problem at LARA (NTPC) Switchyard
CKT 400kV MAUDA(NTPC)-WARDHA-1	OMS U	23-09-2023	03:12:00	23-09-2023	13:23:00	0.42	0.00	10.18	0.00	0.00	100.00	* Line tripped on Zone-2 fault due to problem at heavy wind rain thunder storm persisting at Moudha generating station end. Fault details from Wardha: 129km, Fault current: Ir-4.4kA, Iy-2.2kA and Ib-5.7kA. Email has been sent to WRLCD for readiness of charging at 03:52 Hrs. Line charging code has been issued vide WRLCD-2225 but NTPC denied for charging and code cancelled. Again WRLCD code-2227 has been issued for idle charging of line from Wardha end but NTPC again denied for charging of the same from Wardha end due to non-availability of multiple generation units.
CKT 400kV MAUDA(NTPC)-WARDHA-1	OMS U	23-09-2023	03:12:00	23-09-2023	13:23:00	0.42	0.00	10.18	0.00	0.00	100.00	* Line tripped on Zone-2 fault due to heavy wind rain thunder storm persisting at Moudha generating station end. Fault details from Wardha: 129km, Fault current: Ir-4.4kA, Iy-2.2kA and Ib-5.7kA. Email has been sent to WRLCD for readiness of charging at 03:52 Hrs* 23.09.2023 12:39:21 INDIA B Umasankara Rao (60031131) Phone 9951272710* Line tripped on R-Bph fault. Fault details from Wardha: 124km. Suspected fault location is in NTPC switchyard. Tripping of 3 nos of Generation unit were also reported from NTPC. Email has been sent to WRLCD for readiness of charging at 03:52 Hrs. Line charging code has been issued vide WRLCD-2225 but NTPC denied for charging and code cancelled. Again WRLCD code-2227 has been issued for idle charging of line from Wardha end but NTPC again denied for charging of the same from Wardha end due to non-availability of multiple generation units.
CKT 400kV MAUDA(NTPC)-WARDHA-2			00:00:00		00:00:00	0.84	0.00	20.36	0.00	0.00	100.00	
CKT 400kV PADGHE GIS-KUDUS(MSETCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	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	LCSD	01-09-2023	00:00:01	30-09-2023	23:59:59	30.00	0.00	0.00	0.00	720.00	100.00	* Outage availed for reconductoring work
CKT 400kV PARLI-PARLI(MSETCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV PARLI-PUNE GIS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV PARLI-PUNE GIS-2	LART	22-09-2023	05:59:00	22-09-2023	05:59:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line Auto Reclosure successful on B-G fault. Fault details at Pune: 3.2 km and 17.273KA at Parli end 269 km and 2.090KA* 22.09.2023 07:01:53 INDIA Mohd Faisudin (60031122)* Correction* Line Auto Reclosure successful on Y-G fault. Fault distance is 1.1 km from Pune. Suspected Fault tower location is 4. suspected fault tower section is 1-9, patrolling may be done from 1-14, fault is in Pune TLM Jurisdiction.

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

Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBU TO IISTS 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 400kV PARLI-PUNE GIS-2	OMS U	03-09-2023	01:11:00	03-09-2023	10:37:00	0.39	0.00	9.43	0.00	0.00		* Line tripped on Bphase to Ground fault. Fault details, At Parli, FD-192.99 Kms, FC-2.176KA, At Pune(GIS), FD-72.71Kms, Fc-2.4KA. * 03.09.2023 07:05:48 INDIA P. Pandhnikar (60021315) Phone 8554993381* Fault is in M/s Adani jurisdiction.
CKT 400kV PUNE-PUNE GIS-1			00:00:00		00:00:00		0.39	0.00	9.43	0.00	100.00	
CKT 400kV PUNE-PUNE GIS-2			00:00:00		00:00:00		0.00	0.00	0.00	0.00	100.00	
CKT 400kV PUNE GIS-AURANGABAD(MSETCL)-1	LPRD	01-09-2023	00:00:01	30-09-2023	23:59:59	30.00	0.00	0.00	0.00	0.00	720.00	* Line H/T as per WRLDC instructions for Power regulation
CKT 400kV PUNE GIS-AURANGABAD(MSETCL)-1	OMS U	09-09-2023	11:46:00	09-09-2023	19:09:00	0.31	0.00	7.38	0.00	0.00		* Line tripped on R-G fault. Fault details at Pune GIS: R-G, 16.11km, 11.22KA. Fault details at Aurangabad(MSTCL): R-G, 194.33km, 2.117KA. Fault is in M/s Adani's line portion.* 09.09.2023 21:35:02 INDIA Mohd Faisudin (60031122)* Due to broken of polymer insulator at tower No: 88 (R phase (Top) – Earth).
CKT 400kV PUNE GIS-AURANGABAD(MSETCL)-1	LPRD	09-09-2023	22:51:00	15-09-2023	00:48:00	5.08	0.00	0.00	0.00	121.95		* Line H/T as per WRLDC instructions for Power Regulation.
CKT 400kV PUNE GIS-AURANGABAD(MSETCL)-1	LPRD	01-09-2023	00:00:01	03-09-2023	08:35:00	2.36	0.00	0.00	0.00	56.58		* Line H/T as per WRLDC instructions for Power Regulation
							37.75	0.00	7.38	0.00	898.53	100.00
CKT 400kV PUNE GIS-AURANGABAD(MSETCL)-2	LPRD	15-09-2023	07:55:00	27-09-2023	14:15:00	12.26	0.00	0.00	0.00	294.33		* Line H/T as per WRLDC instructions for Power Regulation.
