

Standard of Performance data for the month of Nov - 2021

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

Sl.No	Element Name	Description (Length/Nos. /MVA/MVar/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		Details of Outage		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Restoration Time as per Regulation 5(b) (2)	Whether Restoration Time more than normative (Y/N)	Difference between Actual and Norm 1-2	Detailed Reason(s) for Outage	% Availability as certified by certifying agency	
					Date	Time	Date	Time	No. of towers damaged	No. of insulator failed		ISTS Licensee	OTHERS	System Constraints / Natural calamity / Militancy	Deemed Available						
1.00	EDAPPON - EDAMON	58.56	SR-II	--																100.00	
					Sub Total -->								0.00	0.00	0.00	0.00					
2.00	KAYAMKULAM - EDAPPON	19.76	SR-II	--																100.00	
					Sub Total -->								0.00	0.00	0.00	0.00					
3.00	KAYAMKULAM - KUNDRA	41.00	SR-II																	100.00	
					Sub Total -->								0.00	0.00	0.00	0.00					
4.00	KAYAMKULAM - POLLAM - II	47.00	SR-II	--																100.00	
					Sub Total -->								0.00	0.00	0.00	0.00					
5.00	KAYAMKULAM - PUNNAPRA - I	12.48	SR-II																	100.00	
					Sub Total -->								0.00	0.00	0.00	0.00					
6.00	KUNDRA - EDAMON	37.00	SR-II																	100.00	
					Sub Total -->								0.00	0.00	0.00	0.00					
7.00	PUNNAPRA - POLLAM - I	34.18	SR-II	--																100.00	
					Sub Total -->								0.00	0.00	0.00	0.00					
8.00	ALAMATHY - THIRUVALAM TN - I	40.97	SR-II																	100.00	
					Sub Total -->								0.00	0.00	0.00	0.00					
9.00	ALAMATHY - THIRUVALAM TN - II	40.97	SR-II	--																100.00	
					Sub Total -->								0.00	0.00	0.00	0.00					
10.00	ALAMATHY - VALLUR - I	36.35	SR-II																	100.00	
					Sub Total -->								0.00	0.00	0.00	0.00					
11.00	ALAMATHY - VALLUR - II	36.35	SR-II																	100.00	
					Sub Total -->								0.00	0.00	0.00	0.00					
12.00	ARASUR-UDUMALPET-I	65.12	SR-II	--	44516.00	0.40	44516.00	0.62					5.28	0.00	0.00	0.00				Shut down availed for attending jumper pad melting at loc no 84 Y-ph towards arasur side vide SRLDC code no. CR-11/1001	99.27
					Sub Total -->								5.28	0.00	0.00	0.00					
13.00	ARASUR-UDUMALPET-II	65.12	SR-II	--																100.00	
					Sub Total -->								0.00	0.00	0.00	0.00					
14.00	BANGALORE - HOSUR I	79.76	SR-II	--	44529.00	0.88	44529.00	0.96					2.07	0.00	0.00	0.00				Shut down availed for attend OPGW cable de-clamped and fallen on cross arm at Loc. NO: 46 vide SRLDC code no. CR-11/2210	99.71
					Sub Total -->								2.07	0.00	0.00	0.00					
15.00	BELLARY - PAVAGADA I	55.74	SR-II		44517.00	0.39	44517.00	0.59					0.00	0.00	0.00	4.83				Shutdown availed by KPTCL for Quaterly maintance works vide SRLDC code no. CR- 11/1120.	100.00
					44522.00	0.51	44522.00	0.87					0.00	0.00	0.00	8.57				Shut down availed for attending fault isolation in line-2 works vide SRLDC code no. CR-11/1513	
					Sub Total -->								0.00	0.00	0.00	13.40					
16.00	BELLARY - PAVAGADA II	55.74	SR-II	--	44517.00	0.54	44522.00	0.87					0.00	127.90	0.00	0.00				Tripped on R-Y ph fault due to conductor snapping at Loc. No. 86 and 87.(Fault in KPTCL portion of the line).FLR: 97.8km from from Pavagada end. Line Test charged from Pavagada end at 13:31 Hrs and tripped on 3Ph-G fault.	100.00
					Sub Total -->								0.00	127.90	0.00	0.00					
17.00	BHAVINI - ARANI I	106.45	SR-II	--	44517.00	0.45	44517.00	0.65					0.00	0.00	0.00	4.95				Emergency shutdown availed by TNEB for SEM meter replacement at Arani end vide SRLDC code no. CR-11/1133.	100.00
					Sub Total -->								0.00	0.00	0.00	4.95					

Sl.No	Element Name	Description (Length/Nos. /MVA/MVA _r / MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		Details of Outage		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Restoration Time as per Regulation 5(b) (2)	Whether Restoration Time more than normative (Y/N)	Difference between Actual and Norm 1-2	Detailed Reason(s) for Outage	% Availability as certified by certifying agency
					Date	Time	Date	Time	No. of towers damaged	No. of insulator failed		ISTS Licensee	OTHERS	System Constraints / Natural calamity / Militancy	Deemed Available					
18.00	BHAVINI - ARANI II	106.45	SR-II	--	44517.00	0.67	44517.00	0.77				0.00	0.00	0.00	2.53			Shut down availed by TNEB for replacement of SEM meter at Arani end vide SRLDC code no. CR-11/1173.	100.00	
					44517.00	0.77	44518.00	0.80			0.00	0.00	0.00	24.58			Shut down availed by TNEB for replacement of SEM meter at Arani end vide SRLDC code no. CR-11/1173.Line charging delayed by Bhavani due to earth switch opening issue at Bhavani end.			
