

## Standard of Performance data for the month of Dec-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		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	63MVAR,BUS REACTOR-1 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	
BSR	125MVAR,BUS REACTOR-2 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	
BSR	50MVAR,SWLR OF KURNOOL 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	
BSR	80MVAR,SWLR OF NPKUNTA-2 AT HINDUPUR			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,SWLR OF NPKUNTA-1 AT HINDUPUR			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 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	
BSR	240MVAR,BUS REACTOR-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	
BSR	240MVAR,BUS REACTOR-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	
BSR	50MVAR,BUS REACTOR-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	
BSR	125MVAR,BUS REACTOR-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	
BSR	50MVAR,BUS REACTOR-1 AT KHAMMAM			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 KHAMMAM			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	

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BSR	240MVAR,BUS REACTOR-2 AT KURNOOL	SVRD	06-12-2022	09:41:00	06-12-2022	23:33:00	0.58	0.00	0.00	0.00	13.87		* H/T under voltage regulation vide codes SR-551 and NL-783.
BSR	240MVAR,BUS REACTOR-2 AT KURNOOL	SVRD	23-12-2022	10:32:00	23-12-2022	18:16:00	0.32	0.00	0.00	0.00	7.73		* H/T under voltage regulation vide SR-2759,NL-3886
BSR	240MVAR,BUS REACTOR-2 AT KURNOOL	SVRD	19-12-2022	10:07:00	19-12-2022	20:02:00	0.41	0.00	0.00	0.00	9.92		* H/T under Voltage Regulation vide SR-2133,NL-3057* Bus Voltage:Open-747/757KV
BSR	240MVAR,BUS REACTOR-2 AT KURNOOL	SVRD	22-12-2022	10:30:00	22-12-2022	19:00:00	0.35	0.00	0.00	0.00	8.50		* H/T under voltage regulation vide SR-2600, NL-3732 Voltage: 750KV/756KV (Open)
BSR	240MVAR,BUS REACTOR-2 AT KURNOOL	SVRD	24-12-2022	10:43:00	24-12-2022	17:13:00	0.27	0.00	0.00	0.00	6.50		* H/T Under Voltage regulation Vide SR:2927,NL:4073 Voltage:750/756KV.
							1.93	0.00	0.00	0.00	46.52	100.00	
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	20-12-2022	16:12:00	20-12-2022	17:26:00	0.05	0.00	0.00	0.00	1.23		* H/T Under voltage regulation vide SR 2325 NL 3337 Voltages: Open: 749KV/759KV Voltages: Close: 775KV/763KV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	25-12-2022	09:25:59	25-12-2022	17:45:00	0.35	0.00	0.00	0.00	8.32		* H/T Under voltage regulation Vide SR:3057,NL:4226. Voltage open:740/752KV.
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	27-12-2022	07:30:00	27-12-2022	18:16:00	0.45	0.00	0.00	0.00	10.77		* H/T under voltage regulation vide SR-3260,NL-4541 Bus Voltage:Open-741/749KV
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	09-12-2022	07:28:00	09-12-2022	19:25:00	0.50	0.00	0.00	0.00	11.95		* H/T under voltage regulation vide SR-970,NL-1266.* Bus Voltages (open):724/734kV.
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	19-12-2022	10:08:00	19-12-2022	19:56:00	0.41	0.00	0.00	0.00	9.80		* H/T under Voltage regulation vide SR-2132,NL-3056* Bus Voltage:Open-739/747KV

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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	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	24-12-2022	07:08:00	24-12-2022	17:12:00	0.42	0.00	0.00	0.00	10.07		* H/T under Voltage regulation Vide SR:2887,NL:4023. Voltage Open:750/757KV.
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	31-12-2022	08:18:00	31-12-2022	18:49:00	0.44	0.00	0.00	0.00	10.52		
BSR	240MVAR,BUS REACTOR-1 AT MAHESHWARAM	SVRD	29-12-2022	06:59:00	29-12-2022	19:59:00	0.54	0.00	0.00	0.00	13.00		* H/T Under voltage regulation vide SR-3540, NL-4941 Bus voltages opne: 726/743kV
							3.16	0.00	0.00	0.00	75.66	100.00	
BSR	240MVAR,BUS REACTOR-2 AT MAHESHWARAM	SVRD	24-12-2022	07:12:00	24-12-2022	17:16:00	0.42	0.00	0.00	0.00	10.07		* H/T under Voltage regulation Vide SR:2888,NL:4024 Voltage Open:757/767KV
BSR	240MVAR,BUS REACTOR-2 AT MAHESHWARAM	SVRD	19-12-2022	10:20:00	19-12-2022	20:00:00	0.40	0.00	0.00	0.00	9.67		* H/T under Voltage Regulation vide SR-2142,NL-3074* Bus Voltage:Open-759/768KV
BSR	240MVAR,BUS REACTOR-2 AT MAHESHWARAM	SVRD	07-12-2022	08:44:00	07-12-2022	20:58:00	0.51	0.00	0.00	0.00	12.23		* H/T under voltage regulation vide SR-707,NL-924. Bus Voltages(open):751/762kV
BSR	240MVAR,BUS REACTOR-2 AT MAHESHWARAM	SVRD	30-12-2022	06:30:00	30-12-2022	17:38:00	0.46	0.00	0.00	0.00	11.13		* H/T under Voltage regulation vide SR-3713,NL-5137 Bus Voltage:Open-741/753KV
							1.79	0.00	0.00	0.00	43.10	100.00	
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	22-12-2022	07:07:00	23-12-2022	20:17:00	1.55	0.00	0.00	0.00	37.17		* H/T under voltage regulation vide SR-2550 Voltage: 396KV/400kV (Open)
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	06-12-2022	09:23:00	06-12-2022	20:30:00	0.46	0.00	0.00	0.00	11.12		* H/T under voltage regulation vide SR-549 Bus voltages(close):417/414kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	15-12-2022	09:16:00	15-12-2022	20:17:00	0.46	0.00	0.00	0.00	11.02		* H/T under voltage regulation vide SR-1620. Bus Voltage(open)-397/399kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	28-12-2022	09:17:00	29-12-2022	21:21:00	1.50	0.00	0.00	0.00	36.07		* H/T under Voltage regulation vide SR-3421* Bus Voltage:Open-390/394KV

