

Standard of Performance data for the month of August-2022

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., SOUTHERN 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	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	17/08/22	10:00:00	17/08/22	22:12:00	0.51	0.00	0.00	0.00	0.00	12.20	* H/T under voltage regulation vide SR-1570 404/403kV
BSR	63MVAR,BUS REACTOR-1 AT GOOTY	SVRD	18/08/22	08:44:00	18/08/22	20:56:00	0.51	0.00	0.00	0.00	0.00	12.20	* H/T under voltage regulation vide SR1701 Voltage GTY-401KV/401KV
BSR	125MVAR,BUS REACTOR-2 AT GOOTY			00:00:00		00:00:00	1.02	0.00	0.00	0.00	0.00	24.40	
BSR	50MVAR,SWLR OF KURNOOL AT GOOTY			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	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	SVRD	25/08/22	09:52:00	26/08/22	17:14:00	1.31	0.00	0.00	0.00	0.00	31.37	* H/T under voltage regulation vide SR-2575,NL-1349* BUS VOLTAGE:OPEN-748/758kV
BSR	240MVAR,BUS REACTOR-2 AT KURNOOL	SVRD	17/08/22	09:36:00	17/08/22	18:48:00	0.38	0.00	0.00	0.00	0.00	9.20	* H/T under voltage regulation vide SR-1556, NL-863 747/754kV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	20/08/22	06:58:00	20/08/22	22:04:00	0.63	0.00	0.00	0.00	0.00	15.10	* H/T under voltage regulation vide SR-1921,NL-1043* Bus Voltage open: 730/748kV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	26/08/22	07:15:00	26/08/22	16:57:00	0.40	0.00	0.00	0.00	0.00	9.70	* H/T under voltage regulation vide SR-2706, NL-1420 Bus voltage Open: 735/746kV* 26.08.2022 17:07:33 INDIA Chinchin Amarnath (60003450)* Close-780/771KV Closing code:SR-2795,NL-1461
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	31/08/22	07:12:00	31/08/22	17:42:00	0.44	0.00	0.00	0.00	0.00	10.50	* H/T under voltage regulation vide SR-3223, NL-1802 MHW: 754KV/766KV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	12/08/22	06:41:00	12/08/22	17:37:00	0.46	0.00	0.00	0.00	0.00	10.93	* H/T under voltage regulation vide SR-1026, NL-602. Bus voltage open: 717/727kV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	27/08/22	06:56:00	27/08/22	17:24:00	0.44	0.00	0.00	0.00	0.00	10.47	* H/T under voltage regulation vide SR-2861,NL-1502. Bus Voltages(Open):743/754kV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	24/08/22	07:21:00	24/08/22	16:54:00	0.40	0.00	0.00	0.00	0.00	9.55	* H/T under voltage regulation vide SR-2391, NL-1269 Voltage: 744KV/762KV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	02/08/22	12:23:00	02/08/22	17:18:00	0.21	0.00	0.00	0.00	0.00	4.92	* H/T Under voltage regulation vide SR-126, NL-83 Bus Voltage(Open): 733/745kV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	05/08/22	11:14:00	05/08/22	20:30:00	0.39	0.00	0.00	0.00	0.00	9.27	* H/T for Voltage regulation vide SR-388/NL-247. Bus Voltages(Open): 743/755kV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	13/08/22	07:00:00	13/08/22	18:14:00	0.47	0.00	0.00	0.00	0.00	11.23	* Bus Reactor H/T for voltage regulation vide SR-1174/NL-664. Bus Voltages: Open:718/726 kV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	28/08/22	06:15:00	28/08/22	19:41:00	0.56	0.00	0.00	0.00	0.00	13.43	* H/T under voltage regulation vide SR-2978, NL-1592 Bus Voltage Open: 747/755kV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	22/08/22	11:56:09	22/08/22	18:08:00	0.26	0.00	0.00	0.00	0.00	6.20	* H/T under voltage regulation Vide SR:2070,NL:1121 Voltage Open:746KV/757KV
BSR	240MVAR,BUS REACTOR-2 AT MAHESHWARAM	SVRD	27/08/22	06:28:00	27/08/22	18:44:00	0.51	0.00	0.00	0.00	0.00	12.27	* H/T under voltage regulation vide SR-2857, NL-1498
BSR	240MVAR,BUS REACTOR-2 AT MAHESHWARAM	SVRD	11/08/22	07:30:00	11/08/22	21:18:00	0.58	0.00	0.00	0.00	0.00	13.80	* H/T under Voltage regulation vide SR-902,NL-535* Bus Voltage:Open-743/757KV
BSR	240MVAR,BUS REACTOR-2 AT MAHESHWARAM	SVRD	13/08/22	07:04:00	13/08/22	18:21:00	0.47	0.00	0.00	0.00	0.00	11.28	* Bus Reactor H/T for Voltage regulation vide SR-1175/NL-665. Bus Voltages : 726/736kV
