

Standard of Performance data for the month of September-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		
BSR	63MVAR,BUS REACTOR-1 AT GOOTY			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT GOOTY			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
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		
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	SVRD	01/09/22	07:56:00	01/09/22	20:28:00	0.52	0.00	0.00	0.00	0.00	12.53	* H/T under voltage regulation vide SR-17. BUS VOLTAGES(OPEN):399/404kV
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	SVRD	25/09/22	09:33:00	25/09/22	20:57:00	0.48	0.00	0.00	0.00	0.00	11.40	* H/T under voltage regulation vide SR-2683
BSR	125MVAR,BUS REACTOR-2 AT KADAPA	SVRD	25/09/22	09:34:00	25/09/22	21:24:00	0.49	0.00	0.00	0.00	0.00	11.83	* H/T under voltage regulation vide SR-2684
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	18/09/22	09:28:00	18/09/22	18:44:00	0.39	0.00	0.00	0.00	0.00	9.27	* H/T under voltage regulation vide SR-1706, NL-1422* Bus Voltage: Open-757/765KV
BSR	240MVAR,BUS REACTOR-2 AT KURNOOL	SVRD	23/09/22	10:15:00	23/09/22	21:20:00	0.46	0.00	0.00	0.00	0.00	11.08	* H/T under Voltage Regulation vide SR-2387,NL-1809* Bus Voltage:Open-753/759KV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	01/09/22	07:58:00	01/09/22	20:31:00	0.52	0.00	0.00	0.00	0.00	12.55	* H/T under voltage regulation vide SR-16,NL-06. BUS VOLTAGES(OPEN):750/761kV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	15/09/22	08:50:41	15/09/22	21:20:00	0.52	0.00	0.00	0.00	0.00	12.49	* H/T under voltage regulation vide SR-1290,NL-1188 Bus Voltage:Open-739/748KV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	19/09/22	08:21:00	19/09/22	23:29:00	0.63	0.00	0.00	0.00	0.00	15.13	* H/T under voltage regulation vide SR-1793,NL-1468. Bus Voltages-(open):747/758kV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	18/09/22	09:03:00	18/09/22	18:31:00	0.39	0.00	0.00	0.00	0.00	9.47	* H/T under voltage regulation vide SR-1692, NL-1417* Bus Voltage: Open-744/752KV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	29/09/22	09:21:00	29/09/22	20:48:00	0.48	0.00	0.00	0.00	0.00	11.45	* H/T under voltage regulation vide SR-3164 NL-2298* Bus Voltages(open) - 751/759KV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	24/09/22	06:55:00	24/09/22	19:08:00	0.51	0.00	0.00	0.00	0.00	12.22	* H/T Under voltage regulation vide SR-2509, NL-1859 Bus Voltage Open: 728/737KV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	22/09/22	07:11:00	22/09/22	17:53:00	0.45	0.00	0.00	0.00	0.00	10.70	* H/T under Voltage Regulation vide SR-2211,NL-1730* Bus Voltage:Open-742/750KV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	23/09/22	07:03:00	23/09/22	21:23:00	0.60	0.00	0.00	0.00	0.00	14.33	* H/T under Voltage Regulation vide SR-2333,NL-1794* Bus Voltage:Open-742/751KV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	26/09/22	09:43:00	26/09/22	17:22:00	0.32	0.00	0.00	0.00	0.00	7.65	* H/T under voltage regulation vide SR-2791,NL-2018. Bus Voltages(open)-748/758kV* 26.09.2022 19:21:35 INDIA Chintha Amarnath (60003450)* Closing Code:SR-2837,NL-2056 Closing voltage:788KV/778KV.
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	21/09/22	06:19:00	21/09/22	20:04:00	0.57	0.00	0.00	0.00	0.00	13.75	* H/T under voltage regulation vide SR-2052, NL-1642. Bus Voltages(open):-745/754kV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	28/09/22	08:20:00	28/09/22	18:47:00	0.44	0.00	0.00	0.00	0.00	10.45	* H/T under voltage regulation vide SR-3038 NL-2192* Bus Voltages (open)-748/758kV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	05/09/22	06:48:00	05/09/22	20:54:00	0.59	0.00	0.00	0.00	0.00	14.10	* H/T under voltage regulation vide SR-377, NL-316* Bus Voltage: Open-734/743kV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	16/09/22	06:38:00	16/09/22	21:50:00	0.63	0.00	0.00	0.00	0.00	15.20	* H/T under voltage regulation vide SR-1439,NL-1283* Bus Voltage:Open-739/750KV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	07/09/22	07:10:00	07/09/22	16:28:00	0.39	0.00	0.00	0.00	0.00	9.30	* Bus Reactor H/T for voltage regulation vide SR-591/NL-507. Bus Voltages: 744/754 kV.
