

Standard of Performance data for the month of Jun-2024

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

Table with 14 columns: 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. Rows include various BSR and SVRD entries for different reactor types and locations like AJMER, BAGPAT, BALLABGARH, and BASSI.

Standard of Performance data for the month of Jun-2024

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

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-2 AT SIKAR	SVRD	11-06-2024	09:30:00	11-06-2024	15:06:00	0.23	0.00	0.00	0.00	5.60		* BR opened on voltage regulation. V-394kV
BSR	125MVAR.BUS REACTOR-2 AT SIKAR	SVRD	13-06-2024	09:33:00	13-06-2024	17:35:00	0.34	0.00	0.00	0.00	8.03		* BR opened on voltage regulation. Voltage-390KV.
BSR	125MVAR.BUS REACTOR-2 AT SIKAR	SVRD	12-06-2024	09:12:00	12-06-2024	17:46:00	0.36	0.00	0.00	0.00	8.57		* BR opened on voltage regulation. Voltage-390KV.
BSR	125MVAR.BUS REACTOR-2 AT SIKAR	SVRD	08-06-2024	11:32:00	08-06-2024	17:02:00	0.23	0.00	0.00	0.00	5.50		* BR opened on voltage regulation. Voltage-394kV.
BSR	125MVAR.BUS REACTOR-2 AT SIKAR	SVRD	06-06-2024	10:21:00	06-06-2024	16:48:00	0.27	0.00	0.00	0.00	6.45		* BR opened on voltage regulation.Voltage-395KV
BSR	125MVAR.BUS REACTOR-2 AT SIKAR	SVRD	10-06-2024	08:38:00	10-06-2024	16:53:00	0.34	0.00	0.00	0.00	8.25		* BR opened on voltage regulation.Voltage-395KV
BSR	125MVAR.BUS REACTOR-2 AT SIKAR	SVRD	05-06-2024	09:27:00	05-06-2024	18:15:00	0.37	0.00	0.00	0.00	8.80		* BR opened on voltage regulation. Voltage-394KV.
BSR	125MVAR.BUS REACTOR-2 AT SIKAR	SVRD	04-06-2024	08:45:00	04-06-2024	17:14:00	0.35	0.00	0.00	0.00	8.48		* BR opened on voltage regulation. Voltage-391KV.
							10.17	0.00	0.00	0.00	243.65	100.00	
BSR	125MVAR.BUS REACTOR-1 AT SONIPAT	SVRD	19-06-2024	12:21:00	30-06-2024	23:59:59	11.49	0.00	0.00	0.00	275.65		* BR opened on voltage regulation. Voltage-390KV.
BSR	125MVAR.BUS REACTOR-1 AT SONIPAT	SVRD	04-06-2024	10:30:00	30-06-2024	23:59:59	26.56	0.00	0.00	0.00	637.50		* BR opened on voltage regulation. Voltage-390KV.
							38.05	0.00	0.00	0.00	913.15	100.00	
BSR	125MVAR.BUS REACTOR-2 AT SONIPAT	SVRD	01-06-2024	00:00:01	02-06-2024	18:19:00	1.76	0.00	0.00	0.00	42.32		* BR opened on voltage regulation Voltage 394 KV.
BSR	125MVAR.BUS REACTOR-2 AT SONIPAT	SVRD	07-06-2024	16:33:00	30-06-2024	23:59:59	23.31	0.00	0.00	0.00	559.45		* BR opened on voltage regulation.Voltage-395KV
							25.07	0.00	0.00	0.00	601.77	100.00	
BSR	125MVAR.BUS REACTOR-1 AT TUGHLAKABAD	SVRD	01-06-2024	00:00:01	28-06-2024	06:08:00	27.26	0.00	0.00	0.00	654.13		* BR opened on voltage regulation. Voltage-396KV
							27.26	0.00	0.00	0.00	654.13	100.00	
CKT	220kV ANTA(NTPC)-BHILWARA(RRVPNL)-1	LART	26-06-2024	13:51:00	26-06-2024	13:51:00	0.00	0.00	0.00	0.00	0.00		* Auto reclosed successfully during R-N fault Bhilwara:M1: Z-1, R-PH, 63.14KM, 2.503KA; M2: Z-1, RPH,* 2.576 KA, 78.27 KM. Details at Anta NTPC: Zone-1/113.77 KM/1.3KA,Fault duration: 3.334 ms, Fault resistance: 2 ohms. Fault under Kota* TLM jurisdiction
CKT	220kV ANTA(NTPC)-BHILWARA(RRVPNL)-1	LART	28-06-2024	13:11:00	28-06-2024	13:11:00	0.00	0.00	0.00	0.00	0.00		* Auto-reclosed on R-N Fault at 13:11 Hrs/28.06.2024."Bhilwara end" details:-M1: Z-1, R-PH, 70.96 KM, 2.312 KA.M2: Z-1, R-PH, 88.03 KM, 2.384 KA."Anta"-105.49 KM/1.422 KA.Fault under Kota TL jurisdiction."
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV ANTA(NTPC)-BHILWARA(RRVPNL)-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	220kV ANTA(NTPC)-LALSOT(RRVPNL)			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	220kV ANTA(NTPC)-RAPPC(NPCIL)			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	220kV ANTA(NTPC)-SAWAI MADHOPUR(RRVPNL)	LEFT	27-06-2024	19:03:00	28-06-2024	07:50:00	0.53	12.78	0.00	0.00	0.00		* Tripped on B-N fault due to heavy wind storm,rain.Anta-26.01 Km/lc-* 4.706 KA. Samaimadhapur: Main I: Z-1,Distance: 72.12km, Fault* Current: 827.9Am. Fault under Kota TL jurisdiction of the line.Charging* attempt failed at 21:13hrs from Sawaimadhapur en
							0.53	12.78	0.00	0.00	0.00	98.22	
CKT	220kV BASSI-IG NAGAR(RRVPNL)			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	220kV BASSI-BAGRU(RRVPNL)	OSFT	01-06-2024	00:00:01	01-06-2024	01:36:00	0.07	1.60	0.00	0.00	0.00		* Forced S/D to attend damaged insulator of 212-89L/R-Phase at Bassi end.
CKT	220kV BASSI-BAGRU(RRVPNL)	LPRD	17-06-2024	14:33:00	17-06-2024	15:07:00	0.02	0.00	0.00	0.00	0.57		* Line opened on power regulation as per NRLDC instruction(LPRD).
							0.09	1.60	0.00	0.00	0.57	99.78	
CKT	220kV DAUSA(RRVPNL)-BASSI-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	220kV DAUSA(RRVPNL)-BASSI-2	OSFD	06-06-2024	18:32:00	06-06-2024	20:44:00	0.09	0.00	0.00	0.00	2.20		* Forced shutdown to attend of red hot on the Main Bus-II Isolator clamp (R-Ph) and CT Clamp (R-Ph) of 220 KV PGCIL-II Bay.
							0.09	0.00	0.00	0.00	2.20	100.00	
CKT	220kV FGPP(NTPC)-PALLA(HVPNL)-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	220KV-FGPP NTPC-SEC 58(HVPNL)-1	OSFD	01-06-2024	00:00:01	30-06-2024	23:59:59	30.00	0.00	0.00	0.00	720.00		* CB emergency hand tripped due to R-Phase cable box damaged at Faridabad Sec-58(HVPNL end). Still out.
							30.00	0.00	0.00	0.00	720.00	100.00	
CKT	220KV-FGPP NTPC-SEC 58(HVPNL)-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	220KV-FGPP NTPC-SEC 78(HVPNL)-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	220kV HISAR-HISAR(HVPNL)-1	SBBU	05-06-2024	21:37:00	05-06-2024	23:47:00	0.09	0.00	2.17	0.00	0.00		* Tripped from Hissar(PG) end only. Bus Bar Protection Operated at Hisar (IA)Due To Snapping Of Conductor Of IA Hissar To Masudpur Ckt
							0.09	0.00	2.17	0.00	0.00	100.00	
CKT	220kV HISAR-HISAR(HVPNL)-2	SBBU	05-06-2024	21:37:00	05-06-2024	23:47:00	0.09	0.00	2.17	0.00	0.00		* Tripped from Hissar(IA) end only. Bus Bar Protection Operated at Hisar (IA)Due To Snapping Of Conductor Of IA Hissar To Masudpur Ckt
							0.09	0.00	2.17	0.00	0.00	100.00	
CKT	220kV IG NAGAR(RRVPNL)-HIRAPURA(RRVPNL)			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	220kV LALSOT(RRVPNL)-DAUSA(RRVPNL)			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	220kV MANSROVAR(RRVPNL)-HIRAPURA(RRVPNL)			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	220kV MEERUT-MODIPURAM(UPPTCL)-1	OSFD	07-06-2024	09:43:00	07-06-2024	15:08:00	0.23	0.00	0.00	0.00	5.42		* S/D by UPPCL to attend Hotspot on R phase CT clamp at their* Modipuram end
CKT	220kV MEERUT-MODIPURAM(UPPTCL)-1	OSFD	14-06-2024	06:51:00	14-06-2024	11:02:00	0.17	0.00	0.00	0.00	4.18		* Forced shutdown by UPPCL at attend Hotspot of y phase breaker clamp at Modipuram end.
							0.40	0.00	0.00	0.00	9.60	100.00	
CKT	220kV MEERUT-MODIPURAM(UPPTCL)-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	220kV MEERUT-NARA(UPPTCL)			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	