					Sub Total -->						0.00	0.00	0.00	27.12						
19.00	BHAVINI - KANCHEEPURAM I	80.32	SR-II	--	44512.00	0.27	44512.00	0.67				9.52	0.00	0.00	0.00			Tripped on B ph-G fault due to decapping of tension insulator string at location no: 277.	98.68	
					Sub Total -->						9.52	0.00	0.00	0.00						
20.00	BHAVINI - KANCHEEPURAM II	80.32	SR-II									0.00	0.00	0.00	0.00				100.00	
21.00	BHAVINI - SIRUSERI I	36.24	SR-II	--								0.00	0.00	0.00	0.00				100.00	
22.00	BHAVINI - SIRUSERI II	36.24	SR-II	--								0.00	0.00	0.00	0.00				100.00	
23.00	BIDADI - SOMANAHALLI I	16.97	SR-II	--								0.00	0.00	0.00	0.00				100.00	
24.00	BIDADI - SOMANAHALLI II	16.97	SR-II	--								0.00	0.00	0.00	0.00				100.00	
25.00	CHITTOOR - CHENNAI	95.14	SR-II									0.00	0.00	0.00	0.00				100.00	
26.00	CHITTOOR - THIRUVALAM I	21.00	SR-II	--								0.00	0.00	0.00	0.00				100.00	
27.00	CHITTOOR - THIRUVALAM II	21.00	SR-II	--								0.00	0.00	0.00	0.00				100.00	
28.00	GOOTY - BANGALORE	301.67	SR-II		44502.00	0.64	44502.00	0.64				0.00	0.00	0.00	0.00			Auto reclosed successfully on B-N (Ph-earth) transient fault. FLR-259.7 KM from Somanahalli end.	98.07	
					44502.00	0.64	44502.00	0.64			0.00	0.00	0.00	0.00			Auto reclosed successfully on B-N (Ph-earth) transient fault. FLR-268.55 KM from Somanahalli end.			
					44504.00	0.58	44504.00	0.58			0.00	0.00	0.00	0.00			Auto reclosed successfully on B-G transient fault. FLR: 260.8 KM from Somanahalli end.			
					44522.00	0.15	44522.00	0.73			13.93	0.00	0.00	0.00			Line tripped on B-G fault FLR: 144.3 KM from Gooty end.			
					Sub Total -->						13.93	0.00	0.00	0.00						
29.00	HASSAN - MYSORE I	95.88	SR-II	--								0.00	0.00	0.00	0.00				100.00	
30.00	HASSAN - MYSORE II	95.88	SR-II	--								0.00	0.00	0.00	0.00				100.00	
31.00	HASSAN - NELAMANGALA I	74.35	SR-II		44501.00	0.00	44524.00	0.75				0.00	569.88	0.00	0.00			Tripped on R ph-G fault. FLR: 132.1 KM from Hassan end. Fault in KPTCL Portion of the line.	100.00	
					44524.00	0.75	44529.00	0.69			0.00	118.62	0.00	0.00			Test charged from Nelamangala end and synchronized at Hassan end. However line tripped again on R-G (Ph-earth) fault.FLR: 57.2 KM from Nelamangala end , 141.6 KM from Hassan end.			
					44529.00	0.70	44531.00	0.00			0.00	31.32	0.00	0.00			Line tripped on B-G fault FLR: 29.9 KM from Nelamangala end.			
					Sub Total -->						0.00	719.82	0.00	0.00						
32.00	HASSAN - TALAGUPPA I	74.35	SR-II									0.00	0.00	0.00	0.00				100.00	
33.00	HIRIYUR - MYSORE I	206.65	SR-II		44501.00	0.00	44501.00	0.44				0.00	0.00	0.00	10.63			Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 10/2598 (426KV-421KV) CR-11/21 (411-411) kV Mysore SS.	99.15	
					44512.00	0.01	44520.00	0.73			0.00	0.00	0.00	209.27			Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/717(428 -423 kV).CR-11/1412(408-410).@Mysore.			
					44520.00	0.47	44520.00	0.73			6.12	0.00	0.00	0.00			Line test charge from Hiriur SS line tripped on R-G fault.due to defective insulator (CLR) at Loc No: 268.			