BSR	240MVAR,BUS REACTOR-2 AT MAHESHWARAM	SVRD	23/08/22	07:24:00	23/08/22	18:13:00	0.45	0.00	0.00	0.00	0.00	10.82	* H/T under voltage regulation vide SR-2226, NL-1200 Bus Voltage-Open: 739/750kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	13/08/22	08:29:00	13/08/22	21:40:00	2.01	0.00	0.00	0.00	0.00	48.17	
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	11/08/22	10:19:00	13/08/22	00:47:00	1.60	0.00	0.00	0.00	0.00	13.18	* Bus Reactor H/T for Voltage regulation Vide SR-1191. Bus Voltages:Open:400/402 kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	06/08/22	11:41:00	06/08/22	21:00:00	0.39	0.00	0.00	0.00	0.00	38.47	* H/T under Voltage regulation vide SR-938* Bus Voltage:Open-394/398KV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	06/08/22	11:41:00	06/08/22	21:00:00	0.39	0.00	0.00	0.00	0.00	9.32	* H/T on Voltage regulation vide SR-478 RT08/71 Bus Voltage 389KV/393KV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	18/08/22	09:53:00	18/08/22	23:54:00	0.58	0.00	0.00	0.00	0.00	14.02	* H/T under voltage regulation vide SR1726 voltage 390KV/393KV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	17/08/22	08:32:00	17/08/22	20:45:00	0.51	0.00	0.00	0.00	0.00	12.22	* H/T Under Voltage regulation Vide SR-1534 Bus Voltage Open:398/398kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	24/08/22	08:25:00	27/08/22	00:31:00	2.67	0.00	0.00	0.00	0.00	64.10	* H/T under voltage regulation vide SR-2397 MBD: 397KV/399KV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	15/08/22	09:47:00	15/08/22	22:50:00	0.54	0.00	0.00	0.00	0.00	13.05	* H/T under voltage regulation vide SR-1349. Bus Voltage: 389KV/394KV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	09/08/22	10:14:00	11/08/22	01:24:00	1.63	0.00	0.00	0.00	0.00	39.17	* H/T Under voltage regulation vide SR-705
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	19/08/22	09:45:00	19/08/22	18:15:00	0.35	0.00	0.00	0.00	0.00	8.50	* H/T under Voltage regulation vide SR-1853 Bus Voltage:Open-391/393KV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	20/08/22	09:25:00	22/08/22	21:37:00	2.51	0.00	0.00	0.00	0.00	60.20	* H/T under voltage regulation vide SR-1941* Bus Voltage:Open-389/395KV
BSR	50MVAR,SWLR OF THIRUVALM-1 AT NELLORE			00:00:00		00:00:00	11.33	0.00	0.00	0.00	0.00	272.23	
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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	

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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	SVRD	27/08/22	07:00:00	27/08/22	17:53:00	0.45	0.00	0.00	0.00	10.88		* H/T under voltage regulation vide SR-2862,NL-1500. Bus Voltages:744/758kV
BSR	240MVAR,BUS REACTOR AT NIZAMABAD	SVRD	12/08/22	06:47:00	12/08/22	17:01:00	0.43	0.00	0.00	0.00	10.23		* H/T Under voltage regulation vide SR-1027, NL-603 Bus Voltage open: 728/741kV
BSR	240MVAR,BUS REACTOR AT NIZAMABAD	SVRD	11/08/22	07:31:00	11/08/22	21:22:00	0.58	0.00	0.00	0.00	13.85		* H/T under Voltage regulation vide SR-900,NL-534* Bus Voltage:Open-759/773KV
BSR	240MVAR,BUS REACTOR AT NIZAMABAD	SVRD	24/08/22	07:18:00	24/08/22	17:49:00	0.44	0.00	0.00	0.00	10.52		* H/T under voltage regulation vide SR-2390, NL-1268 Voltage: 743KV/750KV
BSR	240MVAR,BUS REACTOR-1 AT RAICHUR			00:00:00		00:00:00	1.90	0.00	0.00	0.00	45.48	100.00	
BSR	240MVAR,BUS REACTOR-2 AT RAICHUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	330MVAR,BUS REACTOR AT SRIKAKULAM			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,SWLR OF VEMAGIRI-2 AT SRIKAKULAM			00:00:00		00:00:00	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	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	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	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	100.00	
BSR	80MVAR,BUS REACTOR AT VEMAGIRI			00:00:00		00:00:00	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	100.00	