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CKT	220kV MEERUT-SHATABDINAGAR(UPPTCL)	OSFD	12-06-2024	06:37:00	12-06-2024	08:30:00	0.08	0.00	0.00	0.00	1.88		* Forced SD by UPPCL to facilitate ESD of 220 KV Main bus at 220* KV Shatabdi nagar s/(there is a red hot on the Bus Isolator* Clamp of 220KV Shatabdi Nagar- Modipuram Line Bay,Line* opened only from satabinagr end
CKT	220kV MEERUT-SHATABDINAGAR(UPPTCL)	OSFD	01-06-2024	06:17:00	01-06-2024	08:49:00	0.11	0.00	0.00	0.00	2.53		* Forced shutdown by UPPCL for attending hot spot on Y-ph Isolator jaw at their Shatabdinagar end.
CKT	220kV MEERUT-SHATABDINAGAR(UPPTCL)	OSPD	18-06-2024	07:48:00	18-06-2024	09:59:00	0.09	0.00	0.00	0.00	2.18	100.00	* Shutdown by UPPCL for routine testing of 220 KV Bay at 220 KV* S/s Shatabdi Nagar end and other maintenance work
CKT	220kV MEERUT-SIMBHOLI(UPPTCL)	OSPD	04-06-2024	11:09:00	04-06-2024	19:23:00	0.34	0.00	0.00	0.00	6.59		* Shutdown by UPPCL for Replacement of disc insulator by polymer insulator in their line portion.
CKT	220kV MEERUT-SIMBHOLI(UPPTCL)	LPRD	19-06-2024	13:23:00	30-06-2024	23:59:59	11.44	0.00	0.00	0.00	274.62		* Forced shutdown by UPPCL to control overloading of NAPP Simbhaoli.* 20.06.2024 06:28:28 INDIA (60011537)=<-&->#02:Simbhaoli.* Line opened only from UP end(simbholi) to control overloading of NAPP- Simbholi.
CKT	220kV RAPPB(NPCIL)-CHITTORGARH(RRVPNL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV RAPPB(NPCIL)-CHITTORGARH(RRVPNL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV RAPPB(NPCIL)-RAPP(NPCIL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV RAPPB(NPCIL)-UDAIPUR(RRVPNL)	LART	07-06-2024	08:51:00	07-06-2024	08:51:00	0.00	0.00	0.00	0.00	0.00		* Auto-reclosed on R-N fault. CB remained closed at both ends.RAPP-B* end-Zone-1 /91 kms/ 0.618 KA.Fault under Kota TL jurisdiction.
CKT	220kV RAPPB(NPCIL)-UDAIPUR(RRVPNL)	OSFT	22-06-2024	14:40:00	23-06-2024	00:51:00	0.42	10.18	0.00	0.00	0.00		* Forced shutdown by Kota TL to attend the snapped earth wire between tower loc. No. 179-181.
CKT	220kV RATANGARH(RRVPNL)-SIKAR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	98.59	
CKT	220kV RATANGARH(RRVPNL)-SIKAR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV-SAMAYPUR(HVPNL)-SEC58-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV-SAMAYPUR(HVPNL)-SEC58-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV SANGANER(RRVPNL)-MANSROVAR(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV S.MADHOPUR(RRVPNL)-DAUSA(RRVPNL)-1	OSPD	07-06-2024	10:10:00	07-06-2024	17:01:01	0.29	0.00	0.00	0.00	6.85		* S/D by RRVPNL For Half yearly Maintenance at 220kV GSS SWM
CKT	220KV-SEC 78(HVPNL)-PALLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV SIKAR(RRVPNL)-SIKAR-1	OSPD	27-06-2024	16:24:00	27-06-2024	20:23:00	0.17	0.00	0.00	0.00	3.98		* Shutdown by RVPN for maintenance works at their end.
CKT	220kV SIKAR(RRVPNL)-SIKAR-2	OSPD	28-06-2024	16:26:00	28-06-2024	20:43:00	0.18	0.00	0.00	0.00	4.28		* S/D by RRVPNL for maintenance work at their end.
CKT	400kV AGRA-JAIPUR SOUTH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV AGRA-JAIPUR SOUTH-2	OSFT	12-06-2024	10:02:00	12-06-2024	13:59:00	0.17	3.95	0.00	0.00	0.00		* Forced shutdown by NR-3 to attend hot spot in line bay gantry* tower (R- Ph) at Agra end.
CKT	400kV AGRA-SIKAR-1	LART	26-06-2024	13:35:00	26-06-2024	13:35:00	0.00	0.00	0.00	0.00	0.00		* Auto reclosed on Y-N fault. SIKAR-FAULT TYPE: Y Phase to Ground Fault FAULT CURRENT:1.544 kA LOCATION: 386.000km (100.000%).Agra-Main 1 - Zone 1, Y-N , 70.8 KM , 8.416 kA,Main 2 - Zone 1 , Y-N , 69.2 KM , 6.76 kA* Fault under NR-3 Jurisdiction
CKT	400kV AGRA-SIKAR-2	OSPT	12-06-2024	08:50:00	12-06-2024	21:14:00	0.52	12.40	0.00	0.00	0.00	98.28	* Shutdown by NR-3 for shutdown nature defects rectification* works.
CKT	400kV AJMER-AJMER(RRVPNL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV AJMER-AJMER(RRVPNL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BABA(RRVPNL)-SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAGPAT-DEHRADUN			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAGPAT-MEERUT-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAGPAT-MEERUT-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAGPAT-SAHARANPUR	LART	22-06-2024	21:29:00	22-06-2024	21:29:00	0.00	0.00	0.00	0.00	0.00		* Auto-reclosed successfully during Y-N fault. Double end AFAS details: Baghat: 5.448 kA, 98.998km. Saharanpur: 10.033 kA, 23.347km. Fault under Roorkee TL jurisdiction.
CKT	400kV BAGPAT-SAHARANPUR	LART	22-06-2024	04:08:00	22-06-2024	04:08:00	0.00	0.00	0.00	0.00	0.00		* Auto-reclosed successfully during Y-N Fault. Saharanpur : YN, 25.8KM, 9.6kA; Baghat : YN, 80.3KM, 4.5kA. Fault under Roorkee TLM Ju= rsdiction.
CKT	400kV BALLABHGARH-NAVADA(HVPNL)	OSFD	17-06-2024	14:15:00	17-06-2024	22:38:00	0.35	0.00	0.00	0.00	8.38		* Hand tripped by HVPNL due to sparking in R-phase wave trap clamps Nawada end SD taken by HVPNL.
CKT	400kV BALLABHGARH-NAVADA(HVPNL)	OSFT	15-06-2024	06:10:00	15-06-2024	11:25:00	0.22	5.25	0.00	0.00	0.00		* Forced shutdown for attending hot point in 427-89L R phase isolator at Ballabgarh PG.
CKT	400kV BASSI-HIRAPURA(RRVPNL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	99.27	
CKT	400kV BASSI-HIRAPURA(RRVPNL)-2	LART	07-06-2024	15:35:00	07-06-2024	15:35:00	0.00	0.00	0.00	0.00	0.00		* A/R on R Phase to Ground Fault FAULT CURRENT: 10.498 kA* LOCATION: Bassi-22.19km. Fault under Bassi TL.