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					Date	Time	Date	Time	No. of towers damaged	No. of insulator failed		ISTS Licensee	OTHERS	System Constraints / Natural calamity / Militancy	Deemed Available					
					44520.00	0.96	44525.00	0.54				0.00	0.00	0.00	109.98				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/1437(421 -418 kV).CR-11/1834 (411-414)KV@Mysore.	
					44528.00	0.96	44531.00	0.00				0.00	0.00	0.00	48.93				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/2148 (425 - 420 kV) at Mysore SS.	
					Sub Total -->							6.12	0.00	0.00	378.81					
34.00	HOODY - YELAHANKA I (DEVANAHALLI - YELAHANKA)	66.10	SR-II					--	--	--										100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
35.00	HOSUR-SALEM II	125.33	SR-II	--																100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
36.00	HOSUR-SALEM	126.34	SR-II	--																100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
37.00	KAIGA - NARENDRA I	107.66	SR-II	--	44505.00	0.60	44505.00	0.60				0.00	0.00	0.00	0.00				Auto reclosed successfully on Bph-G transient fault.FLR: 4.27 km from Narendra end.	
					44516.00	0.84	44516.00	0.84				0.00	0.00	0.00	0.00				Auto reclosed successfully on Bph -N (Ph-earth) transient fault. FLR:7.91km from Narendra end.	100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
38.00	KAIGA - NARENDRA II	107.66	SR-II	--																100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
39.00	KAIGA - SIRSI - I	61.43	SR-II		44515.00	0.54	44515.00	0.58				0.00	0.98	0.00	0.00				Line tripped on Busbar protection (96 relay) operated at Guttur end, DT received at Kaiga(NPCIL) SS.	
					44523.00	0.84	44523.00	0.94				2.47	0.00	0.00	0.00				Line tripped on B ph to G fault. FLR=16.37km from Kaiga end.	99.66
					Sub Total -->							2.47	0.98	0.00	0.00					
40.00	KAIGA - SIRSI - II	61.43	SR-II	--	44501.00	0.00	44502.00	0.40				0.00	0.00	0.00	33.53				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 10/2547, CR-11/71	
					44504.00	0.85	44506.00	0.43				0.00	0.00	0.00	37.97				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/195.	
					44508.00	0.01	44508.00	0.35				0.00	0.00	0.00	8.02				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/354	
					44509.00	0.09	44509.00	0.41				0.00	0.00	0.00	7.60				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/424	
					44509.00	0.93	44510.00	0.37				0.00	0.00	0.00	10.67				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/539.	
					44510.00	0.87	44518.00	0.43				0.00	0.00	0.00	181.40				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/632.	
					44518.00	0.95	44523.00	0.86				0.00	0.00	0.00	117.80				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/1291.	
					44523.00	0.99	44526.00	0.38				0.00	0.00	0.00	57.28				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/1685	
					44526.00	0.99	44531.00	0.00				0.00	0.00	0.00	96.21				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/2018.	
					Sub Total -->							0.00	0.00	0.00	550.47					
41.00	KARAIKAL - BAHOR	123.65	SR-II	--																100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
42.00	KARAIKUDI - MADURAI - I	129.76	SR-II	--																100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
43.00	KOLAR - BANGALORE (now Kolar - Mylasandra)	81.55	SR-II					--	--	--										100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
44.00	BANGALORE-MYLASANDRA	15.07	SR-II	--	44525.00	0.46	44525.00	0.78				7.73	0.00	0.00	0.00				shutdown availed for AMP on terminal equipment & Line maintance works vide SRLDC code no. CR- 11/1818.	98.93
					Sub Total -->							7.73	0.00	0.00	0.00					
45.00	KOLAR - HOODY - I	51.07	SR-II	--																100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
46.00	KOLAR - HOODY - II	51.07	SR-II		44522.00	0.94	44522.00	0.95				0.00	0.00	0.28	0.00				Line tripped on operation of over voltage protection at Kolar end. Direct trip signal sent at Hoody end.	
					44522.00	0.95	44523.00	0.31				0.00	0.00	0.00	8.47				Line kept open as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/1584. CR-11/1590(409-410) kV@Kolar.	100.00
					Sub Total -->							0.00	0.00	0.28	8.47					

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					Date	Time	Date	Time	No. of towers damaged	No. of insulator failed		ISTS Licensee	OTHERS	System Constraints / Natural calamity / Militancy	Deemed Available					
47.00	KOLAR - HOSUR - I	69.00	SR-II		44504.00	0.93	44508.00	0.33				0.00	0.00	0.00	81.55				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/207 (429 - 428 kV).CR-11/366(407-409) kV@Hosur.	100.00
					Sub Total -->							0.00	0.00	0.00	81.55					
48.00	KOLAR - HOSUR - II	69.00	SR-II	--	44503.00	0.07	44503.00	0.27				0.00	0.00	0.00	4.80				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/121(430 - 429 kV) CR-11/125(414-414) kV@ Kolar	100.00
					44504.00	0.11	44504.00	0.30				0.00	0.00	0.00	4.68				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/170(430 -429 kV).CR-11/174(409-410) kV@ Kolar.	
