

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

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBU TABLE TO 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	50MVAR,BUS REACTOR-1 AT GAJUWAKA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	63MVAR,BUS REACTOR-1 AT GOOTY	SVRD	19-05-2023	11:12:00	20-05-2023	17:41:00	1.27	0.00	0.00	0.00	30.48		* H/T under voltage regulation vide SR-1778 Bus Voltages open: 400/400kV
BSR	125MVAR,BUS REACTOR-2 AT GOOTY	SVRD	19-05-2023	10:26:00	21-05-2023	23:53:00	2.56	0.00	0.00	0.00	61.45		* H/T under voltage regulation vide SR-1774 Bus voltages open: 403/403kV
BSR	125MVAR,BUS REACTOR-2 AT GOOTY	SVRD	23-05-2023	10:31:00	30-05-2023	02:24:00	6.66	0.00	0.00	0.00	159.88		* H/T under voltage regulation vide code SR-2272 (open:407/411kV).
BSR	50MVAR,SWLR OF KURNOOL AT GOOTY			00:00:00		00:00:00	9.22	0.00	0.00	0.00	221.33	100.00	
BSR	80MVAR,SWLR OF NPKUNTA-2 AT HINDUPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,SWLR OF NPKUNTA-1 AT HINDUPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	63MVAR,BUS REACTOR-1 AT HYDERABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT KADAPA GIS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-2 AT KADAPA GIS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR,BUS REACTOR-1 AT KADAPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT KADAPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR,BUS REACTOR-1 AT KHAMMAM			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT KHAMMAM			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-2 AT KURNOOL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-2 AT MAHESHWARAM			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	01-05-2023	00:00:01	01-05-2023	18:51:00	0.79	0.00	0.00	0.00	18.85		* H/T under voltage regulation vide SR-2088 Bus voltages open: 398/401kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	15-05-2023	08:12:00	18-05-2023	20:38:00	3.52	0.00	0.00	0.00	84.43		* H/T under voltage regulation vide code SR-1209 (open:397/399kV).
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	03-05-2023	07:05:00	05-05-2023	18:13:00	2.46	0.00	0.00	0.00	59.13		* H/T under voltage regulation vide SR-210 Bus Voltages open: 399/403kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	02-05-2023	09:37:18	02-05-2023	21:28:00	0.49	0.00	0.00	0.00	11.85		* H/T under voltage regulation vide SR-136.Voltage -393KV/396KV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	08-05-2023	08:29:00	08-05-2023	17:48:00	0.39	0.00	0.00	0.00	9.32		* H/T under voltage regulation vide SR-640 398/401kV
BSR	50MVAR,SWLR OF THIRUVALM-1 AT NELLORE			00:00:00		00:00:00	7.65	0.00	0.00	0.00	183.58	100.00	
BSR	50MVAR,SWLR OF THIRUVALM-2 AT NELLORE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT NELLORE PS	SVRD	01-05-2023	00:00:01	31-05-2023	23:59:59	31.00	0.00	0.00	0.00	744.00		* H/T under voltage regulation vide SR-3021,NL-4125. Bus Voltages:738/753kV
BSR	240MVAR,BUS REACTOR-2 AT NELLORE PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT NPKUNTA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR,BUS REACTOR-1 AT NAGARJUNSAGAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT NAGARJUNSAGAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR AT NIZAMABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT RAICHUR	SVRD	29-05-2023	14:55:00	29-05-2023	18:47:00	0.16	0.00	0.00	0.00	3.87		* H/T under voltage regulation vide code SR-2947,NL-3081 (open:760/769kV). Taken into service vide SR-2993, NL-3112. (close:791/786kV)
BSR	240MVAR,BUS REACTOR-2 AT RAICHUR			00:00:00		00:00:00	0.16	0.00	0.00	0.00	3.87	100.00	
BSR	330MVAR,BUS REACTOR AT SRIKAKULAM	SVRD	29-05-2023	14:46:00	29-05-2023	16:47:00	0.08	0.00	0.00	0.00	2.02		* H/T under voltage regulation vide SR-2942, NL-3066. Bus voltage(open): 748/766kV. Taken into service vide code SR-2966/NL-3092 (close: 801/792kV).