CKT 400kV PUNE GIS-AURANGABAD(MSETCL)-2	LPRD	04-09-2023	08:38:00	09-09-2023	12:22:00	5.16	0.00	0.00	0.00	123.73		* H/T for Power regulation
							17.42	0.00	0.00	0.00	418.06	100.00
CKT 400kV PUNE GIS-PUNE-3			00:00:00		00:00:00		0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00		100.00
CKT 400kV PUNE GIS-PUNE-4			00:00:00		00:00:00		0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00		100.00
CKT 400kV RAIGARH-KOTRA PS-1			00:00:00		00:00:00		0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00		100.00
CKT 400kV RAIGARH-KOTRA PS-2			00:00:00		00:00:00		0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00		100.00
CKT 400kV RAIPUR-BHADRAWATI-1			00:00:00		00:00:00		0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00		100.00
CKT 400kV RAIPUR-BHADRAWATI-2	LART	20-09-2023	12:26:00	20-09-2023	12:26:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successful on R-ph to Ground fault. Faul distance is 64.37km from Bhadrawati end.
							0.00	0.00	0.00	0.00		100.00
CKT 400kV RAIPUR-BHADRAWATI-3	OSFT	04-09-2023	13:27:00	05-09-2023	00:20:00	0.45	10.88	0.00	0.00	0.00		* ESD taken for replacement of damaged insulator string in Y Ph at tower loc. 685
							0.45	10.88	0.00	0.00		98.49
CKT 400kV RAIPUR-BHILAI(CSEB)-1	OSPT	26-09-2023	10:14:00	26-09-2023	18:58:00	0.36	8.73	0.00	0.00	0.00		* AMP at Raipur SS
							0.36	8.73	0.00	0.00		98.79
CKT 400kV RAIPUR-RAIGARH-1	LART	02-09-2023	19:42:00	02-09-2023	19:42:00	0.00	0.00	0.00	0.00	0.00		* A/R successful on B-G fault, Fault distance is 5KM from Raigarh. Suspected fault tower location is L13. Suspected fault tower section is L08-L18. patrolling may be done from L03-L23. Fault is in Raigarh TLM jurisdiction.
							0.00	0.00	0.00	0.00		100.00
CKT 400kV RAIPUR-RAIGARH-2	LART	25-09-2023	16:07:00	25-09-2023	16:07:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successful on Y-ph to Ground fault. Double end details at raipur FL-19.004KM Fc-12.652KA and At Raigarh end FL-197.996KM, F= c-2.676KA.* 04.10.2023 13:15:33 INDIA Pritam Borkar (60020650)* Flashover marks observed on,Arching Horn <-&&-> Hardware Fitting at 59
CKT 400kV RAIPUR-RAIGARH-2	LART	14-09-2023	13:16:00	14-09-2023	13:16:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successful on R-ph to Ground fault. fault distance is 11 Km from Raigarh end. Suspected fault tower location is 562. Suspected fault tower section is 557-567. Patrolling may be done from 552-568. Fault is in Raigarh TLM jurisdiction.* 04.10.2023 15:37:55 INDIA Krishnanjaneyulu Machha (60001973)* Flashover mark observe on insulator string and CC Ring (R-Ph) at Loc No. 559. TFR Values at Loc No- Leg A:3.6,Leg B:3.5,Leg C:4.1,Leg D:3.7
CKT 400kV RAIPUR-RAIGARH-2	LEFT	29-09-2023	21:01:00	30-09-2023	00:17:00	0.14	3.27	0.00	0.00	0.00		* Line tripped on R-ph to Ground fault. Fault distance is 71.9 Kms from Raipur. Suspected fault tower location is 201. Suspected fault tower section is 196-206. Patrolling may be done from 191-211. Fault is in Bhatapara TLM jurisdiction.
							0.14	3.27	0.00	0.00		99.55
CKT 400kV RAIPUR-RAIGARH-3	LART	12-09-2023	19:20:00	12-09-2023	19:20:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successful on B-ph to Ground fault. fault distance is 107Km from Raipur. Suspected fault tower location is 298. Suspected fault tower section is 293-303. patrolling may be done from 288-308. fault is in Bhatapara TLM jurisdiction.* 04.10.2023 15:33:53 INDIA Krishnanjaneyulu Machha (60001973)* Flashover mark found in porcelain disc insulator corona control ring ** at loc no 300.
							0.00	0.00	0.00	0.00		100.00
CKT 400kV RAIPUR-RAIGARH-4	LART	03-09-2023	17:15:00	03-09-2023	17:15:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successful on R-ph to Ground fault. Fault details at Raipur : FC-2.20kA,FD-160.4km <-&&-> fault details at Raigarh : FC-4.624kA= ,FD-65.745km.
CKT 400kV RAIPUR-RAIGARH-4	LART	02-09-2023	17:27:00	02-09-2023	17:27:00	0.00	0.00	0.00	0.00	0.00		* A/R successful on R-G fault, Fault distance is 0.7KM from Raigarh. Suspected fault tower location is 3. Suspected fault tower section is 1-8. patrolling may be done from 1-13. Fault is in Raigarh TLM jurisdiction.* 03.10.2023 20:44:32 INDIA Krishnanjaneyulu Machha (60001973)* Flashover mark found at location No. 179 ( DA+0) on R Phase. AT LOCATION NO. 179, DA+0, TOP FLASHOVER MARK IN INSULATOR AND CC RING ALSO.
							0.00	0.00	0.00	0.00		100.00
CKT 400kV RAIPUR-RAIPUR PS(DURG)-1			00:00:00		00:00:00		0.00	0.00	0.00	0.00		
							0.00	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	0.00	0.00	0.00		100.00
CKT 400kV RAIPUR-WARDHA-1	LEFT	20-09-2023	11:24:00	20-09-2023	12:01:00	0.03	0.62	0.00	0.00	0.00		* Line tripped on B-ph to Ground fault. Fault distance is 88.349km from Wardh aend. Suspected Loc No. is 759. Fault is in TLM,Warora jurisdiction.* 04.10.2023 16:09:16 INDIA Krishnanjaneyulu Machha (60001973)* A foreign object (Long Saree Cloth used as Boundary for agriculture field found burnt under bottom conductor in span 722-723)
CKT 400kV RAIPUR-WARDHA-1	GOVC	26-09-2023	11:53:00	26-09-2023	13:29:00	0.07	0.00	0.00	1.60	0.00		* Line tripped due to R-Y ph fault Charging clearance given at 11:53 hrs and Charging attempt done at 12:14 hours but tripped on Over Voltage. Line charged at 13:29 Hrs.* 04.10.2023 20:13:17 INDIA Krishnanjaneyulu Machha (60001973)* Clearance for Charging of 400kV Raipur-Wardha-1 has given at 11:53Hrs and charging attempted at 12:14Hrs but line tripped on Over voltage protection operation again line Charged at 13:29Hrs.