					Sub Total -->							0.00	0.00	0.00	9.48					
49.00	KOLAR - THIRUVALAM - I	153.20	SR-II	--																100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
50.00	KUDANKULAM - TUTICORIN - I	66.10	SR-II	--																100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
51.00	KUDANKULAM - TUTICORIN - II	66.10	SR-II		44517.00	0.31	44517.00	0.82				0.00	0.00	0.00	12.28				Shut down availed for Insulator Cleaning works at Kudamkulam end vide SRLDC code no. CR-11/1107	100.00
					Sub Total -->							0.00	0.00	0.00	12.28					
52.00	KUDGI - KOLHAPUR - I	189.80	SR-II		44504.00	0.61	44504.00	0.79	--	--	--	4.35	0.00	0.00	0.00				Tripped on Yph to Bph (Ph-Ph) fault. FLR: 128.7kM from Kudgi end. Fault in WR-I Jurisdiction.	99.40
					Sub Total -->							4.35	0.00	0.00	0.00					
53.00	KUDGI - KOLHAPUR - II	189.80	SR-II	--																100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
54.00	MADHUGIRI (TUMKUR) - YELAHANKA I	73.41	SR-II						--	--	--									100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
55.00	MADHUGIRI (TUMKUR) - YELAHANKA II	73.41	SR-II	--																100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
56.00	MADURAI - TUTICORIN POOLING STN I	115.60	SR-II	--																100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
57.00	MADURAI - TUTICORIN POOLING STN II	152.17	SR-II						--	--	--									100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
58.00	MADURAI-THIRUNELVELI - I	161.70	SR-II		44512.00	0.20	44512.00	0.20				0.00	0.00	0.00	0.00				Auto reclosed successfully on Y ph-G transient fault. FLR= 66.3KM from Thirunelveli end.	100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
59.00	MADURAI-THIRUNELVELI - II	161.70	SR-II																	100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
60.00	MYSORE - KOZHIKODE I	215.52	SR-II	--																100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
61.00	MYSORE - KOZHIKODE II	215.52	SR-II	--																100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
62.00	NAGAPATTINAM PS - TRICHY - I	158.70	SR-II	--																100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
63.00	NAGAPATTINAM PS - TRICHY - II	158.70	SR-II	--																100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
64.00	NARENDRA - DAVANGERE I	156.50	SR-II	--	44510.00	0.90	44512.00	0.46				0.00	0.00	0.00	37.33				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/642 (431 - 430 kV).CR-11/752(405-407) kV@Narendra.	100.00
					44515.00	0.54	44515.00	0.59				0.00	1.28	0.00	0.00				Line tripped on Busbar protection (96 relay) operated at Guttur end, DT received at Narendra SS.	
					Sub Total -->							0.00	1.28	0.00	37.33					
65.00	NARENDRA - DAVANGERE II	156.50	SR-II		44501.00	0.93	44509.00	0.50				0.00	0.00	0.00	181.88				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/49 (430-428 kV).CR-11/480 (410-414) kV@Narendra	
					44509.00	0.88	44510.00	0.44				0.00	0.00	0.00	13.48				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/536 (433-431kV) CR-11/576(407-409) kV@Narendra.	

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					Date	Time	Date	Time	No. of towers damaged	No. of insulator failed		ISTS Licensee	OTHERS	System Constraints / Natural calamity / Militancy	Deemed Available							
					Sub Total -->								0.00	0.00	0.00	0.00					100.00	
73.00	NEYVELI - VILLIANUR	63.23	SR-II		44526.00	0.05	44526.00	0.14					0.00	2.10	0.00	0.00				Line hand tripped on emergency at Neyveli TS-II due to fire in generator transformer -3.	100.00	
					Sub Total -->								0.00	2.10	0.00	0.00						100.00
74.00	NEYVELI TS II - NAGAPATTINAM PS - I	49.22	SR-II	--																	100.00	
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
75.00	NEYVELI TS II - NNTPS I	6.43	SR-II						--	--	--										100.00	
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
76.00	NNTPS - ARIYALUR TN - I (NNTPS - PGLR Line)	147.43	SR-II		44502.00	0.46	44502.00	0.75					0.00	7.12	0.00	0.00				Tripped on R -N (Ph-earth) transient fault. FLR: M-1 62.91km/7.22kA M-2 62.5km/7.1kA from Karur. And FLR: M-1 234km/1.34kA, M-2 231km/2.17kA from NNTPS end. Fault is in TNEB portion	100.00	
					44519.00	0.46	44519.00	0.46					0.00	0.00	0.00	0.00				Auto reclosed successfully on Rph-N (Ph-earth) transient fault. FLR: 61.89km from Pugalur end.		