							0.08	0.00	0.00	0.00	2.02	100.00	

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Object Type	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
BSR	240MVAR,SWLR OF VEMAGIRI-2 AT SRIKAKULAM			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,SWLR OF VEMAGIRI-1 AT SRIKAKULAM			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-1 AT VIJAYAWADA			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-3 AT VIJAYAWADA			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-4 AT VIJAYAWADA			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 AT VEMAGIRI			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 VEMAGIRI			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 VEMAGIRI	SVRD	29-05-2023	14:49:00	29-05-2023	16:33:00	0.07	0.00	0.00	0.00	1.73		* H/T under voltage regulation vide SR-2943, NL-3067. Bus voltage(open): 748/759kV. Taken into service vide code SR-2965/NL-3091 (close=800/791kV)
BSR	240MVAR,BUS REACTOR-1 AT VEMAGIRI	SVRD	18-05-2023	21:47:00	19-05-2023	20:37:00	0.95	0.00	0.00	0.00	22.83		* H/T under voltage regulation vide SR-1720, NL-1852 Open: 745/759kV
							1.02	0.00	0.00	0.00	24.56	100.00	
BSR	125MVAR,POLE-2 EAST BUS REACTOR AT VIZAG	SVRD	01-05-2023	00:00:01	31-05-2023	23:59:59	31.00	0.00	0.00	0.00	744.00		* H/T on instruction from SRLDC under Voltage regulation
							31.00	0.00	0.00	0.00	744.00	100.00	
BSR	50MVAR,SWLR OF JEYPORE-1 AT VIZAG HVDC			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 GAJUWAKA-VEMAGIRI			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 GAZWEL(TSTRANSCO)-HYDERABAD-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 GOOTY-NELLORE PS-1	LART	30-05-2023	13:05:00	30-05-2023	13:05:00	0.00	0.00	0.00	0.00	0.00		* A/Reclosed successfully on Y-N fault. Fault Details @ NPS end M1-2.1kA/87.39KM/72degree, M2-4.3kA/88KM. @ Gooty end: M1-2.08kA/196.6=KM/49degree, M2-195.1KM/2.131kA. Double end details NPS- FD:89.8KM FC:4.8KA; GTY- FD:199.18KM FC:2.2KA.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV GOOTY-NELLORE PS-2	LART	09-05-2023	17:55:00	09-05-2023	17:55:00	0.00	0.00	0.00	0.00	0.00		* AR Successful on both ends on R-N Fault Fault Details: Gty End: M1: FC:24.678, FD:0.757(AFAS) M2: FC: 24.992kA, FD: 0.721KM(AFAS) NPS: M1: FC:1.103kA, FD:289KM M2: FC:1.134kA, FD: 289KM
							0.00	0.00	0.00	0.00	0.00		* Line A/R optd successfully at both ends on B-G fault. Fault Details: GTY end: M1-121.65km/3.146kA, M2-122.2km/3.139kA; NPS end: M1: 159.8km/2.52kA, M2: 158.7km/2.51kA
CKT	400kV GOOTY-NELLORE PS-2	LEFT	27-05-2023	15:51:00	28-05-2023	09:39:00	0.74	17.80	0.00	0.00	0.00		* Line tripped on R-N Fault,A/R attempted and tripped due to persistent of fault* Fault details:GTY end:M1,FD-57.86KM,FC-5.586KA,M2:FD-57.82KM,FC-5.7KA NPS end:M1,FD-230.0KM,FC-1.8KA,M2:FD-221.2KM,FC-1.78KA
CKT	400kV GOOTY-NELLORE PS-2	LART	25-05-2023	00:08:00	25-05-2023	00:08:00	0.00	0.00	0.00	0.00	0.00		* Auto reclose operated successfully on RN fault Gooty end : M1 FC 5.547KA FD 65.578KM ; M2 FC 5.581KA FD 63.856KM, NPS end : M1 FC 2.633KA FD 219.671KM M2 FC 2.624KA FD 219.671KM DOUBLE END : GTY FC 5.581KA FD 64.193KM NPS END: FC 2.633KA FD 224.806KM
							0.74	17.80	0.00	0.00	0.00	97.61	
CKT	400kV GOOTY-NEELAMANGALA(KPTCL)	LART	31-05-2023	16:25:00	31-05-2023	16:25:00	0.00	0.00	0.00	0.00	0.00		* Line A/R optd successfully at both ends on R-N fault. Fault Details: GTY end: M1:77.57km/4.14kA, M2: 82.55km/4.4kA; NLM end: M1:175km/1.8kA, M2: 173km/1.77kA