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CKT	400kV BASSI-HIRAPURA(RRVPNL)-2	OMSU	07-06-2024	19:55:00	07-06-2024	22:32:00	0.11	0.00	2.62	0.00	0.00	100.00	* Forced SD to remove hanging metal tin shed on R phase Jumper* of tower loc. No. 68
CKT	400kV BASSI-JAIPUR SOUTH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BASSI-JAIPUR SOUTH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BASSI-PHAGI(RRVPNL)-1	OSPD	18-06-2024	18:24:00	19-06-2024	01:36:00	0.30	0.00	0.00	0.00	7.20	100.00	* Shutdown by RVPN for quarterly maintenance work of line bay* Equipment at Phagi end.
CKT	400kV BASSI-PHAGI(RRVPNL)-2	SBBT	04-06-2024	22:04:00	04-06-2024	23:17:00	0.05	1.22	0.00	0.00	0.00	99.83	* Line tripped along with 400KV Bus-2 tripping at Bassi.
CKT	400kV BEAWAR(SREE CEMENT)-MERTA(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAHADURGARH-BAWANA(DTL)	OSFT	13-06-2024	06:34:00	13-06-2024	16:10:00	0.40	9.60	0.00	0.00	0.00	98.67	* Forced shutdown to attend hot spots at T Nos- 35, 38, 76 <(>&<)> 82. Opportunity shutdown by DTL for attending hotspot on line isolator at Bawana end.
CKT	400kV BAHADURGARH-KABULPUR(HVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAHADURGARH-SONIPAT-1	OMSU	01-06-2024	14:06:00	01-06-2024	16:08:00	0.09	0.00	2.03	0.00	0.00	100.00	* Tripped only from Bahadurgarh end during localisd extreme windstorm due to jumper swing at tower loc 58 at B Phase(top). Nonthing found abnormal.
CKT	400kV BAHADURGARH-SONIPAT-1	OSFT	28-06-2024	19:25:00	28-06-2024	22:51:00	0.14	3.43	0.00	0.00	0.00	99.52	* Forced shut down for attending hot spot in 407-89B isolator at Bahadurgarh SS.
CKT	400kV BAHADURGARH-SONIPAT-2	OMSU	01-06-2024	14:06:00	01-06-2024	16:54:00	0.12	0.00	2.80	0.00	0.00	100.00	* Tripped during localisd extreme windstorm due to jumper swing at tower loc 58 at B Phase(top). Bahadurgarh: B-N/20.45KM/8.9ka. Sonipat: 33.54KM/5.3KA. Nonthing found abnormal.
CKT	400kV BHADLA-BHADLA(RRVPNL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADLA-BHADLA(RRVPNL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-BHDLA(PG) R-BHADLA2-1	LNCC	08-06-2024	01:00:00	08-06-2024	06:50:00	0.24	0.00	0.00	5.83	0.00	100.00	* Tripped due to heavy wind on R-Y fault* Bhadla: 1.4km/22kA, Bhadla 2: 47.8km/3.6kA
CKT	400KV-BHDLA(PG) R-BHADLA2-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BASSI-BHIWADI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHIWADI-KOTPUTLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHIWADI-NEEMRANA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHIWADI-NEEMRANA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHIWANI(BBMB)-BHIWANI	LEFT	09-06-2024	15:27:00	09-06-2024	17:57:00	0.10	2.50	0.00	0.00	0.00	98.48	* Line tripped on B-N fault. Bhiwani PG(AFAS)- M-1: Z-1/ 14.809KM/15.80kA= M-2: Z-1/14.554KM/15.68kA. Bhiwani(BBMB) - M-1-B-N/16.51KM/ 5.79 KA, M-2 : 16.15KM. Fault is at boundary between Bhiwani TLM <(>&<)> Bahadurgarh TLM.
CKT	400kV BHIWANI(BBMB)-BHIWANI	OSFT	09-06-2024	20:10:00	09-06-2024	22:08:00	0.08	1.97	0.00	0.00	0.00	100.00	* Forced shutdown by Bahadurgarh TLM for Tree cutting in span 215-216.
CKT	400kV BHIWANI(BBMB)-BHIWANI	OSFT	25-06-2024	18:51:00	25-06-2024	21:46:00	0.12	2.92	0.00	0.00	0.00	100.00	* Forced SD for attending hotspot in 41389L isolator at Bhiwani PG.
CKT	400kV BHIWANI(BBMB)-BHIWANI	OSFT	21-06-2024	16:53:00	21-06-2024	20:26:00	0.15	3.55	0.00	0.00	0.00	98.48	* Forced SD to attend Hotspot (151°C) on Y phase line isolator (413-89L) in 400kV BBMB Bhiwani – Bhiwani line at Bhiwani PG.
CKT	400kV BHIWANI-JIND-1	LEFT	05-06-2024	22:29:00	06-06-2024	03:35:00	0.21	5.10	0.00	0.00	0.00	99.29	* Tripped FAULT TYPE: R Phase to Ground Fault* FAULT CURRENT: 19.573 kA* LOCATION: 0.151km (0.180%) FROM JIND Fault under Bhiwani TLM Jurisdiction
CKT	400kV BHIWANI-JIND-1	LPRD	12-06-2024	12:13:00	12-06-2024	12:52:00	0.03	0.00	0.00	0.00	0.65	100.00	* Line opened only from Jind on Power Regulation as per NRLDC instruction.
CKT	400kV BHIWANI-JIND-1	LPRD	13-06-2024	10:37:00	15-06-2024	06:12:00	1.82	0.00	0.00	0.00	43.58	100.00	* Line opened on Power Regulation as per NRLDC instruction.
CKT	400kV BHIWANI-JIND-2	LPRD	13-06-2024	10:18:00	15-06-2024	06:31:00	1.84	0.00	0.00	0.00	44.22	100.00	* Line opened on Power Regulation as per NRLDC instruction.
CKT	400kV BHIWANI-JIND-2	LPRD	12-06-2024	12:14:00	12-06-2024	22:54:00	0.44	0.00	0.00	0.00	10.67	100.00	* Line opened on Power Regulation as per NRLDC instruction.
CKT	400kV BHIWANI-JIND-2	LPRD	10-06-2024	10:12:00	12-06-2024	00:52:00	1.61	0.00	0.00	0.00	38.67	100.00	* Line open to manage loading in 1000MVA ICT-1 at Bhiwani* substation. ICT-3 @Bhiwani is under breakdown as per NRLDC* instruction.
CKT	400kV BHIWANI-JIND-2	OSFT	06-06-2024	23:20:00	07-06-2024	01:00:00	0.07	1.67	0.00	0.00	0.00	99.77	* Forced shutdown to attend hot observed at the B-Ph dropper clamp between 409-89A <(>&<)> 410 89B isolators at Jind SS.
CKT	400kV BHIWANI-KABULPUR(HVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-BHIWN-MHNDGRH-CKT-3	GOVC	17-06-2024	13:53:00	17-06-2024	15:38:00	0.07	0.00	0.00	1.75	0.00	100.00	* 18.06.2024 00:15:32 INDIA (60011877)* Tripped on Over Voltage due to Grid disturbance (Due to wind strom in Orai zone).
CKT	400KV-BHIWN-MHNDGRH-CKT-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHINMAL-KANKROLI	OMSU	21-06-2024	05:01:00	21-06-2024	06:32:00	0.06	0.00	1.52	0.00	0.00	100.00	* 00KV Kankroli-Zerda Line-2 tripped from Zerda end while autoreclose at Kankroli end from T/Bay at 05:01 hrs/21.06.2024. M/Bay at Kankroli tripped.Kankroli-R-N/2.47KA/139.325KM.Zerda-R-N/99.0KM/3.58KA.Fault under Bhinmal TLM jurisdiction.
CKT	400KV-BIKANER-BIKANR2-CKT-I	OSFT	10-06-2024	15:45:00	10-06-2024	17:56:00	0.09	2.18	0.00	0.00	0.00	99.70	* Forced shutdown to re-connect broken Y-ph LA E/S strip* (connected with LA Base to counter) at Bikaner-2 end.
CKT	400KV-BIKANER-BIKANR2-CKT-II			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 Jun-2024