BSR	240MVAR,BUS REACTOR-1 AT VEMAGIRI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,POLE-2 EAST BUS REACTOR AT VIZAG	SVRD	01/08/22	00:00:01	31/08/22	23:59:59	31.00	0.00	0.00	0.00	744.00		* H/T on instruction from SRLDC under Voltage regulation
BSR	50MVAR,SWLR OF JEYPORE-2 AT VIZAG HVDC			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	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	100.00	
CKT	400kV GAJUWAKA-VEMAGIRI			00:00:00		00:00:00	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	100.00	
CKT	400kV GOOTY-NELLORE PS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV GOOTY-NELLORE PS-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV GOOTY-NEELAMANGALA(KPTCL)			00:00:00		00:00:00	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	100.00	
CKT	400kV GOOTY-PAVAGADA-2	LEFT	08/08/22	11:46:00	08/08/22	21:21:00	0.40	9.58	0.00	0.00	0.00		* Line autoreclosed and tripped on Y-N fault at Pavagada end. Line holding from Gooty end. As informed by SR-2, Y-Phase Line voltage is not available at Pavagada end. Pavagada End: M1: 50.4KM, 6.9KA M2: 46.09KM, 6.5KA
CKT	400kV MAHESHWARAM-HYDERABAD			00:00:00		00:00:00	0.40	9.58	0.00	0.00	0.00	98.71	
CKT	400kV HYDERABAD-NAGARJUNASAGAR	LEFT	05/08/22	20:42:00	05/08/22	20:45:00	0.00	0.05	0.00	0.00	0.00		* Line Auto Reclose attempted on Y-N fault at both ends. A/R successful at Hyderabad SS and tripped at N.Sagar SS after 1.2 seconds. Fault Details: HYD SS:M1-FC:3.062KA,FD:123.2KM NSR SS:M1-FC:6.984KA,FD:30.42KM M2-FC:6.79KA,FD:30.8KM
CKT	400kV JEYPORE-GAJUWAKA-1			00:00:00		00:00:00	0.00	0.05	0.00	0.00	0.00	99.99	
CKT	400kV JEYPORE-GAJUWAKA-2			00:00:00		00:00:00	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	100.00	
CKT	400kV KADAPA-NP KUNTA-1			00:00:00		00:00:00	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	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	100.00	
CKT	400kV KHAMMAM-NAGARJUNASAGAR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KHAMMAM-VIJAYAWADA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KURNOOL-GOOTY	OSPT	23/08/22	07:15:00	23/08/22	20:08:00	0.54	12.88	0.00	0.00	0.00		* H/T for AMP works vide SR-2225
CKT	400kV NPKUNTA-HINDUPUR(APTRANSCO)-1			00:00:00		00:00:00	0.54	12.88	0.00	0.00	0.00	98.27	
CKT	400kV NPKUNTA-HINDUPUR(APTRANSCO)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

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CKT	400kV NANNOOR(APTRANSCO)-KURNOOL-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
CKT	400kV NANNOOR(APTRANSCO)-MAHESHWARAM	OSPT	30/08/22	16:30:00	30/08/22	20:29:00	0.17	3.98	0.00	0.00	0.00	100.00	* H/T on emergency for attending HOTSPOT on Y-Ph Wave trap connector* 30.08.2022 21:42:20 INDIA M Narasimha Chary (60031135)* vide SR-3170
							0.17	3.98	0.00	0.00	0.00	99.46	
CKT	400kV MAHABOONNAGAR(TSTRANSCO)-RAICHUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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	OSPD	26/08/22	11:11:00	26/08/22	18:03:00	0.29	0.00	0.00	0.00	0.00	100.00	* S/D availed by TSTRANSCO vide SR-2762
							0.29	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NELLORE-SRIPERUMBUDUR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NELLORE-SRIPERUMBUDUR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NELLORE-TIRUVALAM-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NELLORE-TIRUVALAM-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NELLORE PS-NCC(SEIL)-1	OSPT	17/08/22	11:53:00	17/08/22	18:41:00	0.28	6.80	0.00	0.00	0.00	100.00	* H/T for replacement of damaged OPGW cable* 21.08.2022 23:39:39 INDIA M Narasimha Chary (60031135)* H/T for replacement of damaged OPGW cable vide SR-1587
							0.28	6.80	0.00	0.00	0.00	99.09	