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BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	27-12-2022	08:35:00	27-12-2022	23:15:00	0.61	0.00	0.00	0.00	14.67		* H/T Under voltage regulation Vide SR:3268 Voltage Open 393/396KV.
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	26-12-2022	07:16:00	26-12-2022	23:31:00	0.68	0.00	0.00	0.00	16.25		* H/T Under Voltage regulation Vide SR:3141 Voltage Open:390/393KV.
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	25-12-2022	09:59:26	25-12-2022	19:00:00	0.38	0.00	0.00	0.00	9.01		* H/T Under Voltage regulation Vide SR:3061 Voltage Open:393/396KV.
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	24-12-2022	10:18:00	24-12-2022	18:55:00	0.36	0.00	0.00	0.00	8.62		* H/T under voltage regulation vide SR-2925 Bus voltages(open):390/392kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	07-12-2022	08:34:00	07-12-2022	20:53:00	0.51	0.00	0.00	0.00	12.32		* H/T under voltage regulation vide SR-703. Bus Voltages(open):401/402kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	10-12-2022	09:20:00	11-12-2022	21:40:00	1.51	0.00	0.00	0.00	36.33		* H/T under voltage regulation vide SR-10(manual Code) Bus Voltage open: 387/391kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	09-12-2022	07:32:00	09-12-2022	20:45:00	0.55	0.00	0.00	0.00	13.22		* H/T under voltage regulation vide SR-971.* Bus Voltages:395/398kV.
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	20-12-2022	07:22:00	20-12-2022	17:32:00	0.42	0.00	0.00	0.00	10.17		* H/T Under voltage regulation Vide SR-2242* Bus Voltage:393/395KV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	19-12-2022	08:17:00	19-12-2022	21:42:00	0.56	0.00	0.00	0.00	13.42		* H/T under Voltage regulation vide SR-2103* Bus voltage:Open-398/401KV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	21-12-2022	09:30:00	21-12-2022	21:22:00	0.49	0.00	0.00	0.00	11.87		* H/T under voltage regulation vide SR-2448 MBD: 393KV/396KV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	30-12-2022	09:10:00	30-12-2022	19:14:00	0.42	0.00	0.00	0.00	10.07		* H/T under voltage regulation vide SRLDC code: SR-3750. Bus Voltage Before/After: 389/393KV.
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	31-12-2022	07:58:00	31-12-2022	16:41:00	0.36	0.00	0.00	0.00	8.72		* H/T under voltage regulation vide SR-3910. Bus Voltages(open):399/404kV

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BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	17-12-2022	09:43:00	18-12-2022	01:49:00	0.67	0.00	0.00	0.00	16.10		* H/T under voltage regulation vide SR-1939.* Bus Voltage(open): 392/395kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	04-12-2022	10:02:00	04-12-2022	20:56:00	0.45	0.00	0.00	0.00	10.90		* H/T under Voltage regulation Vide SR-343* Bus Voltage:Open-390/393KV.
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	05-12-2022	08:21:00	05-12-2022	20:41:00	0.51	0.00	0.00	0.00	12.33		* H/T under voltage Regulation vide SRLDC code: SR-408. Bus Voltage:409/405kV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	03-12-2022	10:06:00	03-12-2022	22:07:00	0.50	0.00	0.00	0.00	12.02		* H/T under Voltage regulation vide SR-246* Bus voltage:Open-390/395KV
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	14-12-2022	09:17:00	14-12-2022	22:19:00	0.54	0.00	0.00	0.00	13.03		* H/T under voltage regulation vide SRLDC code:SR-1493. Bus Voltage Before/After: 403/406kV.
BSR	63MVAR,BUS REACTOR-1 AT MUNIRABAD	SVRD	08-12-2022	09:44:00	08-12-2022	22:18:00	0.52	0.00	0.00	0.00	12.57		* H/T for AMP works vide SR-848. Bus Voltages(open):393/402kV* 10.12.2022 19:18:11 INDIA M Narasimha Chary (60031135)* H/T Under voltage regulation vide SR-848* Bus voltage:393/402KV
							14.01	0.00	0.00	0.00	337.00	100.00	
BSR	50MVAR,SWLR OF THIRUVALM-1 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	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	SVRD	01-12-2022	00:00:01	31-12-2022	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
							31.00	0.00	0.00	0.00	744.00	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	