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV GOOTY-PAVAGADA-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 GOOTY-PAVAGADA-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 MAHESHWARAM-HYDERABAD			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 HYDERABAD-NAGARJUNASAGAR			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 JEYPORE-GAJUWAKA-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 JEYPORE-GAJUWAKA-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 KADAPA-CHITTOOR(APTRANSCO)			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 KADAPA-NP KUNTA-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-KADAPA GIS-NP-KUNTA-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-KADAPA GIS-NP-KUNTA-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 KHAMMAM-NAGARJUNASAGAR-1	LMAC	28-05-2023	07:01:00	28-05-2023	08:05:00	0.04	0.00	0.00	1.07	0.00		* Line tripped on R-N Fault,A/R attempted and tripped due to persistent of fault details:AFAS(Double end):KHM end:FD-39.0KM,FC-6.0KA NSR end:AFAS(Double end):NSR end:FD-106.0KM,FC-2.5KA
							0.04	0.00	0.00	1.07	0.00	100.00	
CKT	400kV KHAMMAM-VIJAYWADA	LART	30-05-2023	08:46:00	30-05-2023	08:46:00	0.00	0.00	0.00	0.00	0.00		* AR successfully operated on Y-N Fault. Fault Details: (AFAS) VJA: M1: FD: 42.58KM, FC: 8.33kA,84.24degree M2: FD: 41.45KM, FC: 8.49kA, 80.71degree; Khammam: M2: FD: 66.12kM, FC: 6.55kA, 84.57degree. Double end: VJA:43.83KM, KHM-76.19KM
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KURNOOL-GOOTY			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 NPKUNTA-HINDUPUR(APTRANSCO)-1	LVRD	06-05-2023	18:33:06	13-05-2023	08:18:00	6.57	0.00	0.00	0.00	157.75		* Line kept O/s under voltage regulation vide SR-571 after completion of AMP works.
CKT	400kV NPKUNTA-HINDUPUR(APTRANSCO)-1	OSPT	06-05-2023	09:06:00	06-05-2023	18:33:00	0.39	9.45	0.00	0.00	0.00		* H/T for SS/TL works vide code SR-506.
							6.96	9.45	0.00	0.00	157.75	98.73	
CKT	400kV NPKUNTA-HINDUPUR(APTRANSCO)-2	OSPT	05-05-2023	11:27:00	05-05-2023	20:26:00	0.37	8.98	0.00	0.00	0.00		* H/T for TLM/SS works vide code SR-435.
CKT	400kV NPKUNTA-HINDUPUR(APTRANSCO)-2	LVRD	05-05-2023	20:27:00	06-05-2023	08:47:00	0.51	0.00	0.00	0.00	12.33		* Line kept under LVRD after completion of AMP Works vide SR-483

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Object Type	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 certifiyin	Detailed Reasons for Outage
							0.88	8.98	0.00	0.00	12.33	98.79	
CKT	400kV NANNOOR(APTRANSCO)-GOOTY			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NANNOOR(APTRANSCO)-KURNOOL-1	OSPT	09-05-2023	10:22:00	09-05-2023	23:24:00	0.54	13.03	0.00	0.00	0.00	100.00	* H/T for AMP works vide SR-752* 10.05.2023 05:14:55 INDIA Chintha Amamath (60003450)* Taken into service vide SR-811.
CKT	400kV NANNOOR(APTRANSCO)-KURNOOL-2	OSPT	26-05-2023	10:04:00	26-05-2023	20:01:00	0.42	9.95	0.00	0.00	0.00	100.00	
CKT	400kV NANNOOR(APTRANSCO)-MAHESHWARAM	LART	06-05-2023	16:27:43	06-05-2023	16:27:43	0.00	0.00	0.00	0.00	0.00	100.00	* Line kept O/s under voltage regulation vide SR-571 after completion of AMP works* 06.05.2023 19:57:24 INDIA Kopanathi Abisikta (60003568)* Line A/R optd successfully at both ends on B-G fault. Fault Details: MHW end: M1: 88.33km/4.091KA/81deg; M2: 4.16kA; KNL(AP) end: M1: 104.3km/3.43kA, M2: 103.2km/3.32kA
CKT	400kV MAHABOONNAGAR(TSTRANSCO)-RAICHUR	OSPT	31-05-2023	10:22:00	31-05-2023	19:57:00	0.40	9.58	0.00	0.00	0.00	100.00	* H/T for LA replacement in Yph at Mahaboob nagar SS vide SR-3191.