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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NELLORE PS-NELLORE-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NELLORE PS-TPCIL-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NELLORE PS-TPCIL-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NAGARJUNASAGAR-KADAPA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NAGARJUNASAGAR-KADAPA-2	LVRD	01/08/22	00:00:01	09/08/22	11:12:00	8.47	0.00	0.00	0.00	203.20	100.00	* Line kept under LVRD Vide SR-2005 as per SRLDC Instructions* Bus Voltage:NSR-425KV,KDP-423KV
							8.47	0.00	0.00	0.00	203.20	100.00	
CKT	400kV NAGARJUNASAGAR-KURNOOL	LART	29/08/22	05:45:00	29/08/22	05:45:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R operated successfully at both ends on R-N fault. Fault Details: NSR end: AFAS Double end: 169.68km/2.48kA, KNL end: 95.26km/4.084kA
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NAGARJUNASAGAR-KURNOOL	OSPT	20/08/22	07:22:00	20/08/22	19:31:00	0.51	12.15	0.00	0.00	0.00	98.37	* H/T for AMP works vide SR-1924
							0.51	12.15	0.00	0.00	0.00	98.37	
CKT	400kV N'SAGAR-MAHABOONNAGAR(TSTRANSCO)	LVRD	01/08/22	00:00:01	23/08/22	10:39:00	22.44	0.00	0.00	0.00	538.85	100.00	* H/T on Voltage regulation vide SR-1315 RT07/133 Bus Voltage 423/422 KV
							22.44	0.00	0.00	0.00	538.85	100.00	
CKT	400kV NIZAMABAD-DICHPALLE(TSTRANSCO)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NIZAMABAD-DICHPALLE(TSTRANSCO)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RTPS(KPTCL)-MUNIRABAD	LART	26/08/22	05:36:00	26/08/22	05:36:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line autoreclosed successfully on R-N fault. MBD: M1: 71.5KM, 3KA, M2: 69.5KM, 3.02KA
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RTPS(KPTCL)-MUNIRABAD	LART	01/08/22	23:08:00	01/08/22	23:08:00	0.00	0.00	0.00	0.00	0.00	100.00	* Auto reclose successful on BN Fault.Dist:72.262km Fault current: 3.041 kA from Munirabad; Dist:100.85KM,FC:3.648KA from RTPS
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RTPS(KPTCL)-MUNIRABAD	LART	02/08/22	06:08:00	02/08/22	06:08:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R successful at both ends on R-N fault. Fault Details: MBD end-M1: FD-111.74KM, FC-2.45kA M2: FD-109.77KM,FC-2.53kA
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RTPS(KPTCL)-MUNIRABAD	LART	29/08/22	22:29:00	29/08/22	22:29:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R operated successfully on Y-N Fault at both ends Fault details:* M1,FD-97.58KM,FC-2.477KA,M2:FD-96.92KM,FC-2.558KA* Fault location comes under Raichur TLM Jurisdiction
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RTPS(KPTCL)-MUNIRABAD	LART	22/08/22	03:57:00	22/08/22	03:57:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R operated successfully on R-N fault at both ends* Fault Details:MBD end:M1,FD-111.99KM,FC-2.378,M2:FD-112.77KM,FC-2.45KA Fault location comes under Raichur TLM Jurisdiction
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RTPS(KPTCL)-MUNIRABAD	LART	07/08/22	23:28:00	07/08/22	23:28:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R operated successfully for R-N fault at both ends. Fault Details MBD (AFAS): M1(FD-110.77KM, FC-2.6KA) M2(FD-110.529KM, FC-2.6kA) MBD (RELAY): M1 (FD-113KM, FC-2.33kA) M2(FD-110.3KM, 2.29KA) RTPS:(RELAY): FD-57.56 KM, FC-5.45KA
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RTPS(KPTCL)-MUNIRABAD	LART	14/08/22	21:43:00	14/08/22	21:43:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R operated successfully on B-N fault at both ends* Fault details:M1,FD-138.4LM,FC-2.155KA,M2:FD-122.08KM,FC-2.226KA* Fault location comes under Raichur TLM Jurisdiction
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAMAGUNDAM(NTPC)-CHANDRAPR(MSEB)-1	LVRD	14/08/22	23:25:00	15/08/22	09:05:00	0.40	0.00	0.00	0.00	0.00	9.67	* Line kept under LVRD vide SR-1328,NL-754,WR-1357* Bus Voltage:RDM-421KV,Bhadravathi-416KV
							0.48	11.42	0.00	0.00	0.00	9.67	
CKT	400kV RAMAGUNDAM(NTPC)-CHANDRAPR(MSEB)-1	OSPT	14/08/22	12:00:00	14/08/22	23:25:00	0.48	11.42	0.00	0.00	0.00	98.47	* Line Emergency H/T for replacement of damaged CLR Insulator in Location 137. H/T vide SR-1285/NL-725/WR-1323.