CKT 400kV RAIPUR-WARDHA-1	OMST	26-09-2023	10:34:00	26-09-2023	11:53:00	0.06	1.32	0.00	0.00	0.00		* Line tripped due to R-Y ph fault due to Rph line isolator got opened at wardha end.
							0.16	1.94	0.00	1.60		99.73
CKT 400kV RAIPUR-WARDHA-2	SCSD	26-09-2023	10:20:00	26-09-2023	11:03:00	0.03	0.00	0.00	0.00	0.72		* For Replacement of Old BHEL Insulators on gantries of element. ( Simultaneous outage on 400 KV BUS 2B at Wardha ) .
CKT 400kV RAIPUR-WARDHA-2	LVRD	26-09-2023	11:03:00	30-09-2023	23:59:59	4.54	0.00	0.00	0.00	108.95		* Line kept out on Voltage regulation
							4.57	0.00	0.00	0.00		100.00
CKT 400kV RANCHI-SIPAT(NTPC)-1	LART	18-09-2023	13:21:00	18-09-2023	13:21:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successful on R-ph to Ground Fault. At Ranchi end: R-N, 0.98KA, 381.04km, R-N, 0.98KA, 383.5km. At Sipat end: R-N, 3.29KA, 53.7km.* 04.10.2023 16:04:08 INDIA Krishnanjaneyulu Machha (60001973)* Flashover marks observed at insulator,Arching Horn<-&&-> cross arm at Loc No.151
							0.00	0.00	0.00	0.00		100.00

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

Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBU TABLE TO 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 400kV RANCHI-SIPAT(NTPC)-2	OSPT	01-09-2023	00:00:01	01-09-2023	21:41:00	0.90	21.68	0.00	0.00	0.00		* Line outage for CT REPLACEMENT WORKS AT SIPAT END.* 31.08.2023 13:56:04 INDIA N Vinod Babu (60016790)* Sipat(NTPC) is not ready to issue NBFC on above line.
CKT 400kV RANCHI-SIPAT(NTPC)-2	LART	21-09-2023	18:24:00	21-09-2023	18:24:00	0.00	0.00	0.00	0.00	0.00		* Line Auto Reclosure successful on B-G fault. Fault details at Ranchi: 318.17km and 1.24KA. Sipat: 106.7km and 1.6kA.* 04.10.2023 16:15:03 INDIA Krishnanjaneyulu Machha (60001973)* Flashover marks observed with hole in CC ring in Top (B-Phase) at Tower No.293 TFR Measure at Loc No.293Leg A 5.7.B 5.4.C 6.1 <(>&<>D 5.9
						0.90	21.68	0.00	0.00	0.00	96.99	
CKT 400kV ROURKELA-JHARSUGUDA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV ROURKELA-JHARSUGUDA-4	LART	24-09-2023	12:22:00	24-09-2023	12:22:00	0.00	0.00	0.00	0.00	0.00		* 400KV Jharsuguda - Rourkela #4 A/R Successful at 12:22Hrs Relay details are mentioned below:** Rourkela Data:* M1, B-Ph, Z1, 71KM, 3.7KA. M2, B-Ph, 126KM, 4KA.* Jharsuguda Details:* M2, Z1, B-Ph, 10.1KA, 35.9KM* M1, Z1, B-Ph, 9.08KA, 30.7KM* 04.10.2023 19:28:07 INDIA Krishnanjaneyulu Machha (60001973)* During Post Fault patrolling Lightning flashover mark found between Arcing horn, CC ring and Insulator disc of Loc No- 254(DA+0), B-Phase. Distance from Rourkela end is- 91.28 KM.
						0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV SEONI-KIRNAPUR(MPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
CKT 400kV SOLAPUR(NTPC)-SOLAPUR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV SOLAPUR(NTPC)-SOLAPUR-3	OSPD	12-09-2023	10:06:00	15-09-2023	19:32:00	3.39	0.00	0.00	0.00	81.43		* Outage availed by NTPC
						3.39	0.00	0.00	0.00	81.43	100.00	
CKT 400kV SOLAPUR(NTPC)-SOLAPUR-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV SIPAT(NTPC)-RAIPUR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV SIPAT(NTPC)-RAIPUR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV SIPAT(NTPC)-RAIPUR-3	LART	26-09-2023	17:05:00	26-09-2023	17:05:00	0.00	0.00	0.00	0.00	0.00		* Line Auto reclosed on R-G fault at 17:05Hrs at Both ends.* 04.10.2023 16:28:22 INDIA Krishnanjaneyulu Machha (60001973)* Lightning flash-over mark observed at tower body, conductor <(>&<> CC ring at loc 12.
						0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV VINDHYACHAL(NTPC)-KORBA(NTPC)-1	OSFD	08-09-2023	00:39:00	13-09-2023	18:55:00	5.76	0.00	0.00	0.00	138.27		* Emergency hand tripped from Korba end due to problem in Korba - Vindhyachal - 1 line, Bus-2 Y-phase Isolator at Korba (NTPC) end. * 13.09.2023 20:22:41 INDIA P. Pandharikar (60021315) Phone 8554993381* LINE BAY BELONGS TO NTPC(KORBA)
						5.76	0.00	0.00	0.00	138.27	100.00	
CKT 400kV VINDHYACHAL(NTPC)-KORBA(NTPC)-2	OSFT	03-09-2023	16:15:00	03-09-2023	20:35:00	0.18	4.33	0.00	0.00	0.00		* Line H/T on emergency basis by Korba (NTPC) due to hotspot in 89A R-phase bus isolator at Korba (NTPC) end.