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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	19-12-2022	10:10:00	19-12-2022	19:58:00	0.41	0.00	0.00	0.00	9.80		* H/T under Voltage regulation vide SR-2134,NL-3059* Bus Voltage:Open-748/756KV
BSR	240MVAR,BUS REACTOR AT NIZAMABAD	SVRD	27-12-2022	10:50:00	27-12-2022	19:35:00	0.37	0.00	0.00	0.00	8.75		* H/T under voltage regulation vide SR-3290,NL-4612* Bus voltage:Open-771/773KV
BSR	240MVAR,BUS REACTOR AT NIZAMABAD	SVRD	20-12-2022	16:11:00	20-12-2022	17:24:00	0.05	0.00	0.00	0.00	1.22		* H/T Under voltage regulation vide SR 2324 NL 3336 Voltages: Open: 751kv/761kv Voltages: Close: 782kv/772kv
BSR	240MVAR,BUS REACTOR AT NIZAMABAD	SVRD	29-12-2022	06:59:00	29-12-2022	19:59:00	0.54	0.00	0.00	0.00	13.00		* H/T Under voltage regulation vide SR-3542, NL-4940 Bus voltages open: 723/743kv
BSR	240MVAR,BUS REACTOR AT NIZAMABAD	SVRD	30-12-2022	06:35:00	30-12-2022	17:41:00	0.46	0.00	0.00	0.00	11.10		* H/T under Voltage regulation vide SR-3715,NL-5140 Bus voltage:Open-748/760KV
							1.83	0.00	0.00	0.00	43.87	100.00	
BSR	240MVAR,BUS REACTOR-1 AT RAICHUR	SVRD	08-12-2022	10:19:00	08-12-2022	22:23:00	0.50	0.00	0.00	0.00	12.07		* H/T under voltage regulation vide SR-865,NL-1136. Bus Voltages:746/751kV
BSR	240MVAR,BUS REACTOR-1 AT RAICHUR	SVRD	28-12-2022	09:22:00	28-12-2022	20:30:00	0.46	0.00	0.00	0.00	11.13		* H/T under Voltage regulation vide SR-3422,NL-4780* Bus Voltage:Open-755/761KV
BSR	240MVAR,BUS REACTOR-1 AT RAICHUR	SVRD	26-12-2022	10:49:08	26-12-2022	23:37:00	0.53	0.00	0.00	0.00	12.80		* H/T Under Voltage regulation Vide SR:3151,NL:4351 Voltage open:754/758KV.

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BSR	240MVAR,BUS REACTOR-1 AT RAICHUR	SVRD	23-12-2022	10:16:00	23-12-2022	18:16:00	0.33	0.00	0.00	0.00	8.00		* H/T under voltage regulation vide SR-2758,NL-3885. Bus Voltage:757/764kV
BSR	240MVAR,BUS REACTOR-1 AT RAICHUR	SVRD	27-12-2022	10:31:00	27-12-2022	23:13:00	0.53	0.00	0.00	0.00	12.70		* H/T under voltage regulation vide SR-3287,NL-4608* Bus Voltage:Open-759/765KV
BSR	240MVAR,BUS REACTOR-1 AT RAICHUR	SVRD	21-12-2022	10:01:00	21-12-2022	21:18:00	0.47	0.00	0.00	0.00	11.28		* H/T under voltage regulation vide SR-2455, NL-3516 RCR: 760KV/767KV (Open)
							2.82	0.00	0.00	0.00	67.98	100.00	
BSR	240MVAR,BUS REACTOR-2 AT RAICHUR	SVRD	30-12-2022	09:50:00	30-12-2022	17:23:00	0.32	0.00	0.00	0.00	7.55		* H/T under voltage regulation vide code SR-3755 and NL-5181. Bus Voltage 761/767 kV.
							0.32	0.00	0.00	0.00	7.55	100.00	
BSR	330MVAR,BUS REACTOR AT SRIKAKULAM	SVRD	30-12-2022	06:22:00	30-12-2022	20:22:00	0.58	0.00	0.00	0.00	14.00		* H/T under Voltage Regulation vide SR-3711,NL-5134 Bus Voltage:Open-737/751KV
							0.58	0.00	0.00	0.00	14.00	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	

**Standard of Performance data for the month of Dec-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	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	01-12-2022	00:00:01	31-12-2022	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	LART	02-12-2022	08:49:00	02-12-2022	08:49:00	0.00	0.00	0.00	0.00	0.00		* A/R Operated successfully on Y-N fault at both ends Fault details: VMG END:FD-80.182,FC-4.014kA(AFAS Double End); GWK END:FD-85.271kM= ,FC-3.846kA(AFAS Double End) M1:92.5kM, FC:3.33kA M2: 93.5kM, FC-3.787kA
CKT	400kV GAJUWAKA-VEMAGIRI	LART	15-12-2022	12:53:00	15-12-2022	12:53:00	0.00	0.00	0.00	0.00	0.00		* Line A/R Successful on Y-G fault Fault details: GWK END: M1- FD:43KM= ,FC:5.9kA; M2- FD:42.2KM,FC:7kA VMG END: M2-118.7KM,FC-3.27kA
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV GAZWEL(TSTRANSCO)-HYDERABAD-1	OMSU	31-12-2022	02:31:00	31-12-2022	02:51:00	0.01	0.00	0.33	0.00	0.00		* A/R operated successfully on R-N fault at Hyderabad end and tripped at Gajwel end(TSTRANSCO SS) Fault details:HYD end (AFAS) M1:6.901km/18.097 kA Gajwel end: M1:84% /6.043kA M2:63kM/4.88kA Line synchronised at Gajwel end vide SR3873