							0.88	11.42	0.00	0.00	0.00	98.47	
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	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAMAGUNDAM(NTPC)-GAZWEL(TSTRANSCO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAMAGUNDAM (NTPC)-HYDERABAD-3	OSPT	24/08/22	09:04:00	24/08/22	21:32:00	0.52	12.47	0.00	0.00	0.00	98.32	* H/T for AMP works vide SR-2408
							0.52	12.47	0.00	0.00	0.00	98.32	
CKT	400kV RAMAGUNDAM(NTPC)-HYDERABAD-4	OSPT	25/08/22	09:02:00	25/08/22	21:00:00	0.50	11.97	0.00	0.00	0.00	98.39	* H/T for AMP works vide SR-2564
							0.50	11.97	0.00	0.00	0.00	98.39	
CKT	400kV RAMAGUNDAM NTPC-MALKARAM TSTRANSCO			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAMAGUNDAM(NTPC)-NAGARJUNASAGAR-1	LVRD	01/08/22	00:00:01	22/08/22	12:09:00	21.51	0.00	0.00	0.00	516.15	100.00	* H/T under voltage regulation vide SR-740 Open Voltage: 425/425kV
							21.51	0.00	0.00	0.00	516.15	100.00	

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 RAMAGUNDAM(NTPC)-NAGARJUNASAGAR-2			00:00:00		00:00:00	21.51	0.00	0.00	0.00	516.15	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV VIJAYAWADA-NELLORE-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV VIJAYAWADA-NELLORE-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV VIJAYAWADA-NELLORE(APTRANSCO)	LART	02/08/22	16:39:00	02/08/22	16:39:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R operated successfully on Y-N fault at Nellore(AP) end and tripped at VTPS end on Q/V protection operation* Fault Details:NLR(AP)end:M1,FD-97.06KM,FC-2.9KA,M2:FD-96.57KM,FC-2.94KA VTPS end:M1,FD-197.3KM,M2:FD-187.7KM Closing Code:SR-138* 03.08.2022 07:27:45 INDIA M Narasimha Chary (60031135)* A/R operated successfully on Y-N fault at both ends Fault details:NLR end:M1,FD-52.8KM,FC-4.8KA,M2:FD-55.94KM,FC-4.96KA VJA end:M1,FD-263.3KM= ,FC-1.29KA,M2:FD-269.2KM,FC-4.96KA
CKT	400kV VIJAYAWADA-NELLORE(APTRANSCO)	LART	02/08/22	16:39:00	02/08/22	16:39:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R operated successfully on Y-N fault at both ends Fault details:NLR end:M1,FD-52.8KM,FC-4.8KA,M2:FD-55.94KM,FC-4.96KA VJA end:M1,FD-263.3KM= ,FC-1.29KA,M2:FD-269.2KM,FC-4.96KA
							0.00	0.00	0.00	0.00	0.00	100.00	
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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	LART	01/08/22	03:10:00	01/08/22	03:10:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line Auto Reclose operated successfully for B-N fault at both ends. Fault Details: KMM : FD-105.87KM , FC-4.086KA WGL : FD-11.621KM, FC-11.16KA
							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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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	02/08/22	22:32:00	03/08/22	08:31:00	0.42	0.00	0.00	0.00	9.98	100.00	* Line Kept under voltage regulation vide SR-179,NL-109. Bus voltage -788kV
CKT	765kV KADAPA-TIRUVALEM-2	SEFT	01/08/22	00:00:01	02/08/22	22:32:00	1.94	46.53	0.00	0.00	0.00	100.00	* Tripped on R-N fault.Suspected fault is due to issue in Gas insulated Isolator at Thiruvalam SS. Fault Details:KDP end:FD: 245.8KM FC: 4.314KA TVLML end:FD-0.0KM,FC-9.5KA
CKT	765kV KADAPA-TIRUVALEM-2	LVRD	24/08/22	01:20:18	31/08/22	23:59:59	7.94	0.00	0.00	0.00	190.86	93.75	* H/T Under voltage regulation Vide SR:2367 NL:1260 Open:804kV/798kV
CKT	765kV KURNOOL-KADAPA-1			00:00:00		00:00:00	10.30	46.53	0.00	0.00	200.64	100.00	
CKT	765kV KURNOOL-KADAPA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV RAICHUR-KURNOOL-1	OSPT	27/08/22	07:29:00	27/08/22	22:32:00	0.63	15.05	0.00	0.00	0.00	97.98	* H/T for AMP works vide SR-2869 NL-1504
CKT	765kV RAICHUR-KURNOOL-2	OSPT	25/08/22	07:07:00	25/08/22	22:22:00	0.64	15.25	0.00	0.00	0.00	97.95	* H/T for AMP works vide SR-2546, NL-1337
CKT	765kV KURNOOL-NELLORE PS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV KURNOOL-NELLORE PS-2	LVRD	15/08/22	18:36:00	16/08/22	07:59:00	0.56	0.00	0.00	0.00	13.38	100.00	* H/T under voltage regulation vide SR-1365, NL-778 knl:791/785/776KV, NPS: 792/779/760kV