BSR	240MVAR,BUS REACTOR-2 AT MAHESHWARAM	SVRD	02/09/22	11:03:00	02/09/22	22:01:00	0.46	0.00	0.00	0.00	0.00	168.79	100.00
BSR	240MVAR,BUS REACTOR-2 AT MAHESHWARAM	SVRD	03/09/22	10:32:00	03/09/22	21:08:00	0.44	0.00	0.00	0.00	0.00	10.97	* H/T UNDER VOLTAGE REGULATION VIDE SR-115, NL-119
BSR	240MVAR,BUS REACTOR-2 AT MAHESHWARAM	SVRD	20/09/22	07:08:00	20/09/22	18:03:00	0.46	0.00	0.00	0.00	0.00	10.92	* H/T Under Voltage regulation vide SR-1909, NL-1562 Bus Voltage Open: 735/746kV
BSR	240MVAR,BUS REACTOR-2 AT MAHESHWARAM	SVRD	25/09/22	10:48:00	25/09/22	18:07:00	0.31	0.00	0.00	0.00	0.00	7.32	* H/T under voltage regulation vide SR-2691, NL-1953
BSR	240MVAR,BUS REACTOR-2 AT MAHESHWARAM	SVRD	27/09/22	07:55:00	27/09/22	19:58:00	0.50	0.00	0.00	0.00	0.00	12.05	* H/T under voltage regulation vide SR-2892, NL-2101 Bus Voltage(Open): 735/745kV
BSR	240MVAR,BUS REACTOR-2 AT MAHESHWARAM	SVRD	26/09/22	07:52:00	26/09/22	17:28:00	0.40	0.00	0.00	0.00	0.00	9.60	* H/T under voltage regulation vide SR-2761, NL-2003. Bus voltages(open):729/740kV* 26.09.2022 19:24:02 INDIA Chintha Amarnath (60003450)* Closing code:SR-2838,NL-2058 Closing voltage:779KV/769KV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	01/09/22	11:35:00	01/09/22	20:28:00	0.37	0.00	0.00	0.00	0.00	8.88	* H/T under voltage regulation vide SR-38. Bus Voltages:397/399kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	16/09/22	10:40:00	16/09/22	21:45:00	0.46	0.00	0.00	0.00	0.00	11.08	* H/T under Voltage regulation vide SR-1495 Bus Voltage:Open-390/392KV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	17/09/22	08:49:00	17/09/22	21:55:00	0.50	0.00	0.00	0.00	0.00	13.10	* H/T Under voltage regulation vide SR-1591 Bus Voltage open: 396/398kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	15/09/22	09:57:00	15/09/22	22:02:00	0.55	0.00	0.00	0.00	0.00	12.08	* H/T under Voltage regulation vide SR-1326 Voltage Open:388/392KV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	18/09/22	09:23:00	18/09/22	18:05:00	0.36	0.00	0.00	0.00	0.00	8.70	* H/T under voltage regulation vide SR-1707* Bus Voltage: Open-392/394kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	27/09/22	10:21:00	29/09/22	00:45:00	1.60	0.00	0.00	0.00	0.00	38.40	* H/T under voltage regulation vide SR-2926 Bus Voltage(Open): 391/394kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	20/09/22	09:24:00	20/09/22	23:52:00	0.60	0.00	0.00	0.00	0.00	14.47	* H/T Under voltage regulation vide SR-1934 Bus Open Voltage: 391/397kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	26/09/22	09:45:00	26/09/22	20:03:00	0.44	0.00	0.00	0.00	0.00	10.63	* H/T under voltage regulation vide SR-2783. Bus Voltages(open):396/399kV* 26.09.2022 20:32:16 INDIA Chintha Amarnath (60003450)* Closing Code vide SR-2869 Bus Voltages(close): 416/412kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	25/09/22	09:00:00	25/09/22	20:54:00	0.50	0.00	0.00	0.00	0.00	11.90	* H/T under voltage regulation vide SR-2675