## Standard of Performance data for the month of Dec-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
CKT	400kV GAZWEL(TSTRANSCO)-HYDERABAD-1	LART	27-12-2022	23:00:00	27-12-2022	23:00:00	0.00	0.00	0.00	0.00	0.00		* AR Successful on R-G Fault on both ends Fault Details: Hyd M1: FC:14.82kA, FD: 9.777kM, GWL M1: FC: 5.065kA, FD:57.855kM
							0.01	0.00	0.33	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	LART	10-12-2022	03:25:00	10-12-2022	03:25:00	0.00	0.00	0.00	0.00	0.00		* A/R operated successfully on Y-N fault. Fault Details: HYD-FD:40.898KM= ,FC:8.794KA MHW-FD:15.201KM,FC:16.737KA
							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	OSPT	02-12-2022	14:48:00	02-12-2022	17:43:00	0.12	2.92	0.00	0.00	0.00		* Emergency Shutdown availed by M/S Odisha projects for attending hotspot at Jeypore SS vide SR-160,NL-233,ER-123,* Closing Code:SR-176,NL-256,ER-141

**Standard of Performance data for the month of Dec-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
CKT	400kV JEYPORE-GAJUWAKA-2	OSPT	27-12-2022	08:41:00	27-12-2022	18:01:00	0.39	9.33	0.00	0.00	0.00		* H/T for AMP works Vide SR:3267,NL:4552,ER:2423 shutdown availed by M/S Odisha(Jeypore end)
CKT	400kV JEYPORE-GAJUWAKA-2	OSPT	12-12-2022	14:42:00	12-12-2022	17:56:00	0.14	3.23	0.00	0.00	0.00		* H/T , for attending critical hotspot of Line Isolator(R-Ph) under emergency basis, vide codes: SR-1265,NL-1804 <(>&<)>amp; ER-988.Line taken into service vide codes: SR-1277,NL-1836,ER-1006.
							0.65	15.48	0.00	0.00	0.00	97.92	
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	LEFT	19-12-2022	06:18:00	19-12-2022	13:43:00	0.31	7.42	0.00	0.00	0.00		* Line tripped on R-N fault,AR attempted both ends and tripped due to persistent of Fault Fault Details(AFAS): NPK END-M1:FD-18.283KM,= FC-10.513KA; M2:FD-18.552KM,FC-10.445KA; KDP END-M1:FD-58.33KM,FC-6.445KA; M2:FD-57.09KM,FC-6.475KA
							0.31	7.42	0.00	0.00	0.00	99.00	
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			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-VIJAYWADA			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 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	

**Standard of Performance data for the month of Dec-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
CKT	400kV NPKUNTA-HINDUPUR(APTRANSCO)-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 NPKUNTA-HINDUPUR(APTRANSCO)-2	LVRD	23-12-2022	20:44:00	24-12-2022	06:00:00	0.39	0.00	0.00	0.00	9.27		* H/T under voltage regulation vide SR-2856 Bus voltages open: 422/420kV
CKT	400kV NPKUNTA-HINDUPUR(APTRANSCO)-2	LVRD	22-12-2022	22:00:00	23-12-2022	06:33:00	0.36	0.00	0.00	0.00	8.55		* H/T under Voltage Regulation vide SR-2677* Bus Voltage:Open:NPK-420KV,HDP-422KV
CKT	400kV NPKUNTA-HINDUPUR(APTRANSCO)-2	LVRD	15-12-2022	20:41:00	16-12-2022	07:23:00	0.45	0.00	0.00	0.00	10.70		* H/T under voltage regulation vide SR-1723. Bus Voltage (open): 419/418kV
							1.20	0.00	0.00	0.00	28.52	100.00	
CKT	400kV NANNOOR(APTRANSCO)-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 NANNOOR(APTRANSCO)-KURNOOL-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 NANNOOR(APTRANSCO)-KURNOOL-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 NANNOOR(APTRANSCO)-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	
CKT	400kV MAHABOBNAGAR(TSTRANSCO)-RAICHUR	OSPD	29-12-2022	07:32:00	30-12-2022	15:38:00	1.34	0.00	0.00	0.00	32.10		* H/T vide code SR-3538, OCC planned SD availed by M/s TSTRANSCO for line stringing works.
							1.34	0.00	0.00	0.00	32.10	100.00	
CKT	400kV MEENAKSHI(MEPL)-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	

## Standard of Performance data for the month of Dec-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
CKT	400kV MALKARAM(TSTRANSCO)-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 NELLORE-SRIPERUMBUDUR-1	LEFT	25-12-2022	10:09:12	25-12-2022	21:46:00	0.48	11.61	0.00	0.00	0.00		* AR Unsuccessful R-G fault. Fault details NLR relay M1:106.64KM 3.05KA M2:108.3KM 2.981KM; SPRD M2:86.157KM 4.149KA
							0.48	11.61	0.00	0.00	0.00	98.44	
CKT	400kV NELLORE-SRIPERUMBUDUR-2	LVRD	10-12-2022	03:29:00	17-12-2022	19:45:00	7.68	0.00	0.00	0.00	184.27		* Line kept under LVRD vide SR-1075
CKT	400kV NELLORE-SRIPERUMBUDUR-2	GOVC	10-12-2022	03:24:00	10-12-2022	03:29:00	0.00	0.00	0.00	0.08	0.00		* Line tripped due to overvoltage protection operation at Sriperumbadur end.
							7.68	0.00	0.00	0.08	184.27	100.00	
CKT	400kV NELLORE-TIRUVALAM-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 NELLORE-TIRUVALAM-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 NELLORE PS-NCC(SEIL)-1	LART	17-12-2022	02:48:00	17-12-2022	02:48:00	0.00	0.00	0.00	0.00	0.00		* Line autoreclosed successfully on R-N fault. NPS End: M1: 13.6KM, 14.9KA <(>&<)> M2: 11.7KM, 14.8KA
							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		
							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		
							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		
							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		
							0.00	0.00	0.00	0.00	0.00	100.00	