CKT 400kV VINDHYACHAL(NTPC)-KORBA(NTPC)-2	LEFT	12-09-2023	12:13:00	12-09-2023	17:40:00	0.23	5.45	0.00	0.00	0.00		* Line tripped on Y-ph to GRD fault. FD: 281 KM from Korba NTPC end and FD: 4.3 km, FC:26.87 KA from Vindhyachal end.* 12.09.2023 13:43:26 INDIA P W Nandanwar (60020910)* Fault in WR-2 jurisdiction* 04.10.2023 19:24:12 INDIA Krishnanjaneyulu Machha (60001973)* Fault is in WR-2 Jurisdiction, as informed by WR-2, tree infringing in SPAN 17-18 (Severe ROW section) Matter already in court.
CKT 400kV VINDHYACHAL(NTPC)-KORBA(NTPC)-2	OMS U	01-09-2023	00:00:01	01-09-2023	13:56:00	0.58	0.00	13.93	0.00	0.00		* Line charging readiness Email from POWERGRID was sent to WRLDC at 20:25 Hrs. Line charging delayed by Vindhyachal NTPC due to non receipt of charging clearance.
						0.99	9.78	13.93	0.00	0.00	98.61	
CKT 400kV WARDHA-AKOLA(MSETCL)-1	OMS U	13-09-2023	13:17:00	13-09-2023	14:50:00	0.07	0.00	1.55	0.00	0.00		* Line tripped only at Akola end due to bus fault at Akola end.* 13.09.2023 20:41:06 INDIA P. Pandharikar (60021315) Phone 8554993381* At AKOLA ICT bus isolator (40189A) came in induction zone during operation
CKT 400kV WARDHA-AKOLA(MSETCL)-1	SEFT	29-09-2023	16:17:00	30-09-2023	09:15:00	0.71	16.97	0.00	0.00	0.00		* Line tripped on Y-ph to Ground fault. Fault distance is 122.16 Kms from Wardha. Suspected fault tower location is 335. Suspected fault tower section is 330-340. Patrolling may be done from 325-345. Fault is in Akola TLM jurisdiction.* Also During AR attempt Y-Phase LA damaged at Wardha end.* 04.10.2023 16:35:17 INDIA Krishnanjaneyulu Machha (60001973)* Flashover marks observed on Insulator <(>&<> E/W Hardware fitting at Loc No.343
						0.78	16.97	1.55	0.00	0.00	97.64	
CKT 400kV WARDHA-AKOLA(MSETCL)-2	OMS U	13-09-2023	13:17:00	13-09-2023	14:53:00	0.07	0.00	1.60	0.00	0.00		* Line tripped on DT receipt at Wardha end due to bus fault at Akola end.* 13.09.2023 20:36:54 INDIA P. Pandharikar (60021315) Phone 8554993381* (At AKOLA ICT bus isolator (40189A) came in induction zone during operation).
						0.07	0.00	1.60	0.00	0.00	100.00	
CKT 400kV WARDHA-AURANGABAD-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV WARDHA-AURANGABAD-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV WARDHA-WARORA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV WARDHA-WARORA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00	0.00	0.00	0.00	100.00	
CKT 400kV WARORA-PARLI-1	LART	24-09-2023	18:23:00	24-09-2023	18:23:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successful on R-G fault. AFAS D/E: At Parli SS: R-G, 346.95km, 1.852KA. At Warora SS: R-G, 34.54km, 9.763KA. Fault is in Warora TLM jurisdiction.* 04.10.2023 13:18:26 INDIA Pritam Borkar (60020650)* Flashover marks observed on Jumper( R-Ph),Arcing Horn .TFR values at Loc No.90
CKT 400kV WARORA-PARLI-1	LEFT	01-09-2023	11:40:00	01-09-2023	12:53:00	0.05	1.22	0.00	0.00	0.00		* Line tripped on R-ph to Ground fault. FD: 81 KM from Warora. Suspected fault tower location is 218. Suspected fault tower section is 213-223. Patrolling may be done from 208-228. Fault is in Korba Warora Jurisdiction.* 03.10.2023 20:29:41 INDIA Krishnanjaneyulu Machha (60001973)* The location at 236 has bird droppings and large prey bird was seen over the tower .TFR values at loaction 236 Leg _A:2.3,Leg _B2.9,Leg _C:2.9 _Leg _D-2.7
CKT 400kV WARORA-PARLI-1	LMAC	01-09-2023	13:49:00	01-09-2023	17:04:00	0.14	0.00	0.00	3.25	0.00		* Line tripped on R-ph to Ground fault. FD: 83 KM from Warora.* 01.09.2023 19:33:33 INDIA Mohd Faisudin (60031122)* In between Location No 235 -236 foregin material Found and removed.* 03.10.2023 20:36:50 INDIA Krishnanjaneyulu Machha (60001973)* The location at 236 has bird droppings and large prey bird was seen over the tower .TFR values at loaction 236 Leg _A:2.3,Leg _B2.9,Leg _C:2.9 _Leg _D-2.7
CKT 400kV WARORA-PARLI-1	LVRD	01-09-2023	17:04:00	15-09-2023	09:57:00	13.70	0.00	0.00	0.00	328.88		* Line kept out under voltage regulation as tripped on Over Voltage while charging and to close dia at Parli Ss and to charge Line Reactor as Bus reactor at Warora charged at 1909Hrs
						13.89	1.22	0.00	3.25	328.88	99.83	

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

Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBU TABLE TO 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 400KV WARORA-PARLI-2	LEFT	27-09-2023	12:31:00	27-09-2023	20:25:00	0.33	7.90	0.00	0.00	0.00		* Line Tripped on Y-G fault. Fault distance is 152 km from Warora. Suspected Fault tower location is 406. Suspected fault tower section is 401 -411 . Patrolling may be done from 396 - 416 . Fault is in Nanded TLM Jurisdiction. Charging attempt taken at 1334 hrs but line tripped Y-G Fault as per WRDLC code - 2668.* 04.10.2023 19:32:17 INDIA Krishnanjaneyulu Machha (60001973)* Flashover marks observed on Insulator <-&<-> Corona Ring at Loc No.457.TFR Values at Loc No.457 Leg A 4.9,B 5.10,C 4.60,D 4.40.