CKT	400kV MEENAKSHI(MEPL)-NELLORE PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MALKARAM(TSTRANSCO)-HYDERABAD	OSPT	09-05-2023	08:44:00	09-05-2023	21:18:00	0.52	12.57	0.00	0.00	0.00	100.00	* H/T for AMP works vide SR-728
CKT	400kV NELLORE-SRIPERUMBUDUR-1	LART	06-05-2023	15:29:42	06-05-2023	15:29:42	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R optd successfully at both ends on B-G fault. Fault Details: NLR end: M1: 21.55km/11.072kA, M2: 21.51km/11.35kA, Ang: 79deg; SPDR end: M1/M2: 189.9km/2.1kA, Ang: 80deg
CKT	400kV NELLORE-SRIPERUMBUDUR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NELLORE-TIRUVALAM-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NELLORE-TIRUVALAM-2	LEFT	27-05-2023	15:25:00	27-05-2023	16:04:00	0.03	0.65	0.00	0.00	0.00	100.00	* Line tripped on B-N fault,A/R kept in Non-auto mode as per SRLDC instructions* Fault details:NLR end:M1,FD-87.0KM,FC-4.10KA,M2:FD-86.61KM,FC-4.151KA TVLM End:M1,FD-78.5KM,FC-4.40KA,M2:FD-78.82KM,FC-4.30KA
CKT	400kV NELLORE-TIRUVALAM-2	OSPD	06-05-2023	19:18:22	06-05-2023	20:05:00	0.03	0.00	0.00	0.00	0.78	100.00	* H/T For taking Nellore-NPS-2 into service Vide SR:573. Taken into service Vide SR:575
CKT	400kV NELLORE-TIRUVALAM-2	OSPD	06-05-2023	11:56:00	06-05-2023	12:29:00	0.02	0.00	0.00	0.00	0.55	100.00	
CKT	400kV NELLORE PS-NCC(SEIL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NELLORE PS-NCC(SEIL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NELLORE PS-NELLORE-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NELLORE PS-NELLORE-2	OSPD	06-05-2023	11:56:00	06-05-2023	20:05:00	0.34	0.00	0.00	0.00	8.15	100.00	* H/T under emergency basis for removal of 404 R<->&->Y-Ph CVTs at Nellore SS (M/s. SEPL bay) due to voltage drift issue.
CKT	400kV NELLORE PS-TPCIL-1	LART	30-05-2023	20:48:00	30-05-2023	20:48:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R operated successfully on R-N fault* AFAS M1 FD:2.248KM FC:22.85KA M2 FD:2.29KM FC:22.55KA.
CKT	400kV NELLORE PS-TPCIL-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NAGARJUNASAGAR-KADAPA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NAGARJUNASAGAR-KADAPA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NAGARJUNASAGAR-KURNOOL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV N'SAGAR-MAHABOONNAGAR(TSTRANSCO)	LVRD	01-05-2023	00:00:01	05-05-2023	08:51:00	4.37	0.00	0.00	0.00	104.85	100.00	* H/T under voltage regulation vide SR-3566 (Open, NSR end:419/418kV).
CKT	400kV NIZAMABAD-DICHPALLE(TSTRANSCO)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NIZAMABAD-DICHPALLE(TSTRANSCO)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RTPS(KPTCL)-MUNIRABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAMAGUNDAM(NTPC)-CHANDRAPR(MSEB)-1	LCSD	24-05-2023	15:03:00	24-05-2023	16:58:00	0.08	0.00	0.00	0.00	1.92	100.00	* Line Tripped on Y-N fault amp; AR kept in NA mode for UPCL stringing works* Fault details* Badravathi: TWFL: 88.68KM , M1: FD: 71.86km FC: 1.9kA, M2: FD: 71.96km, FC: 1.9kA* Ramagundam: M1: FD: 88.5km, FC: NA, M2: FD: 98.01km, FC: 4.25kA* Closing Code: SR-2465, NL-2493, WR-2604
CKT	400kV RAMAGUNDAM(NTPC)-CHANDRAPR(MSEB)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAMAGUNDAM(NTPC)-GAZWEL(TSTRANSCO)	LART	22-05-2023	04:49:00	22-05-2023	04:49:00	0.00	0.00	0.00	0.00	0.00	100.00	* Auto Reclosed at both ends on B-N fault. Fault details: GJWL end-M1-FC:1.07KA;FD:Notrecorded.M2-FC:3.576KA;FD:100.1KM RDM end-M1-FC:= 10.66KA,FD:28.27KM,M2-FC:9.862KA,FD:26.38KM. As per relay indication fault location comes under RDM TLM jurisdiction.