## Standard of Performance data for the month of Dec-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
CKT	400kV NELLORE PS-TPCIL-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 NAGARJUNASAGAR-KADAPA-1	OSPT	05-12-2022	07:50:00	05-12-2022	19:13:00	0.47	11.38	0.00	0.00	0.00		* H/T for AMP works vide SRLDC code: SR-393.
							0.47	11.38	0.00	0.00	0.00	98.47	
CKT	400kV NAGARJUNASAGAR-KADAPA-2	LVRD	15-12-2022	20:37:00	16-12-2022	07:17:00	0.44	0.00	0.00	0.00	10.67		* H/T under voltage regulation vide SR-1724 Bus voltage(open): KDP-418/418kV; NSR-423/423kV
							0.44	0.00	0.00	0.00	10.67	100.00	
CKT	400kV NAGARJUNASAGAR-KURNOOL	LART	26-12-2022	22:13:00	26-12-2022	22:13:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successful on R-G fault. Fault Details(AFAS Double END): Nsagar END:FD:151.326KM,FC:2.658KA; Kurnool END:FD:113.627KM,FC:3.398KA
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV N'SAGAR-MAHABOBNAGAR(TSTRANSCO)	LVRD	01-12-2022	00:10:00	29-12-2022	06:39:00	28.27	0.00	0.00	0.00	678.48		* H/T under voltage regulation vide SR-01* Bus Voltage:Open-426/425KV
							28.27	0.00	0.00	0.00	678.48	100.00	
CKT	400kV NIZAMABAD-DICHPALLE(TSTRANSCO)-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 NIZAMABAD-DICHPALLE(TSTRANSCO)-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 RTPS(KPTCL)-MUNIRABAD	LART	03-12-2022	03:38:00	03-12-2022	03:38:00	0.00	0.00	0.00	0.00	0.00		* Line AR successful at both ends on B-G Fault. Fault Details: (MBD END)-M1:FD-123.006KM,FC-2.298KA; M2:FD-120.845KM,FC-2.374KA
CKT	400kV RTPS(KPTCL)-MUNIRABAD	LART	23-12-2022	23:04:00	23-12-2022	23:04:00	0.00	0.00	0.00	0.00	0.00		* A/R Successfully operated on B Phase to Ground Fault FC: 2.340 kA (M1); 2.414 kA(M2); FD:117.614km (M1); 119.873km(M2)



## Standard of Performance data for the month of Dec-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
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAICHUR- GOOTY-1	OSPT	18-12-2022	11:31:00	18-12-2022	13:50:00	0.10	2.32	0.00	0.00	0.00		* Emergency S/D Availed vide SR-2055 for replacement of decapped insulator at Location No. 65
CKT	400kV RAICHUR- GOOTY-1	LART	17-12-2022	19:52:00	17-12-2022	19:52:00	0.00	0.00	0.00	0.00	0.00		* A/R operated successfully on B-N Fault at both ends* Fault Details:AFAS(Double end):RCR end:FD-2.873KM,FC-22.90KA, * GTY End:FD-125.82KM,FC-2.919KA,
CKT	400kV RAICHUR- GOOTY-1	OSPT	05-12-2022	08:26:00	05-12-2022	21:58:00	0.56	13.53	0.00	0.00	0.00		* H/T for AMP works vide SRLDc code: SR-409.
CKT	400kV RAICHUR- GOOTY-1	LVRD	05-12-2022	21:58:00	06-12-2022	07:14:00	0.39	0.00	0.00	0.00	9.27		* Line kept under Voltage regulation as per SRLDC Instructions Vide SR-504 Bus Voltage:GTY-422KV,RCN-417KV
							1.05	15.85	0.00	0.00	9.27	97.87	
CKT	400kV RAICHUR- GOOTY-2	GOVC	26-12-2022	00:02:00	26-12-2022	00:07:00	0.00	0.00	0.00	0.08	0.00		* Line tripped on overvoltage at Raichur end and DT received at Gooty end.
CKT	400kV RAICHUR- GOOTY-2	OSPT	06-12-2022	08:46:00	06-12-2022	19:31:00	0.45	10.75	0.00	0.00	0.00		* Feeder H/T for AMP works, vide SRLDc code:SR-537.
CKT	400kV RAICHUR- GOOTY-2	LVRD	26-12-2022	00:07:00	26-12-2022	07:36:00	0.31	0.00	0.00	0.00	7.48		* Line is kept under voltage regulation vide SR-3114
							0.76	10.75	0.00	0.08	7.48	98.55	
CKT	400kV RAICHUR- RTPS(KPTCL)-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 RAICHUR- RTPS(KPTCL)-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 SIMHAPURI(SEPL)- 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	
CKT	400kV SIMHADRI(NTPC)- GAJUWAKA-1	OSPD	23-12-2022	09:16:00	23-12-2022	17:08:00	0.33	0.00	0.00	0.00	7.87		* S/D availed by M/s NTPC, Simhadri vide SR-2722
							0.33	0.00	0.00	0.00	7.87	100.00	
CKT	400kV SIMHADRI(NTPC)- GAJUWAKA-2	OSPD	24-12-2022	11:55:00	24-12-2022	18:15:00	0.26	0.00	0.00	0.00	6.33		* H/T vide SR-2935. E/S availed by Simhadri
							0.26	0.00	0.00	0.00	6.33	100.00	