CKT 765kV AURANGABAD-PADGHE GIS	OSFT	28-09-2023	08:44:00	28-09-2023	20:22:00	0.49	11.63	0.00	0.00	0.00	98.90	* ESD to attain Polymer insulator in one string(Quad tension string) found broken at loc no. 618 (R-Ph) of 765 KV Aurangabad-Padghe line (ckt-2)
CKT 765kV AURANGABAD-PUNE GIS	LPRD	30-09-2023	20:08:00	30-09-2023	23:59:59	0.16	0.00	0.00	0.00	3.87		* Line H/T as per WRDLC instructions for Power flow Regulation and SLR converted to BR at 20:46 Hrs at Aurangabad end and 20:48 Hrs at Pune(GIS) end.
CKT 765kV AURANGABAD-PUNE GIS	LPRD	22-09-2023	14:02:00	28-09-2023	08:21:00	5.76	0.00	0.00	0.00	138.32		* Line H/T as per WRDLC instructions for Power Regulation
CKT 765kV AURANGABAD-PUNE GIS	LVRD	28-09-2023	20:43:00	30-09-2023	07:51:00	1.46	0.00	0.00	0.00	35.13		* Line H/T as per WRDLC instructions for Voltage Regulation and SLR converted as BR at both ends
CKT 765kV AURANGABAD-PUNE GIS	LVRD	28-09-2023	20:43:00	30-09-2023	07:51:00	1.46	0.00	0.00	0.00	35.13		* Line H/T as per WRDLC instructions for Voltage Regulation and SLR converted as BR at 21:09 hrs @ Aurangabad SS <-&<-> at 21:29 hrs @ Pune-GIS end.
CKT 765kV AURANGABAD-PUNE GIS	LVRD	01-09-2023	00:00:01	22-09-2023	07:12:00	21.30	0.00	0.00	0.00	511.20		* 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 BILASPUR-DHARAMJAYGARH			00:00:00		00:00:00	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	
CKT 765kV BILASPUR-SEONI-2			00:00:00		00:00:00	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	
CKT 765kV CHAMPA-RAIPUR PS(DURG)-1	LVRD	10-09-2023	13:28:24	14-09-2023	20:58:00	4.31	0.00	0.00	0.00	103.49		* Line H/T as per WRDLC instructions for Voltage Regulation
CKT 765kV CHAMPA-RAIPUR PS(DURG)-1	LCSD	21-09-2023	15:17:00	30-09-2023	23:59:59	9.36	0.00	0.00	0.00	224.72		* Line Outage availed "for conversion of Fixed Line Reactor to Switchable line Reactor under construction WRES-26 package SS-99 at Durg end. As the work is of conversion of fixed LR to SLR outage on LR is required. (New Construction works)".
CKT 765kV CHAMPA-RAIPUR PS(DURG)-2	GOM D	15-09-2023	00:28:00	21-09-2023	12:10:00	6.49	0.00	0.00	0.00	155.70		* Line kept open as per WRDLC instructions for voltage Regulation.
CKT 765kV CHAMPA-RAIPUR PS(DURG)-2	LEFT	14-09-2023	19:39:00	15-09-2023	00:28:00	0.20	4.82	0.00	0.00	0.00		* Line tripped on R ph to ground fault. Fault distance 4.98km from Champa. Suspected fault tower location is 14. Suspected fault tower section is 9-19 . Patrolling may be done from 4-24. Fault is in Champa TLM jurisdiction.* 15.09.2023 01:51:41 INDIA Ajay M Daultani (60020904)* Vide codes - 09/1414,NL-09/1331 , Line kept out as per WRDLC instructions for voltage regulation.
CKT 765kV CHAMPA-DHARAMJAYGARH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	99.33	
CKT 765kV RANCHI-DHARAMJAYGARH-1			00:00:00		00:00:00	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	
CKT 765kV JHARSUGUDA-DHARAMJAYGARH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 765kV JHARSUGUDA-DHARAMJAYGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 765kV JHARSUGUDA-DHARAMJAYGARH-3	LART	13-09-2023	14:28:00	13-09-2023	14:28:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successful on B-ph to Ground fault. fault distance is 73.55 Km from Dharamjaygarh end. Suspected fault tower location is 202. Suspected fault tower section is 197-207. Patrolling may be done from 190-210. Fault is in Tamnar TLM jurisdiction.* 04.10.2023 17:20:44 INDIA Krishnanjaneyulu Machha (60001973)* Transients fault occurred due to Lightning <-&<-> thenderstorm climate prevailing at the time of event. Flashover mark observed on Jumper Conductor at Tower No-220.
CKT 765kV JHARSUGUDA-DHARAMJAYGARH-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 765kV KOTRA PS-RAIPUR PS(DURG)-1	LART	13-09-2023	17:45:00	13-09-2023	17:45:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successful on B-ph to Ground fault. fault distance is 112.86 Km from Durg end. Suspected fault tower location is 330. Suspected fault tower section is 325-335. Patrolling may be done from 320-340. Fault is in Bhatapara TLM jurisdiction.* 04.10.2023 19:38:27 INDIA Krishnanjaneyulu Machha (60001973)* Flashover mark observed on insulator <-&<-> CC at loc no. 330 under Bhatapara TLM jurisdiction.
CKT 765kV KOTRA PS-RAIPUR PS(DURG)-1	OMS U	20-09-2023	11:41:00	20-09-2023	19:52:00	0.34	0.00	8.18	0.00	0.00		* Spare Reactor changeover works at Kotra end. Line outage proposed as per RLDC requirement.