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

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
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAMNOLI(DTL)-TUGHLAKABD-1	OSPD	01-06-2024	00:00:01	30-06-2024	23:59:59	30.00	0.00	0.00	0.00	720.00		* S/D by DTL for capacitance and other testing works of line CVT at their end.
CKT	400kV BAMNOLI(DTL)-TUGHLAKABD-1	OSFD	20-06-2024	06:15:00	20-06-2024	10:18:00	0.17	0.00	0.00	0.00	4.05		* Forced shutdown by DTL to attend Hotspot in line isolator R phase dropper at Bamnoli end.
							30.17	0.00	0.00	0.00	724.05	100.00	
CKT	400kV BAMNOLI(DTL)-TUGHLAKABD-2	OSFD	05-06-2024	05:38:00	05-06-2024	11:26:00	0.24	0.00	0.00	0.00	5.80		* Forced Shutdown by DTL to attend hotspot observed on line conductor <-&<-> line isolator of 400kV Bamnoli-Tughlakabad ckt-2 at Bamnoli end.
							0.24	0.00	0.00	0.00	5.80	100.00	
CKT	400KV-BAREILY-MEERUT-3(LILO PART MEERUT)			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-BAREILY-MEERUT-4(LILO PART MEERUT)			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 BAWANA(DTL)-BHIWANI	LEFT	05-06-2024	21:21:00	06-06-2024	14:47:00	0.73	17.43	0.00	0.00	0.00		* Tripped , FAULT TYPE: B Phase to Ground Fault* FAULT CURRENT: 5.039 kA* LOCATION: 78.869km (80.960%) Fault under Bahadurgarh TL Jurisdiction
CKT	400kV BAWANA(DTL)-BHIWANI	OSFT	14-06-2024	07:04:00	14-06-2024	14:24:00	0.31	7.33	0.00	0.00	0.00		* Forced shutdown to attend hot spots on Tower Nos.-33,35,38,47<-&<->49 by Bhiwani TL.
CKT	400kV BAWANA(DTL)-BHIWANI	OSFT	08-06-2024	17:57:00	08-06-2024	22:57:00	0.21	5.00	0.00	0.00	0.00		* Forced Shutdown by Bahadurgarh TLM to attend hot spot at Location No-33.
							1.25	29.76	0.00	0.00	0.00	95.87	
CKT	400kV CHITTORGARH-CHITTORGARH(RRVPNL)-1	OSFT	07-06-2024	17:05:00	08-06-2024	03:27:00	0.43	10.37	0.00	0.00	0.00		* S/D by PG for Rectification of Shutdown Nature Defects in the TL
							0.43	10.37	0.00	0.00	0.00	98.56	
CKT	400kV CHITTORGARH-CHITTORGARH(RRVPNL)-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 DADRI(NTPC)-GREATER NOIDA(UPPTCL)	OSPD	16-06-2024	09:32:00	16-06-2024	17:29:00	0.33	0.00	0.00	0.00	7.95		* Shutdown by UPPCL for Maintenance work at Tower No. 1 under their jurisdiction.
							0.33	0.00	0.00	0.00	7.95	100.00	
CKT	400kV DADRI(NTPC)-MANDOLA-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 DADRI(NTPC)-MANDOLA-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 DADRI(NTPC)-MAHRANIBAGH			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 DADRI(NTPC)-MURADNAGAR(UPPTCL)	LPPT	05-06-2024	21:17:00	06-06-2024	21:35:00	1.01	24.30	0.00	0.00	0.00		* Muradnagar Details:- R-B Fault, Distance 10.04 KM, IR 8.646 KA, IY 10.367 RB 1.857 KA* Dadri End Detail :- R-Y-N fault , Distance - 18.99 KM* Site details :- mid span failed between tower no. 56-57 400 KV Dadri Muradnagar Line.* Fault under Dadri TLM J
							1.01	24.30	0.00	0.00	0.00	96.62	
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-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 DADRI(NTPC)-PANIPAT(BBMB)-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 DEHRADUN-ABDULLAPUR-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 DEHRADUN-ABDULLAPUR-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-DWARKA-BAMNAULI-CKT1			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 FATEHABAD-HISAR	OMSU	13-06-2024	12:40:00	13-06-2024	14:22:00	0.07	0.00	1.70	0.00	0.00		* 13.06.2024 23:36:12 INDIA (60011930)* 400KV Fatehabad - Bhiwani BBMB (Bypass at HISAR through tie bay 411) line tripped only from Fatehabad end due to DT received ch-2 at Fatehabad from Bhiwani(BBMB) end.
							0.07	0.00	1.70	0.00	0.00	100.00	
CKT	400kV GR.NOIDA(UPPTCL)-NAVADA(HVPNL)	OSPD	01-06-2024	09:15:00	01-06-2024	13:58:00	0.20	0.00	0.00	0.00	4.72		* Shutdown by UPPCL for Maintenance Work at Wave trap clamp of mentioned line at Gr. Noida end.
							0.20	0.00	0.00	0.00	4.72	100.00	
CKT	400kV GURGAON-BALLABGARH			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 GURGAON-BHIWADI	OSFT	20-06-2024	17:27:00	20-06-2024	18:56:00	0.06	1.48	0.00	0.00	0.00		* Emergency shutdown to attend hot spot in R Phase of line bay isolator connector at Bhiwadi.
							0.06	1.48	0.00	0.00	0.00	99.79	
CKT	400kV GURGAON-SOHNA(STERLITE)-1	GOVC	20-06-2024	18:57:00	20-06-2024	21:35:00	0.11	0.00	0.00	2.63	0.00		* Tripped on Over voltage stage-1 operated at Gurgaon and DT sent to Sohna end.
							0.11	0.00	0.00	2.63	0.00	100.00	
CKT	400kV GURGAON-SOHNA(STERLITE)-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 HAPUR(UPPTCL)-MURADNAGAR(UPPTCL)			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 HISAR-BHIWADI-1	OSFT	17-06-2024	21:24:00	17-06-2024	21:35:00	0.01	0.18	0.00	0.00	0.00		* Forced Shutdown to attend Trip circuit 1 and 2 faulty alarm in 400 kV Tie bay 414(Tie bay of Hisar 1 line and bus reactor) at Bhiwadi end.
CKT	400kV HISAR-BHIWADI-1	OSFT	17-06-2024	14:00:00	17-06-2024	18:05:00	0.17	4.08	0.00	0.00	0.00		* Forced shutdown to attend hanging Bird Guard on B-Phase at Loc. 255.
CKT	400kV HISAR-BHIWADI-1	LART	14-06-2024	20:19:00	14-06-2024	20:19:00	0.00	0.00	0.00	0.00	0.00		* Autoreclosed successfully on B-N fault. HISSAR-109.554 km(Double End)/3.895 kA .BHIWADI -102.015 km(Double End)/3.945 kA. Fault under Bhiwani TL jurisdiction.
							0.18	4.26	0.00	0.00	0.00	99.41	
CKT	400kV HISAR-BHIWADI-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 HISAR-BHIWADI-3	OSFT	26-06-2024	13:45:00	26-06-2024	16:38:00	0.12	2.88	0.00	0.00	0.00		* Forced SD to attend the hotspot in connector of 431 89L line* isolator at Bhiwadi.
CKT	400kV HISAR-BHIWADI-3	LART	09-06-2024	10:30:00	09-06-2024	10:30:00	0.00	0.00	0.00	0.00	0.00		* A/R on R Phase to Ground Fault. Hisar-FAULT CURRENT: 8.114 kA LOCATION: 31.086km (21.950%) .Bhiwadi- Main 1-112.7 KM .Fault Rph to G.Ir = 3.069KA.Main 2 distance = 117.78 KM Rph to G Ir = 3146 A.Fault under Hisar TL
							0.12	2.88	0.00	0.00	0.00	99.60	

Standard of Performance data for the month of Jun-2024

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

Object Type	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
CKT	400kV HISAR-BHIWANI(BBMB)	OMSU	13-06-2024	12:40:00	13-06-2024	14:22:00	0.07	0.00	1.70	0.00	0.00	100.00	* 400KV Fatehabad - Bhiwani BBMB (Bypass at HISAR through tie bay 411) line tripped only from Fatehabad end due to DT received ch-2 at Fatehabad from Bhiwani(BBMB) end.
CKT	400KV-HISAR-BHIWANI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-HISAR-BHIWANI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-HISAR-BHIWANI-3	GOVC	17-06-2024	13:53:00	17-06-2024	15:38:00	0.07	0.00	0.00	1.75	0.00	100.00	* Tripped on Over Voltage due to Grid disturbance (Due to wind storm in Orai zone).
CKT	400kV JAIPUR SOUTH-KOTA	OSFT	17-06-2024	13:02:00	17-06-2024	20:03:00	0.29	7.02	0.00	0.00	0.00	99.03	* Forced shutdown to attend current discrepancy in R <(>&<)> B-phase of 405 Bay <(>&<)> hotspot in 405 89A B-phase isolator at Kota PG.
CKT	400kV JAIPUR SOUTH-KOTA	LART	21-06-2024	12:59:00	21-06-2024	12:59:00	0.00	0.00	0.00	0.00	0.00	100.00	* AR successful on Y-N fault.Kota AFAS : Y-N, 6.060 kA, 41.142KM,JAIPUR SOUTH AFAS : Y-N, 2.410 kA, 136.364km Fault under Kota TL Jurisdiction.
CKT	400kV JAIPUR SOUTH-RAPPD(NPCIL)	LART	21-06-2024	12:50:00	21-06-2024	12:50:00	0.00	0.00	0.00	0.00	0.00	100.00	* AR successful on R-N fault. Jaipur South AFAS: R-N, 173.646KM, 2.573 kA RAPPD : R-N, 74.5km, 4.0285kA Fault under Kota TL Jurisdiction.
CKT	400kV JHATIKARA-BAMNOLI(DTL)-2	OSFD	02-06-2024	05:34:00	02-06-2024	10:36:00	0.21	0.00	0.00	0.00	5.03	100.00	* Forced shutdown by DTL to attend hot points line isolator 1589L* (R-Phase)-Quad clamp-connector at their Bamnoli end.
CKT	400kV JHATIKARA-BAMNOLI(DTL)-2	OSFD	16-06-2024	06:31:00	16-06-2024	10:32:00	0.17	0.00	0.00	0.00	4.02	100.00	* Forced shutdown by DTL to attend hot points and repair broken conductor strands at Bamnoli end.
CKT	400KV-JHATIKARA-DWARKA-CKT1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JHATIKARA-MUNDKA(DTL)-1	OSFD	22-06-2024	06:26:00	22-06-2024	10:18:00	0.16	0.00	0.00	0.00	3.87	100.00	* Forced shutdown by DTL to attend hotspot at dropper conductor of B phase of line isolator 401-89L at Mundka end.
CKT	400kV JHATIKARA-MUNDKA(DTL)-1	OSFD	27-06-2024	05:38:00	27-06-2024	10:21:00	0.20	0.00	0.00	0.00	4.72	100.00	* Forced SD By DTL to attend broken R Phase Jumper of Jhatikara* Circuit 1 along with 400kV Bus 1 at Mundka DTL end.
CKT	400kV JHATIKARA-MUNDKA(DTL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KAITHAL-HISAR-1	LCSD	08-06-2024	10:14:00	22-06-2024	20:26:00	14.43	0.00	0.00	0.00	346.20	100.00	* S/D for NHAI diversion work. S/D till 22.06.2024
CKT	400kV KAITHAL-HISAR-2	LCSD	08-06-2024	10:14:00	22-06-2024	22:06:00	14.49	0.00	0.00	0.00	347.87	100.00	* S/D for NHAI diversion work. S/D till 22.06.2024
CKT	400kV KANKROLI-JODHPUR(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KOTA-BEAWAR(SREE CEMENT)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KOTA-MERTA(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KOTPUTLI-BASSI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-KOTESHWAR(UK)-KOTESHWAR-1	OSPD	16-06-2024	10:05:00	16-06-2024	20:05:00	0.42	0.00	0.00	0.00	10.00	100.00	* Shutdown by THDC for Testing of Protection Relays in Line-1 panel at THDC end.
CKT	400KV-KOTESHWAR(UK)-KOTESHWAR-1	OSPD	18-06-2024	08:59:00	18-06-2024	17:54:00	0.37	0.00	0.00	0.00	8.92	100.00	* Shutdown by THDC for testing of Protection Relays in Bus-Bar* panel.
CKT	400KV-KOTESHWAR(UK)-KOTESHWAR-1	GOVC	17-06-2024	13:53:00	17-06-2024	15:36:00	0.07	0.00	0.00	1.72	0.00	100.00	* Tripped on Over Voltage due to Grid disturbance(Due to wind strom in Orai zone).
CKT	400KV-KOTESHWAR(UK)-KOTESHWAR-1	OSPD	19-06-2024	08:36:00	19-06-2024	19:00:00	0.43	0.00	0.00	0.00	10.40	100.00	* S/D by THDC for Circuit Breaker testing
CKT	400KV-KOTESHWAR(UK)-KOTESHWAR-1	OSFD	23-06-2024	10:16:00	29-06-2024	12:41:00	8.10	0.00	0.00	0.00	146.42	100.00	* Forced shutdown by KHEP for CB testing at KHEP end.
CKT	400KV-KOTESHWAR(UK)-KOTESHWAR-2	OSPD	18-06-2024	09:16:00	18-06-2024	18:11:00	0.37	0.00	0.00	0.00	8.92	100.00	* Shutdown by THDC for testing of Protection Relays in Bus-Bar* panel.
CKT	400KV-KOTESHWAR(UK)-KOTESHWAR-2	OSPD	20-06-2024	09:16:00	20-06-2024	17:27:00	0.34	0.00	0.00	0.00	8.18	100.00	* Shutdown at for Circuit Breaker testing at KHEP end. The line is already opened from KHEP end as their generating units are under shutdown since 02.06.2024. No generation in line.
CKT	400KV-KOTESHWAR(UK)-KOTESHWAR-2	OSFT	11-06-2024	17:51:00	11-06-2024	23:13:00	0.22	5.37	0.00	0.00	0.00	98.25	* Forced shutdown due to high THRC value for Y-phase LA at Koteswar end.
CKT	400KV-KOTESHWAR(UK)-KOTESHWAR-2	OSPD	17-06-2024	10:24:00	17-06-2024	17:05:00	0.28	0.00	0.00	0.00	6.68	100.00	* Shutdown by THDC for Testing of Protection Relays in Line-2 panel at THDC end.
CKT	400kV KOTESHWAR-TEHRI(THDC)-1	OMSU	03-06-2024	14:17:00	03-06-2024	18:57:00	0.19	0.00	4.67	0.00	0.00	98.32	* Tripped on R-N fault. Koteswar AFAS details: M1: R-N fault, 14.500km* (100%) , 5.71kA M2: R-N fault, 14.500km (100%) , 5.703 kA Koteswar* SS details M2: DEF operated, DT send, DT received at Tehri end
CKT	400kV KOTESHWAR-TEHRI(THDC)-1	OSFT	12-06-2024	07:55:00	12-06-2024	19:57:00	0.50	12.03	0.00	0.00	0.00	98.32	* Forced SD for replacement of CVT of B-phase at Koteswar End.
CKT	400kV KOTESHWAR-TEHRI(THDC)-2	LEFT	19-06-2024	15:20:00	19-06-2024	16:19:00	0.04	0.98	0.00	0.00	0.00	98.45	* Tripped on B-N fault during extreme rain and thunderstorm in the* region. Koteswar(AFAS): 4.688KA/16.500km,Zone 2. Koteswar SS:M1-* 10KM/4.57KA/B-N.
CKT	400kV KOTESHWAR-TEHRI(THDC)-2	OSFT	11-06-2024	07:42:00	11-06-2024	17:51:00	0.42	10.15	0.00	0.00	0.00	98.14	* Forced SD to attend THRC value for B-phase LA of Kot-Tehri line-** II is very high as compared to other phases
CKT	400kV KOTESHWAR-TEHRI(THDC)-3	OSPT	13-06-2024	07:27:00	13-06-2024	20:52:00	0.56	13.42	0.00	0.00	0.00	98.14	* Shutdown for increasing height of Y <(>&<)> B phase LA at Koteswar End.
CKT	400kV MANESAR-SOHN(ASTERLITE)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MANESAR-SOHN(ASTERLITE)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MAHARANIBAGH-BALLABHAGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-MBAGH-BAWANA-AC-CKT1	OMSU	01-06-2024	12:19:00	01-06-2024	21:58:00	0.40	0.00	9.65	0.00	0.00	100.00	* Tripped on DT received at Maharanibagh end from Bawana DTL. Forced hand tripped by DTL due to heavy sparking in R Ph common isolator 1689A jaw at Bawana. R-phase Jumper snapped at Bawana end. Later, forced shutdown availed vide NRLDC code-142 by DT