					44520.00	0.79	44520.00	0.79					0.00	0.00	0.00	0.00				Auto reclosed successfully on R-G transient fault. FLR: 65 KM from Pugalur end.		
					44529.00	0.47	44529.00	0.61					0.00	0.00	0.00	3.28				Shut down availed by M/s PGCIL for terminal equipment AMP works at Pugalur end vide SRLDC code CR-11/2183.		
					Sub Total -->								0.00	7.12	0.00	3.28						
77.00	NNTPS - ARIYALUR TN - II (NNTPS - KVPT Line)	147.43	SR-II	--																	100.00	
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
78.00	NNTPS - PUDUCHERRY I	66.28	SR-II	--																	100.00	
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
79.00	NEYVELI TS II - PUGALUR	198.05	SR-II																		100.00	
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
80.00	NEYVELI TS II EXP - PUGALUR	199.67	SR-II	--	44507.00	0.27	44507.00	0.27					0.00	0.00	0.00	0.00				Auto reclosed successfully on B-N (Ph-earth) transient fault FLR-112.8 KM from Pugalur end.	100.00	
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
81.00	NEYVELI TS-I EXPANSION - NAGAPATTINAM PS - I	171.95	SR-II	--	44504.00	0.74	44504.00	0.79					1.18	0.00	0.00	0.00				Line tripped on B-G fault.FLR: 39.09 km from Nagapattinam end.	99.84	
					Sub Total -->								1.18	0.00	0.00	0.00						99.84
82.00	NEYVELI TS-II - NEYVELI TS-I EXPANSION	13.94	SR-II	--	44504.00	0.81	44504.00	0.93					0.00	2.98	0.00	0.00				Line tripped on operation of Busbar protection at Neyveli TS-2 end.	99.78	
					44515.00	0.02	44515.00	0.09					1.55	0.00	0.00	0.00				Line tripped on B-G (Ph-earth)fault. FLR: 3.5 km from Neyveli TS2 end.		
					Sub Total -->								1.55	2.98	0.00	0.00						99.78
83.00	NEYVELI-SALEM - I	174.95	SR-II		44504.00	0.81	44504.00	0.92					0.00	2.80	0.00	0.00				Line tripped on operation of Busbar protection at Neyveli TS-2 end.	100.00	
					Sub Total -->								0.00	2.80	0.00	0.00						100.00
84.00	NEYVELI-SALEM - II	178.72	SR-II	--	44515.00	0.97	44519.00	0.75					90.70	0.00	0.00	0.00				Tripped on B ph-G fault due to defective pilot string at location no: 09.	87.39	
					44529.00	0.97	44529.00	1.00					0.00	0.00	0.72	0.00				Line tripped on operation of over voltage protection at NNTPS end . Direct trip signal received at Salem end.		
					44529.00	1.00	44530.00	0.46					0.00	0.00	0.00	10.98				Line kept open as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/2222 CR-11/2258(406-409) KV		
					Sub Total -->								90.70	0.00	0.72	10.98						87.39
85.00	NP KUNTA - KOLAR I (KADAPA - KOLAR)	130.70	SR-II	--	44503.00	0.08	44503.00	0.29					0.00	0.00	0.00	4.93				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/122(429 - 428 kV).CR-11/126 (410-412) kV.@Kolar	100.00	
					44504.00	0.12	44522.00	0.38					0.00	0.00	0.00	438.30				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/171(431 - 430 kV).CR-11/1487(404-406) kV@Kolar		
					44522.00	0.92	44522.00	0.95					0.00	0.00	0.73	0.00				Line tripped on operation of over voltage protection at Kolar end. Direct trip signal sent at NP Kunta (Cuddapah) end.		
					44522.00	0.95	44529.00	0.41					0.00	0.00	0.00	155.22				Line kept open as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/1579.CR-11/2168(403-404) kV @Kolar.		
					Sub Total -->								0.00	0.00	0.73	598.45						100.00
86.00	PALAKKAD - TRICHUR I	84.79	SR-II	--	44517.00	0.33	44520.00	0.84					0.00	0.00	0.00	84.15				Shutdown availed for Isolator retrofitting works at Trissur SS under Add cap works vide SRLDC code no. CR- 11/1113.	100.00	
					Sub Total -->								0.00	0.00	0.00	84.15						100.00

Sl.No	Element Name	Description (Length/Nos. /MVA/MVAr/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		Details of Outage		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Restoration Time as per Regulation 5(b) (2)	Whether Restoration Time more than normative (Y/N)	Difference between Actual and Norm 1-2	Detailed Reason(s) for Outage	% Availability as certified by certifying agency
					Date	Time	Date	Time	No. of towers damaged	No. of insulator failed		ISTS Licensee	OTHERS	System Constraints / Natural calamity / Militancy	Deemed Available					
87.00	PALAKKAD - TRICHUR II	84.79	SR-II	--	44512.00	0.35	44514.00	0.65				0.00	0.00	0.00	55.38				Construction: Shut down availed for isolators Replacement work under Add Cap Works at Trichur SS vide SRLDC code no CR-11/723	100.00
					Sub Total -->							0.00	0.00	0.00	55.38					
88.00	PAVAGADA - HIRIYUR I	109.35	SR-II	--	44518.00	0.82	44518.00	0.86				1.13	0.00	0.00	0.00				Tripped on R ph -G fault. FLR= 0.6KM from Hiriyr end.	98.19
					44519.00	0.19	44519.00	0.19				0.00	0.00	0.00	0.00				Auto reclosed successfully on R-G transient fault. FLR= 72.9KM from Pavagada end.	