CKT 765kV KOTRA PS-RAIPUR PS(DURG)-1	LART	30-09-2023	16:55:00	30-09-2023	16:55:00	0.00	0.00	0.00	0.00	0.00		* Line Auto Reclosed on B-ph to Ground fault. Fault distance is 57 Kms from Kotra end. Suspected fault tower location is 481. Suspected fault tower section is 476-486. Patrolling may be done from 470-490. Fault is in Bhatapara TLM jurisdiction.* 04.10.2023 16:41:46 INDIA Krishnanjaneyulu Machha (60001973)* Flashver mark on insulator , A/H and Jumper at loc 30* 04.10.2023 17:05:36 INDIA Krishnanjaneyulu Machha (60001973)* Flashover marks observed on Insulator <-&<-> Hardware fitting at Loc No.480
CKT 765kV KOTRA PS-RAIPUR PS(DURG)-1	LEFT	03-09-2023	17:18:00	03-09-2023	20:17:00	0.12	2.98	0.00	0.00	0.00		* Line tripped on Y-ph to Ground fault. Fault distance is 80 Km from Kotra end. Suspected fault tower location is 214. Suspected fault tower section is 209-219. Patrolling may be done from 204-224. Fault is in Champa TLM Jurisdiction.
CKT 765kV KOTRA PS-RAIPUR PS(DURG)-1	OMS U	12-09-2023	09:27:00	13-09-2023	00:12:00	0.62	0.00	14.75	0.00	0.00		* Spare Reactor changeover works at Kotra end. Line outage proposed as per RLDC requirement.
CKT 765kV KOTRA PS-RAIPUR PS(DURG)-2	LART	25-09-2023	15:34:00	25-09-2023	15:34:00	0.00	0.00	0.00	0.00	0.00	99.57	
CKT 765kV KOTRA PS-TAMNAR PS-1	LEFT	18-09-2023	12:44:00	18-09-2023	14:22:00	0.07	1.63	0.00	0.00	0.00		* Line tripped on B ph to Ground fault. Fault distance is 11.8km from Kotra. Suspected fault tower location is 33. Suspected fault tower section is 28-38. Patrolling may be done from tower 23-43. Fault is in Raigarh TLM jurisdiction.* 04.10.2023 16:00:51 INDIA Krishnanjaneyulu Machha (60001973)* Flashover marks observed at insulator,Aring Horn-<-&<-> Jumper at Loc No.30
CKT 765kV KOTRA PS-TAMNAR PS-2	LART	03-09-2023	15:09:00	03-09-2023	15:09:00	0.00	0.00	0.00	0.00	0.00	99.77	
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	

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

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 RAIPUR PS(DURG)-WARDHA-1	LVRD	01-09-2023	00:00:01	30-09-2023	23:59:59	30.00	0.00	0.00	0.00	0.00	100.00	* Line H/T as per WRLDC 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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 765kV RAIPUR PS(DURG)-WARDHA-4	LART	06-09-2023	23:47:00	06-09-2023	23:47:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R successful on B-ph to Ground fault. Fault details at Wardha : FC-..kA,FD-361km <(>&<)-> fault details at Durg : FC-11.0862kA= ,FD-32.05km.
CKT 765kV SEONI-WARDHA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 765kV SEONI-WARDHA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 765kV SOLAPUR-AURANGABAD-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 765kV SOLAPUR-AURANGABAD-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 765kV SOLAPUR-PUNE GIS	LART	22-09-2023	02:36:00	22-09-2023	02:36:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line Auto Reclosure successful on B-G fault. Fault details at Pune: 76.461km and 4.476kA.* 04.10.2023 16:18:27 INDIA Krishnanjaneyulu Machha (60001973)* Flashover marks observed in CC ring in Top (B-Phase) at Tower No.536.
CKT 765kV SOLAPUR-PUNE GIS	LEFT	22-09-2023	04:11:00	22-09-2023	11:59:00	0.33	7.80	0.00	0.00	0.00	0.00	* Line tripped on R-G fault, Fault detance is 80 km from Pune. Suspected Fault tower location is 527. suspected fault tower section is 521-531. patrolling may be done from 517-537. fault is in Pune TLM Jurisdiction.* 23.09.2023 10:28:22 INDIA N Vinod Babu (60016790)* Readiness E-mail sent to WRLDC for test charging of line at 11:59 Hrs.* 04.10.2023 16:54:02 INDIA Krishnanjaneyulu Machha (60001973)* Flashover marks observed in CC ring in Top (B-Phase) at Tower No.530 <(>&<)-> Pollution observed on insulator at Loc No.522-531.
CKT 765kV SOLAPUR-PUNE GIS	GOM D	22-09-2023	11:59:00	22-09-2023	14:04:00	0.09	0.00	0.00	0.00	2.08	0.00	* Line tripped on R-G fault, Fault distance is 80 km from Pune. Suspected Fault tower location is 527. suspected fault tower section is 521-531. patrolling may be done from 517-537. fault is in Pune TLM Jurisdiction. WRLDC code-09/2130, NLDC-09/1969 line test charged at 05:39 hrs but line tripped SOTF. Readiness E-mail sent to WRLDC for test charging of line at 11:59 Hrs.
CKT 765kV SOLAPUR-PUNE GIS	LART	22-09-2023	03:39:00	22-09-2023	03:39:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line Auto Reclosure successful on B-G fault. Fault details at Pune: 72.157km and 5.39kA.* 04.10.2023 16:19:59 INDIA Krishnanjaneyulu Machha (60001973)* Flashover marks observed in CC ring in Top (B-Phase) at Tower No.536 .
CKT 765kV SIPAT(NTPC)-BILASPUR-1			00:00:00		00:00:00	0.42	7.80	0.00	0.00	2.08	98.92	
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 765kV WARDHA-AURANGABAD-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT 765kV WARDHA-AURANGABAD-4	LVRD	01-09-2023	00:00:01	30-09-2023	23:59:59	30.00	0.00	0.00	0.00	720.00	100.00	* Line H/T as per WRLDC instructions for Voltage Regulation and SLR converted as BR at hrs at Wardha end.* 07.10.2023 21:55:03 INDIA P. Pandharikar (60021315) Phone 8554993381* Line charging attempt taken on dt 07.10.2023 at 17:32 Hrs from Aurangabad end but Line tripped on Over Voltage protection at Wardha end.