Standard of Performance data for the month of Jun-2024

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

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-MBAGH-BAWANA-AC-CKT1	OSFT	17-06-2024	09:04:00	17-06-2024	10:43:00	0.07	1.65	0.00	0.00	0.00		* Forced shutdown taken by Maharaniabagh SS for re-installation works of GIS duct at Maharaniabagh after rectification of defective O-ring of Y Phase Line PT Isolator of 400 kV Maharaniabagh - Mandola Ckt-1 at Maharaniabagh as Air to gas bushing of 400 kV
CKT	400KV-MBAGH-BAWANA-AC-CKT1	OSFT	17-06-2024	01:59:00	17-06-2024	06:19:00	0.18	4.33	0.00	0.00	0.00		* Forced Shutdown for opening of GIS duct required for* replacement of defective O-ring of Y Phase Line PT Isolator of* 400 kV Maharaniabagh - Mandola Ckt-1 at Maharaniabagh as Air to* gas bushing of 400 kV Maharaniabagh-Bawana Ckt-1 is adjacent to* Y Phase
							0.65	5.98	9.65	0.00	0.00	99.16	
CKT	400KV-MBAGH-BAWANA-AC-CKT2	OMSU	01-06-2024	12:19:00	01-06-2024	13:42:00	0.06	0.00	1.38	0.00	0.00		* Tripped only from Maharaniabagh end on DT received at Maharaniabagh end from Bawana DTL. Line remained charged from Bawana DTL end.
CKT	400KV-MBAGH-BAWANA-AC-CKT2	OMSU	01-06-2024	13:43:00	01-06-2024	21:59:00	0.34	0.00	8.27	0.00	0.00		* Tripped again on R-Y, phase to phase fault. Maharaniabagh: 42.863km/7.221 kA. R-phase Jumper snapped at Bawana end. Later, forced shutdown availed vide NRLDC code-146 by DTL for rectification works.
CKT	400KV-MBAGH-BAWANA-AC-CKT2	LART	18-06-2024	18:55:00	18-06-2024	18:55:00	0.00	0.00	0.00	0.00	0.00		* Line auto reclosed on R Phase to Ground Fault,FAULT CURRENT: 5.715* kALOCATION: 46.795km (100.000%).Fault under DTL jurisdiction.
							0.40	0.00	9.65	0.00	0.00	100.00	
CKT	400KV-MBAGH-MANDOLA-AC-CKT1	OSFT	16-06-2024	07:47:00	18-06-2024	22:29:00	2.61	62.70	0.00	0.00	0.00		* Forced hand tripped due to SF6 gas low STG-2 alarm at Maharaniabagh.
							2.61	62.70	0.00	0.00	0.00	91.29	
CKT	400KV-MBAGH-MANDOLA-AC-CKT2			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 HAPUR(UPTCL)-MORADABAD(UPTCL)	LCSD	29-06-2024	09:12:00	30-06-2024	23:59:59	1.62	0.00	0.00	0.00	38.80		* Shutdown for NHAI diversion work between tower no. 171-174.
							1.62	0.00	0.00	0.00	38.80	100.00	
CKT	400kv MEERUT-MANDOLA-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 MEERUT-MANDOLA-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 MEERUT-MANDOLA-3			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 MEERUT-MANDOLA-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 MEERUT-MUZAFFARNAGAR(UPTCL)			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 NEEMRANA-BABAI(RRVPNL)			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 NEEMRANA-MANESAR-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 NEEMRANA-MANESAR-2	OSFT	01-06-2024	19:06:00	02-06-2024	03:33:00	0.35	8.45	0.00	0.00	0.00		* Forced shutdown to resolve Main -2 relay (REL-670) communication issue at Neemrana end.
							0.35	8.45	0.00	0.00	0.00	98.83	
CKT	400kv NEEMRANA-SIKAR-2	OMSU	21-06-2024	01:44:00	21-06-2024	11:14:00	0.40	0.00	9.50	0.00	0.00		* Tripped : Neemrana-R-N/124KM/3.16kA, Sikar-R-N/47KM/7.59kA. Fault under Sikar TL jurisdiction.
CKT	400kv NEEMRANA-SIKAR-2	LART	21-06-2024	01:42:00	21-06-2024	01:42:00	0.00	0.00	0.00	0.00	0.00		* Autoreclosed FAULT TYPE: R Phase to Ground Fault , 3.838 kA* 128.054km from Neemrana. Fault under Sikar TL Jirisdiction.
							0.40	0.00	9.50	0.00	0.00	100.00	
CKT	400kv RAPP(NPCIL)-CHITTORGARH(RRVPNL)	LART	24-06-2024	07:54:00	24-06-2024	07:54:00	0.00	0.00	0.00	0.00	0.00		* Line Autoreclosed on Y-N fault. Chittorgarh: M1- Y-Ph, 5.351kM, 15.97kA, Z-1 , M2- Y-Ph, 8.12kM, Z-1,RaPP_C: M1: Y-ph, 148.70kM, 2.437kA, Z-2 , M2: Y-ph, Z-2, Fault is under Chittorgarh TLM jurisdiction.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kv RAPP(NPCIL)-KANKROLI	LART	26-06-2024	20:31:00	26-06-2024	20:31:00	0.00	0.00	0.00	0.00	0.00		* Autoreclosed Successfully during R-N fault. Kankroli :-2.651 kA /148.192km. RAPP end details:- M1: 42.16km, 3.658kA.Fault under Kota TL jurisdiction.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kv RAPP(NPCIL)-KOTA			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 RAPPD(NPCIL)-KOTA	LART	28-06-2024	13:09:00	28-06-2024	13:09:00	0.00	0.00	0.00	0.00	0.00		* Auto-reclosed on R-N Fault at 13:09 Hrs/28.06.2024. *Kota AFAS details:- M1: 11.559 kA, 19.082km (34.610%) <(>&<)> M2: 11.497 kA, 1= 9.291km (34.990%).*RAPPD end:- M1: 4.627kA, 39.23km <(>&<)> M2: 4.742kA, 39.23km. Fault under Kota TL jurisdiction.
CKT	400kv RAPPD(NPCIL)-KOTA	LART	26-06-2024	20:50:00	26-06-2024	20:50:00	0.00	0.00	0.00	0.00	0.00		* A/R on Y Phase to Ground Fault. Kota AFAS details:- M1: 10.667kA,* 20.624km (37.400%) <(>&<)> 10.598 kA ,20.287km (36.790%). Fault under Kota* TL jurisdiction.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kv RATANGARH(RRVPNL)-SIKAR-1	LPRD	01-06-2024	11:00:00	01-06-2024	11:57:00	0.04	0.00	0.00	0.00	0.95		* Line opened from Sikar end only on Power regulation.
CKT	400kv RATANGARH(RRVPNL)-SIKAR-1	OSFT	11-06-2024	17:38:00	11-06-2024	19:50:00	0.09	2.20	0.00	0.00	0.00		* Forced shutdown to attend hotspot main bay B-Ph isolator at* Ratangarh SS.
							0.13	2.20	0.00	0.00	0.95	99.69	
CKT	400kv RATANGARH(RRVPNL)-SIKAR-2	LVRD	28-06-2024	01:52:00	28-06-2024	07:04:00	0.22	0.00	0.00	0.00	5.20		* Line opened on voltage regulation.Sikar-424KV
CKT	400kv RATANGARH(RRVPNL)-SIKAR-2	LVRD	08-06-2024	03:15:00	08-06-2024	08:05:00	0.20	0.00	0.00	0.00	4.83		* Line opened on voltage regulation. V-395kV
CKT	400kv RATANGARH(RRVPNL)-SIKAR-2	LVRD	03-06-2024	19:03:00	04-06-2024	06:55:00	0.49	0.00	0.00	0.00	11.87		* Line opened on voltage regulation. Sikar-423KV
CKT	400kv RATANGARH(RRVPNL)-SIKAR-2	LVRD	29-06-2024	02:34:00	29-06-2024	06:05:00	0.15	0.00	0.00	0.00	3.52		* Line opened on voltage regulation 421 KV
							1.06	0.00	0.00	0.00	25.42	100.00	
CKT	400kv ROORKEE-DEHRADUN	OSFT	06-06-2024	11:31:00	06-06-2024	22:22:00	0.45	10.85	0.00	0.00	0.00		* Forced shut down to attend hotspot in conductor dropper of R phase Line Isolator at Roorkee.
							0.45	10.85	0.00	0.00	0.00	98.49	
CKT	400kv ROORKEE-KASHIPUR(PTCUL)-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 ROORKEE-KASHIPUR(PTCUL)-2	LEFT	28-06-2024	08:24:00	28-06-2024	09:38:00	0.05	1.23	0.00	0.00	0.00		* Line Tripped from Both end on R Phase to Ground Fault* FAULT CURRENT: 2.699 kA LOCATION: 150.900km (100.000%).* Fault under Roorkee TLM Jurisdiction.
							0.05	1.23	0.00	0.00	0.00	99.83	