## Standard of Performance data for the month of Dec-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
CKT	400kV SIMHADRI(NTPC)-VEMAGIRI-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 SIMHADRI(NTPC)-VEMAGIRI-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 VIJAYAWADA-NELLORE-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 VIJAYAWADA-NELLORE-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 VIJAYAWADA-NELLORE(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 VIJAYAWADA-VEMAGIRI-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 VIJAYAWADA-VEMAGIRI-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 VIJAYAWADA-VEMAGIRI-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 VEMAGIRI-VEMAGIRI(APTRANSCO)-1	OSPD	14-12-2022	09:46:00	14-12-2022	17:18:00	0.31	0.00	0.00	0.00	7.53		* Hand Tripped as per OCC SD, availed by M/s APTRANSCO.
							0.31	0.00	0.00	0.00	7.53	100.00	
CKT	400kV VEMAGIRI-VEMAGIRI(APTRANSCO)-2	OSPD	21-12-2022	09:52:00	21-12-2022	19:12:00	0.39	0.00	0.00	0.00	9.33		* S/D availed by APTransco vide SR-2453
							0.39	0.00	0.00	0.00	9.33	100.00	
CKT	400kV VTPS(APGENCO)-NELLORE(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 WARANGAL-KHAMMAM	LVRD	20-12-2022	22:44:00	22-12-2022	07:54:00	1.38	0.00	0.00	0.00	33.17		* Line kept under Voltage regulation after AMP Works Bus Voltage: WGL: 424kV, Khm: 429kV
CKT	400kV WARANGAL-KHAMMAM	OSPT	20-12-2022	08:30:00	20-12-2022	22:43:00	0.59	14.22	0.00	0.00	0.00		* H/T for AMP works vide SR-2247
							1.97	14.22	0.00	0.00	33.17	98.09	



## Standard of Performance data for the month of Dec-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
CKT	765kV ANGUL-SRIKAKULAM-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	765kV ANGUL-SRIKAKULAM-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	765kV KADAPA-TIRUVALEM-1	LVRD	21-12-2022	23:58:00	31-12-2022	23:59:59	10.00	0.00	0.00	0.00	240.03		* H/T under Voltage regulation Vide SR-2539,NL-3628* Bus Voltage:Open-809/800KV
CKT	765kV KADAPA-TIRUVALEM-1	LVRD	21-12-2022	23:58:00	31-12-2022	23:59:59	10.00	0.00	0.00	0.00	240.03		* H/T Under Voltage regulation Vide SR:2539;NL:3628.Voltage Open:809/800KV.
							20.00	0.00	0.00	0.00	480.06	100.00	
CKT	765kV KADAPA-TIRUVALEM-2	LVRD	04-12-2022	20:49:00	06-12-2022	14:28:00	1.74	0.00	0.00	0.00	41.65		* H/T under voltage regulation vide SR-375, NL-551 Voltage: 801KV/792KV (Open)
CKT	765kV KADAPA-TIRUVALEM-2	LVRD	09-12-2022	20:43:00	19-12-2022	13:55:00	9.72	0.00	0.00	0.00	233.20		* H/T under Voltage regulation vide SR-1054,NL-1410* Bus voltage:Open-802/793KV
							11.46	0.00	0.00	0.00	274.85	100.00	
CKT	765kV KURNOOL-KADAPA-1	LVRD	01-12-2022	00:00:01	02-12-2022	09:39:00	1.40	0.00	0.00	0.00	33.65		* H/T under voltage regulation vide SR-2750,NL-3754* Bus Voltage:Open:KDP-804/796kV,KNL-790/778kV
							1.40	0.00	0.00	0.00	33.65	100.00	
CKT	765kV KURNOOL-KADAPA-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	765kV RAICHUR-KURNOOL-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	765kV RAICHUR-KURNOOL-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	765kV KURNOOL-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	