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	21/09/22	09:51:00	24/09/22	00:00:01	2.59	0.00	0.00	0.00	0.00	62.15	* H/T Under voltage regulation vide SR-2100 Bus Voltage open: 388/390kV Closing code:SR-2494 Bus Voltage close:416/414kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	24/09/22	10:12:00	24/09/22	18:55:00	0.36	0.00	0.00	0.00	0.00	8.72	* H/T under voltage regulation vide SR-2562 Bus Voltage: Open: 395KV/398KV
BSR	50MVAR,SWLR OF THIRUVALM-1 AT NELLORE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
BSR							0.00	0.00	0.00	0.00	0.00	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
BSR	50MVAR,SWLR OF THIRUVALM-2 AT NELLORE			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 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	
BSR	240MVAR,BUS REACTOR-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	
BSR	125MVAR,BUS REACTOR-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	
BSR	50MVAR,BUS REACTOR-1 AT NAGARJUNSAGAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT NAGARJUNSAGAR			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 AT NIZAMABAD	SVRD	16/09/22	06:39:00	16/09/22	22:26:00	0.66	0.00	0.00	0.00	0.00	15.78	* H/T under Voltage regulation vide SR-1440,NL-1284* Bus Voltage:Open-750/762KV
							0.66	0.00	0.00	0.00	0.00	15.78	
BSR	240MVAR,BUS REACTOR-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	
BSR	240MVAR,BUS REACTOR-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	
BSR	330MVAR,BUS REACTOR 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-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			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,POLE-2 EAST BUS REACTOR AT VIZAG	SVRD	01/09/22	00:00:01	30/09/22	23:59:59	30.00	0.00	0.00	0.00	720.00		* H/T on instruction from SRLDC under Voltage regulation
							30.00	0.00	0.00	0.00	720.00	100.00	
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		
							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		
							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			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-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 GOOTY-NEELAMANGALA(KPTCL)			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-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	LEFT	13/09/22	21:30:00	13/09/22	22:09:00	0.03	0.65	0.00	0.00	0.00		* Line autoreclosed successfully on Y-N fault at maheshwaram end <-> tripped at Hyderabad end. MHW End: M1: 55.15KM, 5.379KA, M2: 54.7KM, 5.31KA Hyd End: 0.4KM, 21KA
							0.31	7.48	0.00	0.00	0.00		* H/T under emergency vide SR-1814
CKT	400kv MAHESHWARAM-HYDERABAD	OSPT	19/09/22	11:09:00	19/09/22	18:38:00	0.34	8.13	0.00	0.00	0.00	98.87	
							0.00	0.00	0.00	0.00	0.00		* Line A/R operated successfully at both ends on B-N fault. Fault Details: NSR end: Double end: 63.49km/5.08KA, HYD end: 91.8km/3.93KA
CKT	400kv HYDERABAD-NAGARJUNASAGAR	LART	02/09/22	07:08:00	02/09/22	07:08:00	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)	LPRD	14/09/22	13:04:00	20/09/22	10:31:00	5.89	0.00	0.00	0.00	141.45		* H/T under power regulation vide SR-1206