LNR 80MVAR,LR OF WARDHA-2 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR 80MVAR,LR OF WARDHA-1 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR 80MVAR,LR OF BOISAR-2 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR 80MVAR,LR OF BOISAR-1 AT AURANGABAD			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	20-09-2023	10:33:00	30-09-2023	23:59:59	10.56	0.00	0.00	0.00	253.45	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation
LNR 240MVAR,SWLR OF PADGHE-1 AT AURANGABAD	SVRD	01-09-2023	00:00:01	30-09-2023	23:59:59	30.00	0.00	0.00	0.00	720.00	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation
LNR 240MVAR,SWLR OF PADGHE-1 AT AURANGABAD	SVRD	22-09-2023	14:02:00	25-09-2023	01:40:00	2.49	0.00	0.00	0.00	59.63	100.00	* As per WRLDC instructions SLR converted as BR at Aurangabad end for Voltage Regulation.
LNR 240MVAR,SWLR OF SOLAPUR-1 AT AURANGABAD			00:00:00		00:00:00	43.05	0.00	0.00	0.00	1,033.08	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	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	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	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	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	100.00	

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

	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
LNR	240MVAR,SWLR OF DHARAMJYGARH AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JABALPUR-2 AT KORBA PS	SVRD	12-09-2023	21:43:00	13-09-2023	11:24:00	0.57	0.00	0.00	0.00	13.68	100.00	* SLR alongwith line kept uncharged under voltage regulation after attemptin line charging twice and tripping due to over voltage.* Test Charging code requested at 21:43hrs/12.09.2023.
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	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	100.00	
LNR	330MVAR,SWLR OF JARSUGUDA-3 AT KORBA PS	OMS U	13-09-2023	14:28:00	13-09-2023	15:47:00	0.06	0.00	1.32	0.00	0.00	100.00	* SLR tripped during successful AR of 765kV D'JAIGARH- JHARSUGUDA III as per implemented Ferroresonance scheme.
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	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	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	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	100.00	
LNR	240MVAR,SWLR OF DURG-2 AT KOTRA PS	OMS U	25-09-2023	15:34:00	25-09-2023	16:22:00	0.03	0.00	0.80	0.00	0.00	100.00	* SLR tripped during successful AR of 765kV KOTRA PS-DURG PS II due to Ferroresonance scheme.(LR triped on Ferro-resonance scheme)
LNR	240MVAR,SWLR OF DURG-1 AT KOTRA PS	SCSD	20-09-2023	11:41:00	20-09-2023	14:41:00	0.13	0.00	0.00	0.00	3.00	100.00	* Spare Reactor change over works.
LNR	240MVAR,SWLR OF DURG-1 AT KOTRA PS	OMS U	30-09-2023	16:55:00	30-09-2023	17:35:00	0.03	0.00	0.67	0.00	0.00	100.00	* SLR tripped on implemented Ferro-Resonance scheme on successful Auto Reclose of 765kV KOTRA PS-DURG PS I
LNR	240MVAR,SWLR OF DURG-1 AT KOTRA PS	OMS U	13-09-2023	17:45:00	13-09-2023	19:03:00	0.05	0.00	1.30	0.00	0.00	100.00	* SLR tripped during successful AR of 765kV KOTRA PS-DURG PS I as per implemented Ferroresonance scheme.
LNR	240MVAR,SWLR OF DURG-1 AT KOTRA PS	OSPT	20-09-2023	14:41:00	20-09-2023	19:52:00	0.22	5.18	0.00	0.00	0.00	100.00	* For Spare Reactor change over works.
LNR	240MVAR,SWLR OF DURG-1 AT KOTRA PS	SCSD	12-09-2023	09:27:00	12-09-2023	12:27:00	0.13	0.00	0.00	0.00	3.00	100.00	* Spare Reactor change over work at Kotra PS
LNR	240MVAR,SWLR OF DURG-1 AT KOTRA PS	OSPT	12-09-2023	12:27:00	13-09-2023	00:12:00	0.49	11.75	0.00	0.00	0.00	100.00	* Spare Reactor change over works at Kotra PS
LNR	50MVAR,SWLR OF PUNE GIS-1 AT PUNE	SVRD	01-09-2023	00:00:01	14-09-2023	17:54:00	1.05	16.93	1.97	0.00	6.00	97.64	
LNR	50MVAR,SWLR OF PUNE GIS-1 AT PUNE	SVRD	15-09-2023	09:38:00	25-09-2023	02:01:00	9.68	0.00	0.00	0.00	232.38	100.00	* SLR H/T as per WRLDC instructions for VR
LNR	50MVAR,SWLR OF PUNE GIS-2 AT PUNE	SVRD	01-09-2023	00:00:01	14-09-2023	17:48:00	13.74	0.00	0.00	0.00	329.80	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation
LNR	50MVAR,SWLR OF PUNE GIS-2 AT PUNE	SVRD	15-09-2023	09:39:00	25-09-2023	02:02:00	9.68	0.00	0.00	0.00	232.38	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation
LNR	50MVAR,SWLR OF PUNE GIS-3 AT PUNE	SVRD	01-09-2023	00:00:01	30-09-2023	23:59:59	30.00	0.00	0.00	0.00	720.00	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation
LNR	50MVAR,SWLR OF PUNE GIS-4 AT PUNE	SVRD	01-09-2023	00:00:01	30-09-2023	23:59:59	30.00	0.00	0.00	0.00	720.00	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation
LNR	240MVAR,SWLR OF SHOLAPUR AT PUNE GIS	SVRD	13-09-2023	10:21:00	13-09-2023	19:18:00	0.37	0.00	0.00	0.00	8.95	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	02-09-2023	09:51:00	02-09-2023	22:54:00	0.54	0.00	0.00	0.00	13.05	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	04-09-2023	09:09:00	06-09-2023	20:05:00	2.46	0.00	0.00	0.00	58.93	100.00	* SLR H/T as per WRLDC instructions for VH/T for voltage regulation
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	01-09-2023	10:27:00	01-09-2023	17:59:00	0.31	0.00	0.00	0.00	7.53	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	16-09-2023	07:39:00	16-09-2023	21:18:00	0.57	0.00	0.00	0.00	13.65	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	15-09-2023	08:21:00	15-09-2023	18:22:00	0.42	0.00	0.00	0.00	10.02	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	18-09-2023	11:39:00	18-09-2023	21:30:00	0.41	0.00	0.00	0.00	9.85	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	14-09-2023	08:53:00	14-09-2023	18:17:00	0.39	0.00	0.00	0.00	9.40	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation.* VOLTAGE: 752/763KV
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	25-09-2023	08:39:00	26-09-2023	20:05:00	1.48	0.00	0.00	0.00	35.43	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	27-09-2023	07:41:00	27-09-2023	22:07:00	0.60	0.00	0.00	0.00	14.43	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation

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

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
LNR 240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	11-09-2023	07:10:00	13-09-2023	19:29:00	2.51	0.00	0.00	0.00	60.32		* BR H/T as per WRLDC instructions for Voltage Regulation