CKT	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	29/08/22	17:26:00	31/08/22	23:59:59	2.27	0.00	0.00	0.00	54.57	100.00	* H/T under voltage regulation vide SR-3083,NL-1696. Bus Voltages(Open):Nzb-804/790kV,MHW-795/776kV
CKT	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	23/08/22	20:42:00	24/08/22	06:22:00	0.40	0.00	0.00	0.00	9.67	100.00	* H/T under voltage regulation vide SR-231, NL-1255 Voltage (open): Nzb: 803kV/790kV, MHW: 799kV/781kV
CKT	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	17/08/22	22:09:00	18/08/22	07:52:00	0.41	0.00	0.00	0.00	9.72	100.00	* H/T under voltage regulation vide SR-1671, NL-907 Nzb: Voltage: 800kV/791kV (Open) MHW: Voltage: 788kV/777kV (Open)
CKT	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	02/08/22	20:45:00	03/08/22	07:45:00	0.46	0.00	0.00	0.00	11.00	100.00	* H/T under Voltage Regulation vide SR-168,NL-106* Bus voltage:MHW-800kV/Nzb-805kV
CKT	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	01/08/22	00:00:01	01/08/22	07:09:00	0.30	0.00	0.00	0.00	7.15	100.00	* H/T Under Voltage Regulation Vide SR-2894, NL-1672 Bus Voltage(Open): Nzb: 810/806/798kV MHW: 800/792/784kV
CKT	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	12/08/22	21:33:00	16/08/22	07:39:00	3.42	0.00	0.00	0.00	82.10	100.00	* H/T under voltage regulation vide SR-1160, NL-648 Nzb: 803/799/786kV, MHW: 798/791/781kV

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	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	25/08/22	21:11:00	26/08/22	06:39:00	0.39	0.00	0.00	0.00	9.47		* H/T under voltage regulation vide SR-2674, NL-1403 Voltage(open); NZB: 804/791KV, MHW: 798/782KV
							7.65	0.00	0.00	0.00	183.68	100.00	
CKT	765kV NIZAMABAD-MAHESHWARAM-2	LVRD	27/08/22	00:19:00	29/08/22	07:24:00	2.30	0.00	0.00	0.00	55.08		* H/T under voltage regulation vide SR 2842.NL 1496.Voltages NZB:804KV/792KV,MHW 795KV/787KV
CKT	765kV NIZAMABAD-MAHESHWARAM-2	LVRD	24/08/22	21:32:40	25/08/22	06:32:00	0.38	0.00	0.00	0.00	8.99		* H/T under voltage regulation vide SR 2523 NL-1327 Bus Voltage:NZB 808/803/794 MHW :804/800/789
CKT	765kV NIZAMABAD-MAHESHWARAM-2	LVRD	19/08/22	19:40:00	22/08/22	06:53:00	2.47	0.00	0.00	0.00	59.22		* H/T under voltage regulation vide SR-1671, NL-907 NZB: Voltage: 804KV/800KV/793KV (Open) MHW : Voltage: 798KV/794KV/778KV (Open)
CKT	765kV NIZAMABAD-MAHESHWARAM-2	LVRD	22/08/22	18:18:00	23/08/22	06:34:00	0.51	0.00	0.00	0.00	12.27		* H/T under voltage regulation vide SR-2183,NL-1186, Bus Voltages:Open ;NZB:807/786KV,MHW:799/778KV
CKT	765kV NIZAMABAD-MAHESHWARAM-2	LVRD	16/08/22	22:26:00	17/08/22	06:43:00	0.35	0.00	0.00	0.00	8.28		* H/T under voltage regulation vide SR-1510,NL-845 Bus voltage NZB:806/804/796,MHW:802/796/782
CKT	765kV NIZAMABAD-MAHESHWARAM-2	LVRD	03/08/22	23:05:00	12/08/22	07:14:00	8.34	0.00	0.00	0.00	200.15		* H/T under voltage regulation vide SR-265, NL-173 Open: NZB:809/804/792kV, MHW:802/796/787kV
CKT	765kV NIZAMABAD-MAHESHWARAM-2	LVRD	01/08/22	18:14:00	02/08/22	15:18:00	0.88	0.00	0.00	0.00	21.07		* H/T under Voltage Regulation vide SR-65,NL-55* Bus Voltage:Open:NZB-807/794KV,MHW-802/779KV
							15.23	0.00	0.00	0.00	365.06	100.00	
CKT	765kV NIZAMABAD-WARDHA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.63	15.17	0.00	0.00	0.00		97.96
CKT	765kV RAICHUR-SOLAPUR-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
LNR	50MVAR,SWLR OF GAJWEL AT 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
LNR	50MVAR,SWLR OF TUMKUR-1 AT KADAPA GIS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00		100.00
LNR	50MVAR,SWLR OF TUMKUR-2 AT KADAPA GIS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00		100.00
LNR	240MVAR,SWLR OF RAICHUR-1 AT KURNOOL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00		100.00
LNR	240MVAR,SWLR OF HYDERABAD-1 AT KURNOOL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00		100.00
LNR	240MVAR,SWLR OF HYDERABAD-2 AT KURNOOL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00		100.00