## Standard of Performance data for the month of Dec-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
CKT	765kV KURNOOL-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	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	28-12-2022	20:54:00	29-12-2022	05:35:00	0.36	0.00	0.00	0.00	8.68		* H/T under voltage regulation vide codes SR-3527 and NL-4905. Bus Voltage Open-@NzM 802/798/790KV and @MHW 800/794/779KV.
CKT	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	31-12-2022	18:23:00	31-12-2022	23:59:59	0.23	0.00	0.00	0.00	5.62		* H/T Under voltage regulation vide SR-4001, NL-5423 Bus Voltages open NZB: 805/801/792kV, MHW: 802/800/785kV
CKT	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	16-12-2022	22:52:00	17-12-2022	07:45:00	0.37	0.00	0.00	0.00	8.88		* H/T under voltage regulation vide codes SR-2890 <-&<-> NL-2663. Bus Voltage @NzM 808/805kV, @MHW 800/796kV.
CKT	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	30-12-2022	20:35:00	31-12-2022	06:18:00	0.41	0.00	0.00	0.00	9.72		* H/T under voltage regulation vide SR-3864, NL-5282* Bus voltage: Open: NZB-807/793KV, MHW-803/783KV
CKT	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	13-12-2022	21:16:00	14-12-2022	07:29:00	0.43	0.00	0.00	0.00	10.22		* H/T Under Voltage regulation Vide SR:1445, NL:2068, Voltage MHW:799/794/781KV; NZB:808/803/794KV.
CKT	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	01-12-2022	00:00:01	31-12-2022	23:59:59	31.00	0.00	0.00	0.00	744.00		* H/T under voltage regulation vide SR-1691, NL-2138. BUS VOLTAGES: NZB END-811/807kV; MHW END-799/792kV
CKT	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	02-12-2022	19:40:00	06-12-2022	07:38:00	3.50	0.00	0.00	0.00	83.97		* H/T under Voltage regulation vide SR-204, NL-277* Bus voltage: Open-MHW-800/787KV, NZB-809/798KV

## Standard of Performance data for the month of Dec-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
CKT	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	01-12-2022	00:00:01	02-12-2022	07:49:00	1.33	0.00	0.00	0.00	31.82		* H/T under voltage regulation vide SR-2864,NL-3917. Bus Voltages(open):MHW-804/797kV; NZB:809/799kV
CKT	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	17-12-2022	19:43:00	18-12-2022	07:23:00	0.49	0.00	0.00	0.00	11.67		* H/T under Voltage regulation vide SR-1999,NL-2814* Bus Voltage:Open:MHW-796/781KV,NZB-803/790KV
CKT	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	23-12-2022	20:13:00	26-12-2022	07:27:00	2.47	0.00	0.00	0.00	59.23		* H/T under voltage regulation vide SR-2850, NL-3976 Bus Voltages open: NZB: 814/810/801kV MHW: 809/802/798kV
CKT	765kV NIZAMABAD-MAHESHWARAM-1	LVRD	21-12-2022	20:07:00	22-12-2022	06:01:00	0.41	0.00	0.00	0.00	9.90		* H/T under voltage regulation vide SR-2532,NL-3595 Bus Voltage:Open:NZB-814/802kV,MHW-809/794kV
							41.00	0.00	0.00	0.00	983.71	100.00	
CKT	765kV NIZAMABAD-MAHESHWARAM-2	LVRD	22-12-2022	22:01:00	23-12-2022	07:28:00	0.39	0.00	0.00	0.00	9.45		* H/T under Voltage regulation vide SR-2679,NL-3817* Bus Voltage:Open:MHW-806/788KV,NZB-813/800KV
CKT	765kV NIZAMABAD-MAHESHWARAM-2	LVRD	29-12-2022	20:48:00	30-12-2022	05:50:00	0.38	0.00	0.00	0.00	9.03		* H/T under Voltage regulation vide SR-3693,NL-5094* Bus Voltage:Open:NZB-805/790KV,MHW-803/779KV
CKT	765kV NIZAMABAD-MAHESHWARAM-2	LVRD	18-12-2022	19:14:00	21-12-2022	06:45:00	2.48	0.00	0.00	0.00	59.52		* H/T under Voltage regulation vide SR-2078,NL-2951* Bus Voltage:Open:NZB-804/782KV,MHW-802/779KV

## Standard of Performance data for the month of Dec-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
CKT	765kV NIZAMABAD-MAHESHWARAM-2	LVRD	27-12-2022	19:28:00	28-12-2022	06:39:00	0.47	0.00	0.00	0.00	11.18		* Taken out of service under voltage regulation vide codes SR-3347 and NL-4688. Bus Voltage Before/After @ MHW: 800/783kV and @NZM:801/793kV.
CKT	765kV NIZAMABAD-MAHESHWARAM-2	LVRD	26-12-2022	20:16:00	27-12-2022	07:09:00	0.45	0.00	0.00	0.00	10.88		* H/T under voltage regulation vide SR-3219,NL-4489* Bus Voltage:Open:MHW-800/785KV,NZB-806797KV
CKT	765kV NIZAMABAD-MAHESHWARAM-2	LVRD	12-12-2022	21:15:00	13-12-2022	08:00:00	0.45	0.00	0.00	0.00	10.75		* H/T under voltage regulation vide SR-1299,NL-1867.* Bus Voltage:Open:NZB-811/802kV,MHW-803/786kV
CKT	765kV NIZAMABAD-MAHESHWARAM-2	LVRD	14-12-2022	21:12:00	15-12-2022	07:09:00	0.42	0.00	0.00	0.00	9.95		* H/T under Voltage Regulation vide SR-1575,NL-2275* Bus Voltage:Open:NZB-813/800KV,MHW-804/786KV
CKT	765kV NIZAMABAD-MAHESHWARAM-2	LVRD	15-12-2022	22:46:00	16-12-2022	07:31:00	0.37	0.00	0.00	0.00	8.75		* H/T under voltage regulation, vide codes, SR-1732 and NL-2495.Bus Voltage(open): @NZM-803/801kV, @MHW-799/795kV. Bus Voltages(close): NZM-736/757kV,MHW-718/755kV
CKT	765kV NIZAMABAD-MAHESHWARAM-2	LVRD	06-12-2022	20:33:00	12-12-2022	07:14:00	5.45	0.00	0.00	0.00	130.68		* H/T under voltage regulation vide SR-658,NL-877. Bus Voltages (open):MHW-801/797/786kV; NZB-807/800/797kV
							10.86	0.00	0.00	0.00	260.19	100.00	
CKT	765kV NIZAMABAD-WARDHA-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	