					44519.00	0.31	44519.00	0.31				0.00	0.00	0.00	0.00				Auto reclosed successfully on R-G transient fault. FLR= 104KM from Pavagada end.	
					44519.00	0.32	44519.00	0.82				11.88	0.00	0.00	0.00				Tripped on R ph -G fault. FLR=0.5 from Hiriyr end.	
					Sub Total -->							13.01	0.00	0.00	0.00					
89.00	PAVAGADA - HIRIYUR II	109.35	SR-II	--								0.00	0.00	0.00	0.00					100.00
					Sub Total -->							0.00	0.00	0.00	0.00					
90.00	PAVAGADA - MYSORE I	314.24	SR-II		44501.00	0.00	44501.00	0.45				0.00	0.00	0.00	10.79				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 10/2546(420-418 kV).CR-11/20(409-412) kV at Mysore end	100.00
					44501.00	0.98	44515.00	0.34				0.00	0.00	0.00	320.70				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/53 (428KV-425KV) CR-11/890(408-416) kV @ Mysore	
					44516.00	0.03	44516.00	0.35				0.00	0.00	0.00	7.68				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/992(428-425 kV).CR-11/998(412-415) kV @ Pavagada	
					44525.00	0.10	44525.00	0.44				0.00	0.00	0.00	8.17				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/1786 (429-427kV).CR-11/1816 (407-409 KV)@Mysore.	
					44525.00	0.96	44530.00	0.36				0.00	0.00	0.00	105.60				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/1887 (429-426 kV).CR-11/2239(408-411) kV@Mysore	
					Sub Total -->							0.00	0.00	0.00	452.94					
91.00	PAVAGADA - TUMKUR I	104.70	SR-II		44502.00	0.97	44508.00	0.39				0.00	0.00	0.00	130.15				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/115 (428-428 kV).CR-11/370 (407 - 407) kV@Tumkur	100.00
					44508.00	0.97	44509.00	0.50				0.00	0.00	0.00	12.68				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/418(431-429 kV).CR-11/481(402-409) Kv@Tumkur.	
					44511.00	0.02	44522.00	0.37				0.00	0.00	0.00	272.43				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/648(433 -431 kV), CR-11/1489(409-412) kV@ Tumkur.	
					44522.00	0.92	44524.00	0.37				0.00	0.00	0.00	34.80				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/1578(430-428 kV).CR-11/1707 (407-410 kV)@Pavagada	
					44524.00	0.92	44525.00	0.39				0.00	0.00	0.00	11.20				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/1779 (432-430kV).CR-11/1801 (409-410 kV)@Tumkur.	
					44525.00	0.92	44526.00	0.43				0.00	0.00	0.00	12.15				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/1883(428-426 kV).CR-11/1935(411-413) kV@Tumkur	
					44528.00	0.98	44531.00	0.00				0.00	0.00	0.00	48.45				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/2150 (433kV -433kV) at Tumkur SS.	
					Sub Total -->							0.00	0.00	0.00	521.87					
92.00	PAVAGADA - TUMKUR II	104.70	SR-II		44501.00	0.00	44502.00	0.39				0.00	0.00	0.00	33.33				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 10/2551(431-430 kV).CR-11/63(412-414) kV Tumkur	100.00
					44504.00	0.91	44522.00	0.38				0.00	0.00	0.00	419.18				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/200 (431 - 430 kV).CR-11/1490(411-412) kV@Tumkur.	
					44523.00	0.92	44525.00	0.43				0.00	0.00	0.00	36.25				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/1683(432 -428 kV).CR-11/1812 (404-404 KV).@Pavagada	
					44526.00	0.94	44530.00	0.41				0.00	0.00	0.00	83.13				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/2016 (431 - 429 kV).CR-11/2244(410-410) Kv@Tumkur.	
					44530.00	0.94	44531.00	0.00				0.00	0.00	0.00	1.42				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/2312(426-424 kV).	