							5.89	0.00	0.00	0.00	141.45	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	LEFT	30/09/22	12:35:00	30/09/22	16:43:00	0.17	4.13	0.00	0.00	0.00		* Tripped on persistent fault R-N FAULT KHAMMAM M1:FC-7.60KA,FD-31.1KM M2:FC-6.13KA,FD-28.4KM AFAS(FC-8.16,FD-31.31) NSAGAR M1:FC-2.03KA=,FD-137.1KM AFAS(FC-3.52,FD-144.4KM)* 01.10.2022 10:21:48 INDIA M Narasimha Chary (60031135)* Line tripped on R-N Fault,A/R attempted and tripped due to persistent of fault. Fault Details:KHM end:M1:FC-7.60KA,FD-31.1KM M2:FC-6.13KA=,FD-28.4KM NSR End:M1:FC-2.03KA,FD-137.1KM,AFAS:FD-144.4Km,FC-3.52KA Closing Code:SR-3334
							0.17	4.13	0.00	0.00	0.00	99.43	
CKT	400kv KHAMMAM-VIJAYWADA	LART	07/09/22	04:06:00	07/09/22	04:06:00	0.00	0.00	0.00	0.00	0.00		* A/R operated successfully at both end on B-N fault.* Fault Details: VJA END:M1-FD:84.217km,FC-3.93KA,M2-FD:82.822km,FC-4.0ka.* KMM END:M2-FD:28.039KM,FC-9.43KA
							0.00	0.00	0.00	0.00	0.00		
CKT	400kv KHAMMAM-VIJAYWADA	LVRD	07/09/22	19:27:00	30/09/22	23:59:59	23.19	0.00	0.00	0.00	556.55		* Line Kept under LVRD vide SR-683 * Bus Voltage:KHM-424KV VJA-410KV
							0.40	9.60	0.00	0.00	0.00		* H/T for AMP works Vide SR-617

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 KURNOOL-GOOTY			00:00:00		00:00:00	23.59	9.60	0.00	0.00	556.55	98.67	
CKT	400kV NPKUNTA-HINDUPUR(APTRANSCO)-1	LCSD	27/09/22	08:25:00	28/09/22	18:42:00	1.43	0.00	0.00	0.00	34.28	100.00	* H/T to facilitate reconditioning works of NPK-Kolar line with HTLS vide SR-2902
CKT	400kV NPKUNTA-HINDUPUR(APTRANSCO)-2	LVRD	28/09/22	19:30:04	29/09/22	10:18:00	0.82	0.00	0.00	0.00	14.80	100.00	* Line Kept under LVRD SR-3126
CKT	400kV NPKUNTA-HINDUPUR(APTRANSCO)-2	LCSD	27/09/22	08:26:00	28/09/22	18:30:00	1.42	0.00	0.00	0.00	34.07	100.00	* H/T to facilitate reconditioning works of NPK-Kolar line with HTLS vide SR-2903
CKT	400kV NANNOOR(APTRANSCO)-GOOTY			00:00:00		00:00:00	2.04	0.00	0.00	0.00	48.87	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	
CKT	400kV NANNOOR(APTRANSCO)-KURNOOL-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NANNOOR(APTRANSCO)-MAHESHWARAM			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MAHABOONAGAR(TSTRANSCO)-RAICHUR	OSPD	03/09/22	13:14:00	03/09/22	13:59:00	0.03	0.00	0.00	0.00	0.00	7.75	* S/D availed by M/s RTPS for taking LR into service at RTPS End vide SR-227
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			00:00:00		00:00:00	0.00	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	
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	OSPT	12/09/22	09:12:00	12/09/22	20:21:00	0.47	11.15	0.00	0.00	0.00	98.45	* H/T for AMP works vide SR-968
CKT	400kV NELLORE-TIRUVALAM-2	OSPT	14/09/22	09:09:00	14/09/22	20:48:00	0.49	11.65	0.00	0.00	0.00	98.38	* H/T for AMP works vide SR-1161
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	LPRD	12/09/22	09:12:00	12/09/22	20:21:00	0.47	0.00	0.00	0.00	11.15	100.00	* H/T for facilitating of 400KV Nellore-Thiruvalem Line-1 Shutdown vide SR-969
CKT	400kV NELLORE PS-NELLORE-2	LPRD	14/09/22	09:09:00	14/09/22	20:48:00	0.49	0.00	0.00	0.00	11.65	100.00	* H/T for facilitating of 400KV Nellore-Thiruvalem Line-2 Shutdown vide SR-1162
CKT	400kV NELLORE PS-TPCIL-1			00:00:00		00:00:00	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	