LNR	240MVAR,SWLR OF NIZAMABAD-1 AT MAHESWARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00		100.00
LNR	240MVAR,SWLR OF NIZAMABAD-2 AT MAHESWARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00		100.00
LNR	125MVAR,SWLR OF SRIPERUMBUDUR-1 AT NELLO			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00		100.00
LNR	80MVAR,SWLR OF SRIPERUMBUDUR-2 AT NELLOR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00		100.00
LNR	63MVAR,SWLR OF GOOTY-1 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
LNR	63MVAR,SWLR OF GOOTY-2 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
LNR	240MVAR,SWLR OF MAHESWARAM-1 AT NIZAMABA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00		100.00
LNR	240MVAR,SWLR OF MAHESWARAM-2 AT NIZAMABA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00		100.00
LNR	240MVAR,SWLR OF WARDHA-1 AT 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
LNR	240MVAR,SWLR OF WARDHA-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
LNR	240MVAR,SWLR OF SHOLAPUR-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
LNR	240MVAR,SWLR OF SHOLAPUR-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
LNR	240MVAR,SWLR OF ANGUL-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
LNR	240MVAR,SWLR OF ANGUL-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
LNR	240MVAR,SWLR OF CPETA-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
LNR	240MVAR,SWLR OF CPETA-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
LNR	240MVAR,SWLR OF SRIKAKULAM-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
LNR	VEMAGIRI-SKLM-2 LINE REACTOR 240MVAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00		100.00
STATCOM	-200/+200 MVAR STATCOM AT 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
STATCOM	-100/+100 MVAR STATCOM 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
VALVE_HALL	500MW,VIZAG HVDC BTB POLE-1	SRMT	16/08/22	14:52:00	16/08/22	17:03:00	0.09	2.18	0.00	0.00	0.00		* Pole-1 Blocked due to operation of Bus-1 96A Relay
VALVE_HALL	500MW,VIZAG HVDC BTB POLE-1	OSPPT	27/08/22	12:29:00	27/08/22	14:08:00	0.07	1.65	0.00	0.00	0.00		* HVDC Pole-1 blocked for replacement of broken post insulator of Isolator CVD20Q24 vide SR-2906,NL-1536,ER-1088

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
VALVE_HALL	500MW_VIZAG HVDC BTB POLE-1	OSPT	13/08/22	10:46:00	14/08/22	09:58:00	0.97	23.20	0.00	0.00	0.00		* HVDC POLE-1 blocked for replacement of 02 Nos CTs CWD30 T52 B PHASE, CWD30 T53 Y PHASE . Blocked Vide SR-1210,NL-675,ER-466.
							1.13	27.03	0.00	0.00	0.00	96.37	
VALVE_HALL	500MW_VIZAG HVDC BTB POLE-2	SRMT	16/08/22	14:52:00	16/08/22	17:27:00	0.11	2.58	0.00	0.00	0.00		* Mal operation of BUS-1 96A relay
							0.11	2.58	0.00	0.00	0.00	99.65	
XMER	315MVA,400/220kV ICT-1 AT GAJUWAKA			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 GAJUWAKA			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-3 AT GAJUWAKA			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 GOOTY	OSPT	18/08/22	08:00:00	18/08/22	20:17:00	0.51	12.28	0.00	0.00	0.00		* H/T for AMP works vide SR-1700
							0.03	0.00	0.00	0.00	0.70		* H/T under Physical Regulation vide SR-3203* Power Flow-47MW
XMER	315MVA,400/220kV ICT-1 AT GOOTY	SPRD	30/08/22	22:21:00	30/08/22	23:03:00	0.03	0.00	0.00	0.00	0.70		
							0.54	12.28	0.00	0.00	0.70	98.35	
XMER	315MVA,400/220kV ICT-2 AT GOOTY	SPRD	30/08/22	22:30:00	30/08/22	23:02:00	0.02	0.00	0.00	0.00	0.53		
							0.02	0.00	0.00	0.00	0.53	100.00	
XMER	500MVA,400/220kV ICT-3 AT 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	
XMER	315MVA,400/220kV ICT-1 AT 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	
XMER	315MVA,400/220kV ICT-2 AT HYDERABAD	OSPT	08/08/22	10:50:00	08/08/22	14:32:00	0.15	3.70	0.00	0.00	0.00		* H/T under emergency to attend hotspot in 41989A isolator vide SR-625
							0.15	3.70	0.00	0.00	0.00	99.50	
XMER	315MVA,400/220kV ICT-3 AT 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	