## Standard of Performance data for the month of Dec-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
CKT	765kV NIZAMABAD-WARDHA-2	OSPT	03-12-2022	10:24:00	03-12-2022	19:13:00	0.37	8.82	0.00	0.00	0.00		* Emergency Shutdown availed by WR-1 Vide SR-241,NL-350,WR-337* 03.12.2022 19:20:32 INDIA Chintha Amarnath (60003450)* Taken into service Vide SR-309,NL-423,WR-413
							0.37	8.82	0.00	0.00	0.00	98.81	
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	

## Standard of Performance data for the month of Dec-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
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	SRMU	05-12-2022	21:40:00	06-12-2022	00:58:00	0.14	0.00	3.30	0.00	0.00		* Tripped on R-PH Buchholz Maloperation due to cable failure at Nizamabad SS Closing Code:SR-509,NL-726
							0.14	0.00	3.30	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	



## Standard of Performance data for the month of Dec-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
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 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-2 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	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			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 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	OSPT	08-12-2022	09:12:00	08-12-2022	21:33:00	0.52	12.35	0.00	0.00	0.00		* H/T for AMP works vide SR-844
							0.52	12.35	0.00	0.00	0.00	98.34	
XMER	1500MVA,765/400kV ICT-1 AT KADAPA GIS	SPRD	07-12-2022	08:42:00	07-12-2022	08:42:00	0.00	0.00	0.00	0.00	0.00		* H/T for AMP works vide SR-708* 07.12.2022 19:52:33 INDIA Chintha Amarnath (60003450)* Worngly entered.
							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	OSPT	07-12-2022	08:42:00	07-12-2022	18:49:00	0.42	10.12	0.00	0.00	0.00		* H/T for AMP works vide SR-708.
							0.42	10.12	0.00	0.00	0.00	98.64	
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	



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**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
XMER	315MVA,400/220kV ICT-1 AT KHAMMAM	OSPD	06-12-2022	10:24:00	06-12-2022	21:06:00	0.45	0.00	0.00	0.00	10.70		* S/D availed by M/S TSTRANSCO for attending hotspot vide SR-568* Closing Code:SR-662
							0.45	0.00	0.00	0.00	10.70	100.00	
XMER	315MVA,400/220kV ICT-2 AT KHAMMAM			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 KHAMMAM			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 KURNOOL	OSPT	06-12-2022	08:36:00	07-12-2022	01:25:00	0.70	16.82	0.00	0.00	0.00		* H/T vide codes SR-532/NL-759, for AMP works.
							0.70	16.82	0.00	0.00	0.00	97.74	
XMER	1500MVA,765/400kV ICT-2 AT KURNOOL	OSPT	08-12-2022	08:12:00	08-12-2022	19:52:00	0.49	11.67	0.00	0.00	0.00		* H/T for AMP works vide SR-829,NL-1100
							0.49	11.67	0.00	0.00	0.00	98.43	
XMER	1500MVA,765/400kV ICT-1 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	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	OSPT	01-12-2022	08:40:00	01-12-2022	19:33:00	0.45	10.88	0.00	0.00	0.00		* H/T for AMP works vide SR-20 Closing Code:SR-78
XMER	315MVA,400/220kV ICT-1 AT MUNIRABAD	SPRD	07-12-2022	16:28:00	08-12-2022	09:54:00	0.73	0.00	0.00	0.00	17.43		* H/T 220kV side 201 breaker on power regulation vide SR-760
							1.18	10.88	0.00	0.00	17.43	98.54	
XMER	315MVA,400/220kV ICT-2 AT MUNIRABAD	SPRD	07-12-2022	16:31:00	08-12-2022	09:55:00	0.73	0.00	0.00	0.00	17.40		* H/T 220kV side 202 Breaker on Power regulation Vide SR-761
							0.73	0.00	0.00	0.00	17.40	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			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	

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**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
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			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	OSPT	01-12-2022	00:00:01	03-12-2022	22:57:00	2.96	70.95	0.00	0.00	0.00		* H/T for replacement of R<(>&<)>Y-Ph HV Bushing replacement vide SR-2878
							2.96	70.95	0.00	0.00	0.00	90.46	
XMER	315MVA,400/220kV ICT-3 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	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			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 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	

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

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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			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	OSPT	06-12-2022	08:46:00	06-12-2022	17:02:00	0.34	8.27	0.00	0.00	0.00		* H/T for AMP works, vide SRLDC code: SR-536.
							0.34	8.27	0.00	0.00	0.00	98.89	
XMER	500MVA,400/220kV ICT-3 AT WARANGAL	OSPT	14-12-2022	08:01:00	14-12-2022	20:17:00	0.51	12.27	0.00	0.00	0.00		* H/T for AMP works vide SRLDC code: SR-1470.
							0.51	12.27	0.00	0.00	0.00	98.35	
							294.83	248.86	3.63	0.16	6,823.24		