CKT	400kV NAGARJUNASAGAR-KADAPA-1	LART	26/09/22	02:55:00	26/09/22	02:55:00	0.00	0.00	0.00	0.00	0.00	100.00	* Auto Reclosed successfully on R-N fault
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	LART	26/09/22	04:22:35	26/09/22	04:22:35	0.00	0.00	0.00	0.00	0.00	100.00	* Auto Reclosed successfully on R-N fault
CKT	400kV N'SAGAR-MAHABOONAGAR(TSTRANSCO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	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	
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	LART	08/09/22	05:14:00	08/09/22	05:14:00	0.00	0.00	0.00	0.00	0.00	100.00	* Auto reclosed successful on B-N Fault* Fault details* MBD end: AFAS M1:142.285KM/2.32kA* M2:137.525KM/2.40kA* RELAY:* MBD end M1:140.9KM/2.07kA* M2:134.9KM/2.03kA* RTPS end: 35.23KM/8.5KA
CKT	400kV RTPS(KPTCL)-MUNIRABAD	OMST	21/09/22	17:32:00	21/09/22	18:11:00	0.03	0.65	0.00	0.00	0.00	100.00	* While checking the 400KV Bus-1 Bus bar protection,405 Tie CB got tripped. Normalized Vide SR:2165
CKT	400kV RTPS(KPTCL)-MUNIRABAD	LART	29/09/22	22:30:00	29/09/22	22:30:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R operated successfully at both ends on B-N fault. Fault Details: MBD end-M1:95.6km/2.51kA, M2:94.03km/2.53kA; RTPS end: M1/M2:76.49KM As per fault details: Fault Jurisdiction comes under Raichur TLM
CKT	400kV RTPS(KPTCL)-MUNIRABAD	LART	02/09/22	00:42:00	02/09/22	00:42:00	0.00	0.00	0.00	0.00	0.00	100.00	* Auto reclosed successful on R-N Fault Fault details MBD end:AFAS M1:110.822KM/2.421kA M2:110.652KM/2.508kA RELAY: MBDend M1:113.7KM/= 2.285KA, M2:112.1km/2.21kA RTPSend: M2:57.85KM/5.819kA
CKT	400kV RTPS(KPTCL)-MUNIRABAD	LART	08/09/22	03:28:00	08/09/22	03:28:00	0.00	0.00	0.00	0.00	0.00	100.00	* Auto reclosed successful on B-N Fault* Fault details MBD end:AFAS M1:137.644KM/2.115kA M2:129.82KM/2.18kA RELAY: MBDend M1:141.8KM/2.03kA, M2:135.1KM/2.09kA* RTPSend:35.27KM/8.5KA
CKT	400kV RAMAGUNDAM(NTPC)-CHANDRAPR(MSEB)-1			00:00:00		00:00:00	0.00	0.65	0.00	0.00	0.00	99.91	
CKT	400kV RAMAGUNDAM(NTPC)-CHANDRAPR(MSEB)-2	LART	10/09/22	20:52:00	10/09/22	20:52:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line autoreclosed successfully on B-N fault. RDM End: 23.3KM, 12.7KA BDW: M1: 105.09KM, 1.8KA - M2: 126KM
CKT	400kV RAMAGUNDAM(NTPC)-GAZWEL(TSTRANSCO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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	LART	26/09/22	19:46:00	26/09/22	19:46:00	0.00	0.00	0.00	0.00	0.00	100.00	* AR OPRATED SUCESSFULLY ON Y-N FAULT AT BOTH ENDS.* Fault Details: HYD:AFAS:M1:FD-19.159KM,FC-17.16KA.* M2:FD-19.663KM,FC-17.56KA* RMG:M1:FD-194.9KM,FC-3.04KA.* M2:FD-202.9KM,FC-1.98KA
CKT	400kV RAMAGUNDAM(NTPC)-MALKARAM TSTRANSCO			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	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
XMER	500MVA,400/220kV ICT-3 AT KADAPA			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 KHAMMAM			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 KHAMMAM	OMSU	30/09/22	15:18:00	30/09/22	16:45:00	0.06	0.00	0.00	1.45	0.00	100.00	* H/T of Khammam ICT-2, in order to facilitate the charging of Khammam-N.Sagar-1 feeder (As Main Breaker of ICT-2 is already under Bus Shut down.