XMER	500MVA,400/220kV ICT-4 AT 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	
XMER	1500MVA,765/400kV ICT-1 AT KADAPA GIS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT KADAPA GIS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT KADAPA			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 KADAPA			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 KADAPA	OSPT	04/08/22	09:10:00	04/08/22	18:04:00	0.37	8.90	0.00	0.00	0.00		* H/T for AMP works vide SR-284 Closing code Vide SR-326
							0.37	8.90	0.00	0.00	0.00	98.80	
XMER	315MVA,400/220kV ICT-1 AT KHAMMAM	OSPT	02/08/22	09:56:00	02/08/22	19:00:00	0.38	9.07	0.00	0.00	0.00		* H/T for AMP works vide SR-111
							0.38	9.07	0.00	0.00	0.00	98.78	
XMER	315MVA,400/220kV ICT-2 AT KHAMMAM	SPRD	03/08/22	19:28:00	03/08/22	20:33:00	0.05	0.00	0.00	0.00	1.08		* H/T UNDER PHYSICAL REGULATION VIDE SR:254 at the time of tripping 45MW while closing 32MW
							0.10	0.00	0.00	0.00	2.30		* Emergency H/T for attending HOTSPOT in TS TRANSCO 220KV switchyard H/T Vide SR:1870 S/D availed by TS TRANSCO. Normalized Vide SR:1898.
XMER	315MVA,400/220kV ICT-2 AT KHAMMAM	OSPD	19/08/22	16:00:00	19/08/22	18:18:00	0.10	0.00	0.00	0.00	2.30		
							0.68	16.22	0.00	0.00	0.00		* H/T for AMP works vide SR-1056
XMER	500MVA,400/220kV ICT-2 AT KHAMMAM	OSPT	12/08/22	09:37:00	13/08/22	01:50:00	0.83	16.22	0.00	0.00	3.38	97.82	
							0.05	0.00	0.00	0.00	1.10		* H/T UNDER PHYSICAL REGULATION VIDE SR:253 101 MW at the Time of tripping 121MW while closing
XMER	500MVA,400/220kV ICT-3 AT KHAMMAM	SPRD	03/08/22	19:18:00	03/08/22	20:24:00	0.05	0.00	0.00	0.00	1.10	98.71	* H/T for AMP works vide SR-1559
							0.40	9.60	0.00	0.00	0.00		
XMER	1500MVA,765/400kV ICT-1 AT KURNOOL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.45	9.60	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT KURNOOL			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 MAHESHWARAM	OSPT	05/08/22	08:30:00	05/08/22	21:56:00	0.56	13.43	0.00	0.00	0.00		* H/T for AMP works Vide SR-364,NL-231
							0.56	13.43	0.00	0.00	0.00	98.19	
XMER	1500MVA,765/400kV ICT-2 AT MAHESHWARAM			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 MUNIRABAD			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 MUNIRABAD			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 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	1500MVA,765/400kV ICT-3 AT NELLORE PS	OSPT	10/08/22	09:41:00	10/08/22	22:54:00	0.55	13.22	0.00	0.00	0.00		* H/T for AMP works vide SR-784, NL-485
							0.55	13.22	0.00	0.00	0.00	98.22	
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	OSPT	12/08/22	15:29:00	12/08/22	22:33:00	0.29	7.07	0.00	0.00	0.00		* H/T for AMP Works vide SR-1102, REMC-080
							0.29	7.07	0.00	0.00	0.00	99.05	
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			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 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	
XMER	315MVA,400/220kV ICT-3 AT NAGARJUNASAGAR	OSPD	20/08/22	11:43:00	20/08/22	13:25:00	0.07	0.00	0.00	0.00	1.70		* S/D availed by M/S APTRANSCO vide SR1955
							0.07	0.00	0.00	0.00	1.70	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	OSPT	12/08/22	09:03:00	12/08/22	20:26:00	0.47	11.37	0.00	0.00	0.00		* H/T for AMP works vide SR-1047,NL-612
							0.47	11.37	0.00	0.00	0.00	98.47	
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	OSPT	10/08/22	09:49:00	10/08/22	22:10:00	0.52	12.35	0.00	0.00	0.00		* H/T for AMP works vide SR-786

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-2 AT VIJAYAWADA			00:00:00		00:00:00	0.52	12.35	0.00	0.00	0.00	98.34	
							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	OSPT	27/08/22	08:45:00	27/08/22	20:35:00	0.49	11.83	0.00	0.00	0.00		* H/T for AMP works vide SR-2876
							0.49	11.83	0.00	0.00	0.00	98.41	
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			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 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	
							152.69	331.95	0.00	0.00	3,330.86		