					Sub Total -->							0.00	0.00	0.00	573.31					

Sl.No	Element Name	Description (Length/Nos. /MVA/MVAr/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		Details of Outage		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Restoration Time as per Regulation 5(b) (2)	Whether Restoration Time more than normative (Y/N)	Difference between Actual and Norm 1-2	Detailed Reason(s) for Outage	% Availability as certified by certifying agency	
					Date	Time	Date	Time	No. of towers damaged	No. of insulator failed		ISTS Licensee	OTHERS	System Constraints / Natural calamity / Militancy	Deemed Available						
93.00	PAVAGADA - TUMKUR III	104.70	SR-II	--																100.00	
					Sub Total -->								0.00	0.00	0.00	0.00					
94.00	PAVAGADA - TUMKUR IV	104.70	SR-II	--																100.00	
					Sub Total -->								0.00	0.00	0.00	0.00					
95.00	PUDUCHERRY-SVCHATRAM-I	128.59	SR-II	--	44511.00	0.11	44511.00	0.15					0.00	0.82	0.00	0.00				Line tripped at SV chatram (Tantransco) end only due to issue in DT circuit and line remain charged from Puducherry (Powergrid) end.	98.63
					44511.00	0.44	44511.00	0.76					0.00	7.67	0.00	0.00				Line tripped at SV chatram SS (Tantransco) end only due to issue in DT circuit and line is in charged condition from Puducherry SS (Powergrid) end.	
					44520.00	0.84	44521.00	0.25					9.77	0.00	0.00	0.00				Line tripped on R-G transient fault due to persistence fault due to insulator de-capping at Loc No:317.	
					Sub Total -->								9.77	8.49	0.00	0.00					
96.00	PUGALUR - MADURAI - I	123.64	SR-II	--	44511.00	0.40	44511.00	0.73					7.90	0.00	0.00	0.00				Shut down availed for AMP works vide SRLDC code no. CR-11/666	98.90
					Sub Total -->								7.90	0.00	0.00	0.00					
97.00	PUGALUR - MADURAI - II	123.64	SR-II	--																	100.00
					Sub Total -->								0.00	0.00	0.00	0.00					
98.00	PUGALUR HVDC - ARASUR - I	58.98	SR-II	--																	100.00
					Sub Total -->								0.00	0.00	0.00	0.00					
99.00	PUGALUR HVDC - ARASUR - II	58.98	SR-II	--																	100.00
					Sub Total -->								0.00	0.00	0.00	0.00					
###	PUGALUR HVDC - PUGALUR - I	49.23	SR-II	--																	100.00
					Sub Total -->								0.00	0.00	0.00	0.00					
###	PUGALUR HVDC - PUGALUR - II	49.23	SR-II	--																	100.00
					Sub Total -->								0.00	0.00	0.00	0.00					
###	SALEM - SALEM POOLING STN I	59.04	SR-II	--																	100.00
					Sub Total -->								0.00	0.00	0.00	0.00					
###	SALEM - SALEM POOLING STN II	59.04	SR-II	--																	100.00
					Sub Total -->								0.00	0.00	0.00	0.00					
###	SALEM POOLING STN - SOMANAHALL I	121.45	SR-II	--																	100.00
					Sub Total -->								0.00	0.00	0.00	0.00					
###	SALEM POOLING STN - SOMANAHALL II	121.45	SR-II	--																	100.00
					Sub Total -->								0.00	0.00	0.00	0.00					
###	SALEM - UDUMALPET I	150.54	SR-II	--																	100.00
					Sub Total -->								0.00	0.00	0.00	0.00					
###	SALEM - UDUMALPET II	137.91	SR-II	--																	100.00
					Sub Total -->								0.00	0.00	0.00	0.00					
###	SRIPERUMBUDUR - THIRUVALAM I	85.04	SR-II	--																	100.00
					Sub Total -->								0.00	0.00	0.00	0.00					
###	SVCHATRAM-SRIPERUMBUDUR-I	10.08	SR-II	--																	100.00
					Sub Total -->								0.00	0.00	0.00	0.00					
###	THIRUNELVELI - EDAMON - I	81.94	SR-II																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00					
###	THIRUNELVELI - EDAMON - II	81.94	SR-II																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00					
###	THIRUNELVELI - KOCHI - I	229.29	SR-II	--	44501.00	0.69	44501.00	0.69					0.00	0.00	0.00	0.00				Auto reclosed successfully on B-N (Ph-earth) transient fault. FLR: 130.3 km from Kochi end.	100.00
					44524.00	0.30	44524.00	0.30					0.00	0.00	0.00	0.00				Autoreclosed successfully on R ph to G fault.Fault FLR=10.77 from Thirunelveli end.	
					Sub Total -->								0.00	0.00	0.00	0.00					
###	THIRUNELVELI - KOCHI - II	229.29	SR-II	--	44501.00	0.69	44501.00	0.69					0.00	0.00	0.00	0.00				Auto reclosed successfully on B-N (Ph-earth) transient fault. FLR: 135 km Kochi end.	