Standard of Performance data for the month of Jun-2024

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

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 certifier	Detailed Reasons for Outage
CKT	400kV ROORKEE-MUZAFFARNAGAR(UPPTCL)	OMSU	03-06-2024	21:20:00	03-06-2024	23:21:00	0.08	0.00	2.02	0.00	0.00		* Tripped on Y Phase to Ground Fault Roorkhee-FAULT CURRENT: 5.086 kA* LOCATION: 70.000km (100.000%). Muzfng-3.6km/15.5kA, M-2 * 3.8km/15.15kA. Fault under UPPTCL/PITCUL Jurisdiction.
CKT	400kV ROORKEE-MUZAFFARNAGAR(UPPTCL)	OMSU	27-06-2024	04:52:00	27-06-2024	11:39:00	0.28	0.00	6.78	0.00	0.00		* Tripped on B-R* Fault,Roorkee(AFAS):61.583km(87.980%,7.424kA,Muzafng(UPPTCL):14.3* 2km,lr-15.8kA <(>&<)> lb-22.5kA Fault under UPPTCL jurisdiction
CKT	400kV ROORKEE-MUZAFFARNAGAR(UPPTCL)	OMSU	30-06-2024	04:53:00	30-06-2024	11:22:00	0.27	0.00	6.48	0.00	0.00		* Tripped on B-R-N Fault, Roorkhee-B-R-N/7.141KA/62.175KM. Muzaffarnagar : B-R-N/ 20.82KA/ 14.93 KM. Fault under PTCUL jurisdiction.
CKT	400kV ROORKEE-MUZAFFARNAGAR(UPPTCL)	LART	20-06-2024	18:48:00	20-06-2024	18:48:00	0.00	0.00	0.00	0.00	0.00		* Auto reclosed successfully on Y-N Fault,Roorkee-17.194km (24.560%)/10.573 kA,Fault under PTCUL Jurisdiction.
CKT	400kV ROORKEE-MUZAFFARNAGAR(UPPTCL)	LART	30-06-2024	04:09:00	30-06-2024	04:09:00	0.00	0.00	0.00	0.00	0.00		* Autoreclosed Roorkhee-B-N/5.824KA/62.699KM. Fault under PTCUL jurisdiction.
CKT	400kV ROORKEE-RISHIKESH(PTCUL)	OSPD	17-06-2024	08:54:00	17-06-2024	19:32:00	0.63	0.00	15.28	0.00	0.00	100.00	
							0.44	0.00	0.00	0.00	10.63	100.00	* Shutdown by PTCUL for Preventive Maintenance work at their end.
CKT	400kV ROORKEE-SAHARANPUR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SIKAR-BASSI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SIKAR-BASSI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV TUGHLAKABAD-BALLABGARH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV TUGHLAKABAD-BALLABGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV AGRA-JHATIKARA	OSPT	03-06-2024	07:53:00	03-06-2024	19:39:00	0.49	11.77	0.00	0.00	0.00		* Shutdown by NR-3 For attending Rectification of Shutdown* nature defects.
CKT	765kV AGRA-JHATIKARA	OSPT	01-06-2024	09:10:00	01-06-2024	20:11:00	0.46	11.02	0.00	0.00	0.00		* Shutdown by NR-3 For attending Rectification of Shutdown nature defects.
CKT	765kV AGRA-JHATIKARA	OSPT	02-06-2024	07:44:00	02-06-2024	20:45:00	0.54	13.02	0.00	0.00	0.00		* Shutdown by NR-3 For attending Rectification of Shutdown* nature defects
CKT	765kV AJMER-BHADLA2-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	95.03	
CKT	765kV AJMER-BHADLA2-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV BHADLA-BIKANER-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV BHADLA-BIKANER-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	09-06-2024	18:22:00	10-06-2024	07:14:00	0.54	0.00	0.00	0.00	12.87		* Line opened on voltage regulation. Bhiwani-790KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	03-06-2024	18:57:00	04-06-2024	08:47:00	0.58	0.00	0.00	0.00	13.83		* Line opened on voltage regulation. Bhiwani-792KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	28-06-2024	03:36:00	28-06-2024	10:33:00	0.29	0.00	0.00	0.00	6.95		* Line opened on voltage regulation.Bhiwani-790KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	07-06-2024	18:58:00	08-06-2024	09:02:00	0.59	0.00	0.00	0.00	14.07		* Line opened on voltage regulation. Bhiwani=785 kV
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LEFT	06-06-2024	21:17:00	07-06-2024	01:50:00	0.19	4.55	0.00	0.00	0.00		* Tripped during localized windstorm and thunderstorm accompanied with gusty wind and rain. Bhiwani (AFAS): FAULT TYPE: R Phase to Ground Fault, FAULT CURRENT: 22.128 kA, LOCATION: 0.155km. PHAGI: Zone-2/277.60KM/1r=2.40KA, M2-288.00KM/Zone-2/1r
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	OSPD	05-06-2024	18:38:00	06-06-2024	09:39:00	0.63	0.00	0.00	0.00	15.02		* Shutdown by RRVPNL for Maintenance of line bay Equipments i.e. CVT, WT <(>&<)> line Isolator at Phagi end.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	02-06-2024	18:10:00	03-06-2024	09:06:00	0.62	0.00	0.00	0.00	14.93		* Line opened on voltage regulation. Bhiwani-790KV.
CKT	765kV BHIWANI-MEERUT	LVRD	06-06-2024	22:37:00	07-06-2024	10:20:00	0.49	0.00	0.00	0.00	11.72		* Line opened on voltage regulation. Meerut-790KV.
CKT	765kV BHIWANI-MEERUT	LEFT	01-06-2024	13:26:00	01-06-2024	13:52:00	0.02	0.43	0.00	0.00	0.00		* A/R successful at Meerut, but tripped (A/R unsuccessful) at Bhiwani at 13:26Hrs/01.06.2024 on R-N fault. MEERUT(AFAS) : 148.715km, 4.679 Ka, BHIWANI(AFAS) : 20.090km (11.570%), 15.124 kA* Fault in Bhiwani TL jurisdiction.*
CKT	765kV BHIWANI-MEERUT	LVRD	06-06-2024	00:38:00	06-06-2024	10:04:00	0.39	0.00	0.00	0.00	9.43		* Line opened on voltage regulation Meerut 780 KV
CKT	765kV BHIWANI-MOGA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	99.94	
CKT	765KV-BIKANER-BHADLA2-ACL-CKT1	LART	22-06-2024	14:16:00	22-06-2024	14:16:00	0.00	0.00	0.00	0.00	0.00	100.00	* Auto-reclosed successfully during R-N fault. Bikaner- R-G, 9.086 kA/ 41.504km. Fault under Bikaner TL jurisdiction.
CKT	765KV-BIKANER-BHADLA2-ACL-CKT2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV BIKANER-MOGA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV BIKANER-MOGA-2	OMSU	06-06-2024	19:14:00	06-06-2024	21:35:00	0.10	0.00	2.35	0.00	0.00		* Tripped during localized windstorm and thunderstorm accompanied with gusty wind and rain. Bikaner PG: R Phase to Ground Fault FAULT CURRENT: 5.565 Ka, LOCATION: 93.312km. Fault under Bikaner TL .
CKT	765kV BIKANER-MOGA-2	LEFT	03-06-2024	22:20:00	04-06-2024	00:53:00	0.11	2.55	0.00	0.00	0.00		* Tripped during heavy wind storm on R Phase to Ground Fault Bikaner-* FAULT CURRENT: 2.437 kA LOCATION: 245.635km (66.930%). Moga-* 45km/6.27. Fault under NR-2 Jurisdiction
CKT	765kV CHITTORGARH-AJMER-1	LVRD	26-06-2024	17:03:00	27-06-2024	09:37:00	0.69	0.00	0.00	0.00	16.57		* Line opened on voltage regulation. Ajmer-791KV
CKT	765kV CHITTORGARH-AJMER-1	SVRD	23-06-2024	23:48:00	24-06-2024	08:56:00	0.38	0.00	0.00	0.00	9.13		* Line opened on voltage regulation. Ajmer-790KV.
CKT	765kV CHITTORGARH-AJMER-1	LVRD	21-06-2024	18:06:00	22-06-2024	09:31:00	0.64	0.00	0.00	0.00	15.42		* Line opened on voltage regulation Ajmer 782 KV
CKT	765kV CHITTORGARH-AJMER-1	LVRD	25-06-2024	03:33:00	25-06-2024	09:26:00	0.25	0.00	0.00	0.00	5.88		* Line opened on voltage regulation. Ajmer-790 KV.
CKT	765kV CHITTORGARH-AJMER-1	LVRD	11-06-2024	19:19:00	12-06-2024	09:01:00	0.57	0.00	0.00	0.00	13.70		* Line opened on voltage regulation. Ajmer-793KV.
CKT	765kV CHITTORGARH-AJMER-1	LVRD	17-06-2024	18:26:00	18-06-2024	18:12:00	0.99	0.00	0.00	0.00	23.77		* Line opened on voltage regulation. Ajmer-795 KV.
CKT	765kV CHITTORGARH-AJMER-1	LVRD	28-06-2024	03:46:00	28-06-2024	10:34:00	0.28	0.00	0.00	0.00	6.80		* Line opened on voltage regulation. Ajmer-790KV.
CKT	765kV CHITTORGARH-AJMER-1	LVRD	09-06-2024	17:10:00	10-06-2024	08:51:00	0.65	0.00	0.00	0.00	15.68		* Line opened on voltage regulation. Ajmer-795KV.