CKT	400kV RAMAGUNDAM(NTPC)-HYDERABAD-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAMAGUNDAM(NTPC)-HYDERABAD-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAMAGUNDAM NTPC-MALKARAM TSTRANSCO			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 May-2023
Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., SOUTHERN REGION-1

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBU TABLE TO 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 RAMAGUNDAM(NTPC)-NAGARJUNASAGAR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAMAGUNDAM(NTPC)-NAGARJUNASAGAR-2	LART	14-05-2023	12:22:00	14-05-2023	12:22:00	0.00	0.00	0.00	0.00	0.00	100.00	* Auto Reclosed successfully on Y-N fault. NSR End: (AFAS) M-1: 8.085kA/30.280kM/59.648 Deg, M2:8.177kA/30.989kM/57.541 Deg. RMD End: M1:267.76KM/2.006kA, M2:267kM/1.5kA.
CKT	400kV RAMAGUNDAM(NTPC)-NAGARJUNASAGAR-2	LVRD	01-05-2023	00:00:01	31-05-2023	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* H/T under voltage regulation vide SR-2636
CKT	400kV RAMAGUNDAM(NTPC)-NAGARJUNASAGAR-2	LVRD	01-05-2023	00:00:01	31-05-2023	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* H/T Under voltage regulation vide SR 3002.Voltages 422KV/421KV
CKT	400kV RAMAGUNDAM(NTPC)-WARANGAL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAICHUR- GOOTY-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAICHUR- GOOTY-2	LVRD	01-05-2023	00:00:01	04-05-2023	09:08:00	3.38	0.00	0.00	0.00	81.13	100.00	* Line kept under LVRD vide SR-3523* Bus Voltage:GTY-431KV.RCN-427KV
CKT	400kV RAICHUR- RTPS(KPTCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAICHUR- RTPS(KPTCL)-2	SPLU	03-05-2023	08:10:00	03-05-2023	11:42:00	0.15	0.00	3.53	0.00	0.00	100.00	* Line Tripped on receipt of DT from RTPS End Closing Code: SR-246
CKT	400kV SIMHAPURI(SEPL)-NELLORE PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SIMHADRI(NTPC)-GAJUWAKA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SIMHADRI(NTPC)-GAJUWAKA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SIMHADRI(NTPC)-VEMAGIRI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SIMHADRI(NTPC)-VEMAGIRI-2	LHWT	25-05-2023	17:35:00	26-05-2023	15:29:00	0.91	21.90	0.00	0.00	0.00	97.06	* AR attempted on R-N Fault but tripped due to persistent fault Fault Details: VMG: M1: FD: 89kM, FC: 5.37kA M2: FD: 78.2kM, FC: 5.45kA Simhadri: M1: FD: 42.4kM, FC: 4.27kA M2: FD: 79.2kM, FC: 4.478kA Fault Angle: 78degree
CKT	400kV VIJAYAWADA-NELLORE-1	OSPT	23-05-2023	08:24:00	23-05-2023	19:17:00	0.45	10.88	0.00	0.00	0.00	100.00	* H/T for Rectification of defects in line vide SR-2244
CKT	400kV VIJAYAWADA-NELLORE-1	OSPT	22-05-2023	09:12:00	22-05-2023	19:29:00	0.43	10.28	0.00	0.00	0.00	97.16	* H/T for rectification of defects in line vide SR-2090.
CKT	400kV VIJAYAWADA-NELLORE-2	LVRD	25-05-2023	09:11:00	25-05-2023	23:29:00	0.60	0.00	0.00	0.00	14.30	100.00	* H/T for AMP works Vide SR:2520.* 26.05.2023 03:57:44 INDIA Chintha Amamath (60003450)* Line kept O/S under LVRD vide code SR-2612* 01.06.2023 11:21:47 INDIA Kopanathi Abisikta (60003568)* LVRD Vide SR:2520
CKT	400kV VIJAYAWADA-NELLORE-2	LVRD	24-05-2023	19:26:00	25-05-2023	09:11:00	0.57	0.00	0.00	0.00	13.75	100.00	* Line Kept under LVRD Vide SR-2495
CKT	400kV VIJAYAWADA-NELLORE-2	LVRD	25-05-2023	23:29:00	31-05-2023	23:59:59	6.02	0.00	0.00	0.00	144.52	100.00	* Line kept O/S under LVRD vide code SR-2612.