XMER	315MVA,400/220kV ICT-2 AT KHAMMAM	OMSU	30/09/22	12:35:00	30/09/22	13:05:00	0.02	0.00	0.50	0.00	0.00	100.00	* 400kV Side Tripped while tripping of 400kV Khammam. Nsagar Line-1.Main breaker of ICT-2 Out of service for Bus-1 Maintenance works (Nsagar-1 and ICT-2 in one dia)
XMER	315MVA,400/220kV ICT-2 AT KHAMMAM	OMSU	30/09/22	15:18:00	30/09/22	16:45:00	0.06	0.00	1.45	0.00	0.00	100.00	* ICT-2 Hand Tripped in order to facilitate the charging of 400kV Khammam-NSagar Line-1 vide SR-3332 (As Main Breaker of ICT-2 is already Out of service due to 400kV Bus-1 OCC Approved Shut down) Closing Code:SR-3333
XMER	500MVA,400/220kV ICT-3 AT KHAMMAM			00:00:00		00:00:00	0.14	0.00	3.40	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT KURNOOL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	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	100.00	
XMER	1500MVA,765/400kV ICT-1 AT MAHESHWARAM			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 MAHESHWARAM			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 MUNIRABAD			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 MUNIRABAD			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 NELLORE PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT NELLORE PS			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 NPKUNTA	OSPT	26/09/22	16:28:00	26/09/22	23:10:00	0.28	6.70	0.00	0.00	0.00	99.07	* H/T for AMP works Vide opening Code: SR-2834
XMER	500MVA,400/220kV ICT-2 AT NPKUNTA			00:00:00		00:00:00	0.28	6.70	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	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	100.00	
XMER	315MVA,400/220kV ICT-1 AT NAGARJUNASAGAR	OMSU	11/09/22	03:04:00	11/09/22	04:49:00	0.07	0.00	1.75	0.00	0.00	100.00	* ICT-1,2,3 tripped due to fault in 220kV side APTranSCO Station
XMER	315MVA,400/220kV ICT-2 AT NAGARJUNASAGAR	OMSU	11/09/22	03:04:00	11/09/22	04:53:00	0.08	0.00	1.82	0.00	0.00	100.00	* ICT-1,2,3 tripped due to fault in 220kV side APTranSCO Station
XMER	315MVA,400/220kV ICT-3 AT NAGARJUNASAGAR	OMSU	11/09/22	03:04:00	11/09/22	04:59:00	0.08	0.00	1.92	0.00	0.00	100.00	* ICT-1,2,3 tripped due to fault in 220kV side APTranSCO Station
XMER	315MVA,400/220kV ICT-3 AT NAGARJUNASAGAR	OSPT	12/09/22	08:10:00	19/09/22	16:29:00	7.35	176.32	0.00	0.00	0.00	75.45	* H/T for replacement of 220kV R-<-&->B Bushing and 33kv R Ph Bushing due to Tan delta violation vide SR-966
XMER	1500MVA,765/400kV ICT-1 AT NIZAMABAD			00:00:00		00:00:00	7.43	176.32	1.92	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	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	100.00	
XMER	1500MVA,765/400kV ICT-2 AT RAICHUR	OSPT	24/09/22	12:35:00	24/09/22	14:06:00	0.06	1.52	0.00	0.00	0.00	99.49	* Emergency S/D availed to attend hotspot in Neutral CT vide SR-2572, NL-1889
XMER	1500MVA,765/400kV ICT-2 AT RAICHUR	OSPT	15/09/22	15:08:00	15/09/22	17:18:00	0.09	2.17	0.00	0.00	0.00	99.49	* H/T under emergency vide SR-1364,NL-1236 to attend hotspot in 412.89B isolator.
XMER	1500MVA,765/400kV ICT-1 AT SRIKAKULAM			00:00:00		00:00:00	0.15	3.69	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	100.00	
XMER	315MVA,400/220kV ICT-1 AT VIJAYAWADA	SVRD	29/09/22	11:34:00	29/09/22	12:20:00	0.03	0.00	0.00	0.00	0.77	100.00	* H/T vide SR-3196 for changing Tap position from 14 to 13 as per SRLDC instructions.* Closing code :SR-3204
XMER	315MVA,400/220kV ICT-2 AT VIJAYAWADA	SVRD	29/09/22	12:52:00	29/09/22	13:47:00	0.04	0.00	0.00	0.00	0.92	100.00	* H/T vide SR-3214 for changing Tap position from 14 to 13 as per SRLDC instructions.* Closing code Vide SR-3218
XMER	500MVA,400/220kV ICT-3 AT VIJAYAWADA	SVRD	29/09/22	10:12:00	29/09/22	11:14:00	0.04	0.00	0.00	0.00	1.03	100.00	* As per SRLDC instruction,* H/T ICT-III for changing tap position from 14 to 13 Vide SR-3183* Closing Code Vide SR-3190
XMER	1500MVA,765/400kV ICT-1 AT VEMAGIRI			00:00:00		00:00:00	0.04	0.00	0.00	0.00	1.03	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	100.00	
XMER	315MVA,400/220kV ICT-1 AT WARANGAL	OSPT	08/09/22	10:15:00	08/09/22	15:12:00	0.21	4.95	0.00	0.00	0.00	99.31	* Emergency S/D availed vide SR-726, to attend oil leakages
XMER	315MVA,400/220kV ICT-2 AT WARANGAL			00:00:00		00:00:00	0.21	4.95	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	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
							147.94	376.88	10.14	0.00	3,161.89		