Standard of Performance data for the month of Jun-2024

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

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
LNR	240MVAR,SWLR OF BHADLA-1 AT BIKANER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF BANSKANTA-2 AT CHITORGRH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF BANSKANTA-1 AT CHITORGRH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF AJMER-2 AT CHITTORGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF AJMER-1 AT CHITTORGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF BHADLA1-2 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF BHADLA1-1 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF BHIWANI-2 AT PHAGI	OSFT	13-06-2024	19:24:00	14-06-2024	05:02:00	0.40	9.63	0.00	0.00	0.00	98.66	* Forced shutdown to attend oil leakage observed in R-Ph HV bushing at Phagi Substation.
LNR	240MVAR,SWLR OF BHIWANI-1 AT PHAGI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF AGRA AT JHATIKARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,LR OF ALIGARH AT JHATIKARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF ZERDA AT KANKROLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF GR.NOIDA AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF AGRA-2 AT SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF AGRA-1 AT SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
STATCOM	Coupling Xmer 550MVA 400/34.5kV			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
STATCOM	Coupling Xmer 550MVA 400/34.5kV			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
STATCOM	Coupling Xmer ST-1 550MVA 400/34.5kV			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
STATCOM	Coupling Xmer ST-2 550MVA 400/34.5kV	OMST	24-06-2024	04:22:00	24-06-2024	14:42:00	0.43	10.33	0.00	0.00	0.00	98.56	* Transient fault VSC 1 and 2 Tripped on DC overvoltage
SVC	-300/+ 400MVAR SVC AT KANKROLI	OMST	08-06-2024	01:01:00	08-06-2024	02:29:00	0.06	1.47	0.00	0.00	0.00	99.65	* Tripped due to multiple thyristor failure protection in TSC1 branch due* to heavy current flow during grid disturbance
SVC	-300/+ 400MVAR SVC AT KANKROLI	OSFT	08-06-2024	18:01:00	08-06-2024	19:03:00	0.04	1.03	0.00	0.00	0.00	99.65	* Forced shutdown for taking TSC-1 into service.
SVC	400/33KV COUPLING XMER BAY TCR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	GGDC	17-06-2024	13:53:00	17-06-2024	15:46:00	0.08	0.00	0.00	1.88	0.00	99.11	* Tripped on Over Voltage due to Grid disturbance (Due to wind* storm in Orai zone).
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	OMST	23-06-2024	09:11:00	23-06-2024	11:04:00	0.08	1.88	0.00	0.00	0.00	99.11	* Tripped on T-Zone protection at Kurukshetra.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	OMST	27-06-2024	21:17:00	27-06-2024	21:54:00	0.03	0.62	0.00	0.00	0.00	99.11	* Pole blocked due to transient line fault (Control CLD HV Cable* Protection Operated) at KKR end. Bad weather heavy wind storm* <(>&<-> rain reported at both end.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	OSFT	09-06-2024	02:18:00	09-06-2024	03:30:00	0.05	1.20	0.00	0.00	0.00	99.11	* Forced shutdown to attend Sparking observed on Dropper Clamp* in Pole-1 LV yard at Kurukshetra end.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	OSPT	09-06-2024	18:05:00	09-06-2024	20:47:00	0.11	2.70	0.00	0.00	0.00	99.11	* S/D to attend hotspot at Kurukshetra end.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	OMST	27-06-2024	21:17:00	27-06-2024	21:55:00	0.03	0.63	0.00	0.00	0.00	99.11	* Pole blocked due to transient line fault (Control CLD HV Cable* Protection Operated) at KKR end. Bad weather heavy wind storm* <(>&<-> rain reported at both end.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	LART	20-06-2024	00:05:00	20-06-2024	00:05:00	0.00	0.00	0.00	0.00	0.00	99.11	* DC line fault restart sequence successfully.Distance from Kurukshetra- 498.86 km Tower No. - 2117 Distance from Champa- 788.60 km Tower No. 2118 Fault is under NR-3 jurisdiction.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	GGDC	17-06-2024	13:53:00	17-06-2024	15:51:00	0.08	0.00	0.00	1.97	0.00	99.11	* Tripped on Over Voltage due to Grid disturbance (Due to wind* storm in Orai zone).Blocked on DC line fault (DMR line-2).Distance* from Kurukshetra- 616.859 Km/Tower No. 1802. Distance from* Champa- 670km Tower No. 1802
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	OSFT	26-06-2024	05:25:00	26-06-2024	09:34:00	0.17	4.15	0.00	0.00	0.00	99.11	* Forced shutdown for attending hotspot at Pole-2 Converter Transformer area at Kurukshetra.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	OSPT	09-06-2024	14:13:00	09-06-2024	16:27:00	0.09	2.23	0.00	0.00	0.00	99.11	* S/D to attend hotspot at Kurukshetra end.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-3	OMST	14-06-2024	23:16:00	15-06-2024	00:15:00	0.04	0.98	0.00	0.00	0.00	99.11	* Pole-3 blocked/tripped due to DC Overcurrent protection operated at KKR end.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-3	OMST	01-06-2024	05:07:00	01-06-2024	06:07:00	0.04	1.00	0.00	0.00	0.00	99.11	* Tripped due to DC Overcurrent protection got latched at* Kurukshetra as a result of which POLE-3 got blocked.During* detailed analysis it is found that Pole-3 Lane-2 (Active Lane) is* giving false commutation fail output due to which the DC Over* cure
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-3	OMST	23-06-2024	09:11:00	23-06-2024	10:24:00	0.05	1.22	0.00	0.00	0.00	99.11	* Tripped on T-Zone protection at Kurukshetra.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-3	OSPT	09-06-2024	09:23:00	09-06-2024	13:18:00	0.16	3.92	0.00	0.00	0.00	99.11	* S/D to attend hotspot at Kurukshetra end.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-3	GGDC	17-06-2024	13:53:00	17-06-2024	14:45:00	0.04	0.00	0.00	0.87	0.00	99.11	* Tripped on Over Voltage due to Grid disturbance (Due to wind* storm in Orai zone).
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-3	OMST	01-06-2024	02:45:00	01-06-2024	04:36:00	0.08	1.85	0.00	0.00	0.00	99.11	* Tripped due to Commutation failure occurred due to which DC* Overcurrent protection got latched at Kurukshetra as a result of* which POLE-3 got blocked.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-3	OMST	27-06-2024	21:17:00	27-06-2024	22:31:00	0.05	1.23	0.00	0.00	0.00	99.11	* Pole blocked due to transient line fault (Control CLD HV Cable* Protection Operated) at KKR end. Bad weather heavy wind storm* <(>&<-> rain reported at both end.