CKT	400kV VIJAYAWADA-NELLORE-2	OSPT	24-05-2023	08:27:00	24-05-2023	19:21:00	0.45	10.90	0.00	0.00	0.00	98.53	* H/T for rectification of line defects vide SR-2389
CKT	400kV VIJAYAWADA-NELLORE(APTRANSCO)	LART	05-05-2023	12:12:00	05-05-2023	12:12:00	0.00	0.00	0.00	0.00	0.00	100.00	* Auto-reclosed successfully at both ends on R-N fault. Fault Details (AFAS) @ VJA end: M1-4.32kA/78.83KM/61.86 Deg, M2-4.54kA/80.452KM, @ NLR(AP) end:M1-1.4kA/257.7KM, M2-1.324kA/266.4KM
CKT	400kV VIJAYAWADA-NELLORE(APTRANSCO)	LART	30-05-2023	10:27:00	30-05-2023	10:27:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/Reclosed successfully on R-N fault. Fault Details @ VJA end M1-4.75kA/60.3kM, M2-4.727/87.98kM. @ Nellore(AP) end: 4.727kA/261kM.
CKT	400kV VIJAYAWADA-VEMAGIRI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV VIJAYAWADA-VEMAGIRI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV VIJAYAWADA-VEMAGIRI-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV VEMAGIRI-VEMAGIRI(APTRANSCO)-1	LEFT	03-05-2023	21:07:00	03-05-2023	21:48:00	0.03	0.68	0.00	0.00	0.00	99.91	* Line tripped on Y-G fault. Line autoreclosed successfully at Vemagiri(AP) end and tripped at Vemagiri(PG) end. Fault Details at Vema= giri(PG) end: Y-G fault. M1: 11.9km/18.1kA Taken into service Vide SR:291
CKT	400kV VEMAGIRI-VEMAGIRI(APTRANSCO)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV VTPS(APGENCO)-NELLORE(APTRANSCO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV WARANGAL-KHAMMAM			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV ANGUL-SRIKAKULAM-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV ANGUL-SRIKAKULAM-2	LPPT	21-05-2023	14:46:00	21-05-2023	16:06:00	0.06	1.33	0.00	0.00	0.00	99.82	* Line Tripped on Y-B Fault and 3Ph trip operated. Fault Details: SKLM End: M1: FD: 81.46kM, FC: 5.661/6.456kA (Y/B Ph), M2: FD: 82kM, FC:5.652/6.458kA (Y/B Ph), Angul End: M1: FD: 181.1kM, FC: 5.4kA,M2: FD: 185kM, FC: 5.2kA.* Feeder Charged vide code SR-2012/NL-2137*
CKT	765kV KADAPA-TIRUVALEM-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV KADAPA-TIRUVALEM-2	LVRD	08-05-2023	02:29:00	15-05-2023	11:20:00	7.37	0.00	0.00	0.00	176.85	100.00	* H/T under voltage regulation vide SR-624, NL-576 Bus Voltage - 809kV/800kV
CKT	765kV KURNOOL-KADAPA-1	LVRD	06-05-2023	01:18:00	08-05-2023	10:22:00	2.38	0.00	0.00	0.00	57.07	100.00	* H/T Under voltage regulation vide SR-490, NL-420 Bus Voltage open: KDP: 808/803kV, KNL: 791/784kV
CKT	765kV KURNOOL-KADAPA-2	LVRD	01-05-2023	00:00:01	02-05-2023	15:58:00	1.67	0.00	0.00	0.00	39.97	100.00	* Line kept under LVRD vide SR-2058,NL-1759* Bus voltage:KDP-817KV,KLN-793KV
CKT	765kV RAICHUR-KURNOOL-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV RAICHUR-KURNOOL-2	LART	24-05-2023	21:37:00	24-05-2023	21:37:00	0.00	0.00	0.00	0.00	0.00	100.00	* Auto Reclosed Successfully on R-N fault. Fault details: (AFAS) @ KNL end: 6.931kA/88.124 Deg/64.129 KM. @ RCN end: 7.327kA/83.25 Deg/56.371 KM.