LNR 240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	29-09-2023	09:49:00	30-09-2023	07:51:00	0.92	0.00	0.00	0.00	22.03		* SLR H/T as per WRLDC instructions for Voltage Regulation
LNR 240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	20-09-2023	07:14:00	20-09-2023	17:24:00	0.42	0.00	0.00	0.00	10.17		* SLR H/T as per WRLDC instructions for Voltage Regulation
LNR 240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	09-09-2023	09:50:00	09-09-2023	21:48:00	0.50	0.00	0.00	0.00	11.97		* SLR H/T as per WRLDC instructions for Voltage Regulation
LNR 240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	08-09-2023	09:40:00	08-09-2023	23:04:00	0.56	0.00	0.00	0.00	13.40		* SLR H/T as per WRLDC instructions for Voltage Regulation
						12.09	0.00	0.00	0.00	290.18	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	100.00	
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	100.00	
						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	100.00	
						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	100.00	
						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	100.00	
						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	100.00	
						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	100.00	
						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	100.00	
						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	100.00	
						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	100.00	
						0.00	0.00	0.00	0.00	0.00	100.00	
LNR 80MVAR,SWLR OF KARAD AT SHOLAPUR	SVRD	01-09-2023	00:00:01	30-09-2023	23:59:59	30.00	0.00	0.00	0.00	720.00		* SLR H/T as per WRLDC instructions for Voltage Regulation
						30.00	0.00	0.00	0.00	720.00	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	100.00	
						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	100.00	
						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	100.00	
						0.00	0.00	0.00	0.00	0.00	100.00	
LNR 240MVAR,SWLR OF RAICHUR-2 AT SOLAPUR	OMS U	01-09-2023	00:00:01	30-09-2023	23:59:59	30.00	0.00	720.00	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.
						30.00	0.00	720.00	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	100.00	
						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	100.00	
						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	100.00	
						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	100.00	
						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	100.00	
						0.00	0.00	0.00	0.00	0.00	100.00	
LNR 330MVAR,LR OF AURANGABAD-2 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
						0.00	0.00	0.00	0.00	0.00	100.00	
LNR 330MVAR,LR OF AURANGABAD-1 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
						0.00	0.00	0.00	0.00	0.00	100.00	
LNR 330MVAR,LR OF AURANGABAD-3 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
						0.00	0.00	0.00	0.00	0.00	100.00	
LNR 330MVAR,LR OF AURANGABAD-4 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
						0.00	0.00	0.00	0.00	0.00	100.00	

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

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
STAT COM -300/+300 MVAR STATCOM AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
STAT COM -300/+300 MVAR STATCOM AT SHOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
VALV E_HALL 500MW,BHADRAWATI HVDC BTB POLE-1	OMS U	21-09-2023	12:34:00	21-09-2023	16:12:00	0.15	0.00	3.63	0.00	0.00		* To block HVDC Pole # 1 due to oscillation observed in PMU at Ramagundam end.
VALV E_HALL 500MW,BHADRAWATI HVDC BTB POLE-2	OMS U	21-09-2023	13:37:00	21-09-2023	18:55:00	0.22	0.00	5.30	0.00	0.00		* To block HVDC Pole # 1 due to oscillation observed in PMU at Ramagundam end.
VALV E_HALL POLE1 VALVE HALL_RAIGARH_HVDC			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
VALV E_HALL POLE2_VALVE HALL_RAIGARH_HVDC			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 1500MVA,765/400kV ICT-1 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 1500MVA,765/400kV ICT-2 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 315MVA,400/220kV ICT-1 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 315MVA,400/220kV ICT-2 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 315MVA,400/220kV ICT-1 AT BHATAPARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 315MVA,400/220kV ICT-2 AT BHATAPARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 1500MVA,765/400kV ICT-1 AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 1500MVA,765/400kV ICT-2 AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 1500MVA,765/400kV ICT-3 AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 1500MVA,765/400kV ICT-1 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 1500MVA,765/400kV ICT-2 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 1500MVA,765/400kV ICT-3 AT CHAMPA	OSPT	27-09-2023	10:44:00	27-09-2023	22:47:00	0.50	12.05	0.00	0.00	0.00		* For AMP works and CSD Fine Tuning works.
XMER 1500MVA,765/400kV ICT-4 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	98.33	
XMER 1500MVA,765/400kV ICT-5 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 1500MVA,765/400kV ICT-6 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 1500MVA,765/400kV ICT-1 AT DHARAMJAYGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 1500MVA,765/400kV ICT-2 AT DHARAMJAYGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 1500MVA,765/400kV ICT-1 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 1500MVA,765/400kV ICT-2 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 1500MVA,765/400kV ICT-3 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 1500MVA,765/400kV ICT-4 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 315MVA,400/220kV ICT-1 AT MAPUSA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 315MVA,400/220kV ICT-2 AT MAPUSA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 315MVA,400/220kV ICT-3 AT MAPUSA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 1500MVA,765/400kV ICT-1 AT PADGHE GIS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 1500MVA,765/400kV ICT-2 AT PADGHE GIS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 500MVA,400/220kV ICT-1 AT PARLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER 500MVA,400/220kV ICT-2 AT PARLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