Standard of Performance data for the month of Jun-2024

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

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 certifying	Detailed Reasons for Outage
XMER	1500MVA,765/400kV ICT-2 AT FATEHGARH-2	SCSD	17-06-2024	18:29:00	18-06-2024	05:28:00	0.46	0.00	0.00	0.00	0.00	100.00	* Shutdown for safety reason during construction work.
XMER	500MVA,400/220kV ICT-3 AT FATEHGARH-2			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 FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT FATEHGARH-2			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 FATEHGARH-2	SCSD	21-06-2024	18:08:00	22-06-2024	00:54:00	0.28	0.00	0.00	0.00	0.00	100.00	* SD to avoid induction for safety reason during construction work.
XMER	500MVA,400/220kV ICT-5 AT FATEHGARH-2	OSFT	28-06-2024	21:18:00	28-06-2024	22:19:00	0.04	1.02	0.00	0.00	0.00	99.86	* Force shutdown to attend Hotspot in 41589T R-Ph isolator .
XMER	1500MVA, 765/400kV ICT-5 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA, 400/220kV ICT-6 AT FATEHGARH-2			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 FATEHGARH-2	OSFT	30-06-2024	22:28:00	30-06-2024	23:59:59	0.06	1.53	0.00	0.00	0.00	99.79	* Forced shutdown to attend hotspot observed in the R-ph isolator of 89A isolator of 725 bay (main bay of 765/400kV ICT-6).
XMER	1500MVA, 765/400kV ICT-6 AT FATEHGARH-2	SCSD	27-06-2024	19:59:00	28-06-2024	05:02:00	0.38	0.00	0.00	0.00	0.00	100.00	* Shutdown for Jumpering and bay extension work for TBCB* package SS-01, SS-63 A1 <(>-<) B1.
XMER	1500MVA, 765/400kV ICT-6 AT FATEHGARH-2	SCSD	03-06-2024	20:47:00	04-06-2024	00:43:00	0.16	0.00	0.00	0.00	0.00	100.00	* S/D for erection works of tie bay 726 <(>-<) LBB protection testing* works.
XMER	1500MVA, 765/400kV ICT-6 AT FATEHGARH-2	SCSD	26-06-2024	19:04:00	27-06-2024	03:18:00	0.34	0.00	0.00	0.00	0.00	100.00	* Shutdown for Jumpering and bay extension work for TBCB* package SS-01, SS-63 A1 <(>-<) B1.
XMER	500MVA, 400/220kV ICT-7 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-8 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-9 AT FATEHGARH-2			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 GURGAON			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 GURGAON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT GURGAON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT GURGAON			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 HISAR			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 HISAR			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 HISAR	OSFT	23-06-2024	18:28:00	24-06-2024	00:44:00	0.26	6.27	0.00	0.00	0.00	99.13	* Forced shutdown to attend Hospot in 209-89A isolator of ICT 3 at Hisar ss.
XMER	500MVA,400/220kV ICT-1 AT JAIPUR SOUTH			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 JAIPUR SOUTH			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 JHATIKARA			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 JHATIKARA			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 JHATIKARA			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 JHATIKARA	OSFT	12-06-2024	18:58:00	12-06-2024	22:35:00	0.15	3.62	0.00	0.00	0.00	99.50	* Forced shutdown to attend hotspot- 273 degree observed on IV* side isolator (416-89T-B1) of 1500MVA ICT-4
XMER	500MVA,400/220kV ICT-1 AT JIND			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 JIND			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 KANKROLI			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 KANKROLI			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 KANKROLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	800MVA,765/400kV ICT-1 AT KOTESHWAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	800MVA,765/400kV ICT-2 AT KOTESHWAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	800MVA,765/400kV ICT-3 AT KOTESHWAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	800MVA,765/400kV ICT-3 AT KOTESHWAR			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 Jun-2024

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

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
XMER	800MVA,765/400kV ICT-4 AT KOTESHWAR			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 KOTA			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 KOTA	OSFT	15-06-2024	11:54:00	15-06-2024	17:09:00	0.22	5.25	0.00	0.00	0.00	99.27	* Forced shutdown to attend the current discrepancy issue in Tie bay 411 B-phase 89B isolator.
XMER	315MVA,400/220kV ICT-1 AT KOTPUTLI			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 KOTPUTLI			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 KURUKSHETRA			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 KURUKSHETRA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT KURUKSHETRA	OSPT	03-06-2024	12:23:00	05-06-2024	19:48:00	2.31	55.42	0.00	0.00	0.00	92.30	* Shutdown for attending water logging issue on top surface.S/D* till 05.06.2024
XMER	500MVA,400/220kV ICT-1 AT MANDOLA	OMST	11-06-2024	14:10:00	11-06-2024	15:06:00	0.04	0.93	0.00	0.00	0.00	99.87	* Tripped due to fire in 220 side bay elements of the 400/220KV ICT-3.
XMER	500MVA,400/220kV ICT-2 AT MANDOLA	OMST	11-06-2024	14:10:00	11-06-2024	14:57:00	0.03	0.78	0.00	0.00	0.00	99.89	* Tripped due to fire in 220 side bay elements of the 400/220KV ICT-3.
XMER	500MVA,400/220kV ICT-3 AT MANDOLA	OSFT	11-06-2024	14:10:00	11-06-2024	17:12:00	0.13	3.03	0.00	0.00	0.00	99.58	* Tripped due to fire in 220 side bay elements of the 400/220KV ICT-3.
XMER	500MVA,400/220kV ICT-4 AT MANDOLA	OMST	11-06-2024	14:10:00	11-06-2024	14:50:00	0.03	0.67	0.00	0.00	0.00	99.91	* Tripped due to fire in 220 side bay elements of the 400/220KV ICT-3.
XMER	500MVA,400/220kV ICT-1 AT MANESAR			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 MANESAR			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 MAHARANIBAGH			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 MAHARANIBAGH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT MAHARANIBAGH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT MAHARANIBAGH			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 MEERUT			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 MEERUT			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 MEERUT			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 MEERUT			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 MEERUT			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 MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT MEERUT			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 MUZAFFARNAGAR	OSFT	22-06-2024	07:20:00	22-06-2024	13:45:00	0.27	6.42	0.00	0.00	0.00	99.10	* Forced shutdown to attend hotspot at 220kV side 89T B-phase isolator.
XMER	315MVA,400/220kV ICT-3 AT MUZAFFARNAGAR	SBBU	17-06-2024	09:50:00	17-06-2024	13:28:00	0.15	0.00	3.63	0.00	0.00	99.10	* Tripped from 220 KV side only due to Bus Bar Protection Operated at 220 KV Bus-B at MUZAFFARNAGAR(UPPCL) sub station.
XMER	500MVA,400/220kV ICT-1 AT NEEMRANA			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 NEEMRANA			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 ROORKEE			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 ROORKEE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT ROORKEE			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 SAHARANPUR			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 SAHARANPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT SAHARANPUR			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 Jun-2024

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

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
XMER	315MVA,400/220kV ICT-1 AT SIKAR			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	
XMER	315MVA,400/220kV ICT-2 AT SIKAR			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	
XMER	500MVA,400/220kV ICT-3 AT SIKAR			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	
XMER	315MVA,400/220kV ICT-1 AT SONIPAT			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	
XMER	315MVA,400/220kV ICT-2 AT SONIPAT			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	
XMER	500MVA,400/220kV ICT-3 AT SONIPAT			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	
XMER	500MVA,400/220kV ICT-1 AT TUGHLAKABAD			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	
XMER	500MVA,400/220kV ICT-2 AT TUGHLAKABAD			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	
XMER	500MVA,400/220kV ICT-3 AT TUGHLAKABAD			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	
XMER	500MVA,400/220kV ICT-4 AT TUGHLAKABAD			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	