							0.00	0.00	0.00	0.00	0.00	100.00	

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

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBU TABLE TO ISTS Licensee	OUTAGE ATTRIBU TABLE To Others	OUTAGE ATTRIBU TABLE To System Constraint	OUTAGE ATTRIBU TABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT NELLORE 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	
XMER	500MVA,400/220kV ICT-1 AT NPKUNTA			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 NPKUNTA			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 NPKUNTA			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 NPKUNTA			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 NAGARJUNASAGAR	SBBU	30-05-2023	09:18:00	30-05-2023	14:06:00	0.20	0.00	4.80	0.00	0.00		* ICT tripped due to down stream fault (Back-up IMP relay operated).At Transco end, both 220kV Bus-1<-&->2 got tripped.
							0.20	0.00	4.80	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT NAGARJUNASAGAR	SBBU	30-05-2023	09:18:00	30-05-2023	14:56:00	0.24	0.00	5.63	0.00	0.00		* ICT tripped due to down stream fault (Back-up IMP relay operated).At Transco end both 220kV Bus-1<-&->2 tripped.
							0.24	0.00	5.63	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-3 AT NAGARJUNASAGAR	OSPD	16-05-2023	13:19:00	16-05-2023	22:48:00	0.40	0.00	0.00	0.00	9.48		* Emergency S/D availed by M/s APTRANSCO to attend oil leak in Y-Ph CT vide SR-1368* 17.05.2023 01:06:07 INDIA Chintha Amarnath (60003450)* Taken into service vide code SR-1427.
XMER	315MVA,400/220kV ICT-3 AT NAGARJUNASAGAR	SBBU	30-05-2023	09:18:00	30-05-2023	14:01:00	0.20	0.00	4.72	0.00	0.00		* ICT tripped due to down stream fault (Back-up IMP relay operated).At Transco end, both 220kV Bus-1<-&->2 got tripped.
							0.60	0.00	4.72	0.00	9.48	100.00	
XMER	1500MVA,765/400kV ICT-1 AT NIZAMABAD			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	1500MVA,765/400kV ICT-2 AT NIZAMABAD			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	1500MVA,765/400kV ICT-1 AT RAICHUR			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	1500MVA,765/400kV ICT-2 AT RAICHUR			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	1500MVA,765/400kV ICT-1 AT SRIKAKULAM			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	1500MVA,765/400kV ICT-2 AT SRIKAKULAM			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 VIJAYAWADA	SICT	09-05-2023	06:35:00	09-05-2023	10:27:00	0.16	3.87	0.00	0.00	0.00		* Differential relay triggered. 400kV Side Current(R/Y/B):167/162/164 220kV Side Current(R/Y/B):456/1340/898 Diff Current(R/Y/B):0.89=5/1.759/0.865 Closing code: SR-751* 14.05.2023 22:28:36 INDIA M Narasimha Chary (60031135)* Differential protection operated due to monkey menace
XMER	315MVA,400/220kV ICT-1 AT VIJAYAWADA	SPRD	16-05-2023	22:50:00	16-05-2023	23:25:00	0.02	0.00	0.00	0.00	0.58		* H/T under physical regulation vide code SR-1426 (open:137 MW).* Taken into service vide SR-1430 (close-132MW)
							0.18	3.87	0.00	0.00	0.58	99.48	
XMER	315MVA,400/220kV ICT-2 AT VIJAYAWADA			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 VIJAYAWADA			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	1500MVA,765/400kV ICT-1 AT VEMAGIRI			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	1500MVA,765/400kV ICT-2 AT VEMAGIRI	OSPT	20-05-2023	06:09:00	20-05-2023	22:58:00	0.70	16.82	0.00	0.00	0.00		* H/T for AMP Works Vide SR:1868,NL:1980
XMER	1500MVA,765/400kV ICT-2 AT VEMAGIRI	SICT	28-05-2023	16:07:00	29-05-2023	04:51:00	0.53	12.73	0.00	0.00	0.00		* ICT-2 tripped(Diff relay triggered). Fault Details: Y-HV-MT: 1665/822A, Y-IV-MT:1612/1418 A.
							1.23	29.55	0.00	0.00	0.00	96.03	
XMER	315MVA,400/220kV ICT-1 AT WARANGAL			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 WARANGAL			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 WARANGAL			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	