Sl.No	Element Name	Description (Length/Nos./MVA/MVA _r /MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		Details of Outage		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Restoration Time as per Regulation 5(b) (2)	Whether Restoration Time more than normative (Y/N)	Difference between Actual and Norm 1-2	Detailed Reason(s) for Outage	% Availability as certified by certifying agency	
					Date	Time	Date	Time	No. of towers damaged	No. of insulator failed		ISTS Licensee	OTHERS	System Constraints / Natural calamity / Militancy	Deemed Available						
	POOLING STN II				Sub Total -->								0.00	0.00	0.00	0.00					100.00
####	TUTICORIN POOLING STN - SALEM POOLING STN I	368.84	SR-II		Sub Total -->								0.00	0.00	0.00	0.00					100.00
####	TUTICORIN POOLING STN - SALEM POOLING STN II	368.84	SR-II	--	44504.00	1.00	44505.00	0.01					0.00	0.00	0.20	0.00			Line tripped on operation of over voltage protection at Salem Pooling Station end. Direct trip signal received at Tuticorin PS end. (429KV at Salem PS end)		100.00
					44505.00	0.01	44526.00	0.40					0.00	0.00	0.00	513.50			Line kept open as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/ 211 (429 -428 KV). CR- 11/1921(412-413) kV @ Salem PS end		
					Sub Total -->								0.00	0.00	0.20	513.50					
####	TUTICORIN POOLING STN - TIRUNELVELI	67.67	SR-II	--	44509.00	0.26	44509.00	0.26					0.00	0.00	0.00	0.00			Auto reclosed successfully on B-G transient fault. FLR- 42.9 KM from Thirunelveli end.		100.00
					Sub Total -->								0.00	0.00	0.00	0.00					
####	TUTICORIN POOLING STN - TUTICORIN GIS I	12.05	SR-II	--	Sub Total -->								0.00	0.00	0.00	0.00					100.00
####	TUTICORIN POOLING STN - TUTICORIN GIS II	12.05	SR-II	--	Sub Total -->								0.00	0.00	0.00	0.00					100.00
####	TUTICORIN POOLING STN - TUTICORIN GIS III	12.01	SR-II	--	Sub Total -->								0.00	0.00	0.00	0.00					100.00
####	TUTICORIN POOLING STN - TUTICORIN GIS IV	12.01	SR-II	--	Sub Total -->								0.00	0.00	0.00	0.00					100.00
####	UDUMALPET - MADURAI	127.23	SR-II	--	Sub Total -->								0.00	0.00	0.00	0.00					100.00
####	UDUMALPET - PALAKKAD I	95.72	SR-II	--	Sub Total -->								0.00	0.00	0.00	0.00					100.00
####	UDUMALPET - PALAKKAD II	95.72	SR-II	--	Sub Total -->								0.00	0.00	0.00	0.00					100.00
####	VALLUR - KALIVANDAPATTU I	133.85	SR-II	--	44528.00	0.60	44528.00	0.60					0.00	0.00	0.00	0.00			Auto reclosed successfully on R-N (Ph-earth) transient fault. FLR: 50.3 KM from Kalivanthapattu end.		100.00
					Sub Total -->								0.00	0.00	0.00	0.00					
####	VALLUR - KALIVANDAPATTU II	133.85	SR-II	--	44512.00	0.03	44513.00	0.80					0.00	0.00	0.00	42.63			Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/718 (431 -430 kV).CR- 11/847(407-409) kV @KVPT.		100.00
					Sub Total -->								0.00	0.00	0.00	42.63					
####	YELAHANKA - NELAMANGALA I	66.10	SR-II	--	44524.00	0.53	44524.00	0.76	--	--	--		0.00	0.00	0.00	5.50			Shutdown availed by KPTCL for annual relay testing Vide SRLDC code no. CR- 11/1730.		100.00
					Sub Total -->								0.00	0.00	0.00	5.50					
####	PAVAGADA DEVANAHALLI 1	133.85	SR-II	--	Sub Total -->								0.00	0.00	0.00	0.00					100.00
####	PAVAGADA DEVANAHALLI 2	133.85	SR-II	--	44519.00	0.01	44519.00	0.26					0.00	0.00	0.00	6.05			Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/1298(430- 429kV).CR- 11/1301(410-413)kV@Pavagada.		95.47
					44519.00	0.26	44520.00	0.62					32.63	0.00	0.00	0.00			Tripped on B ph to G fault Due to defective insulator (CLR) at loc No: 362.		
					44524.00	0.72	44524.00	0.72					0.00	0.00	0.00	0.00			Auto reclosed successfully at on Bph -N (Ph-earth) transient fault. FLR:36.6KM from Pavagada end.		
					44527.00	0.15	44527.00	0.29					0.00	0.00	0.00	3.28			Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/2024 (429-429 kV).CR- 11/2026 (416-416) kV@Pavagada		
					Sub Total -->								32.63	0.00	0.00	9.33					
####	EDAYARPALAYAM-UDUMALPET 1		SR-II	--	Sub Total -->								0.00	0.00	0.00	0.00					100.00
####	EDAYARPALAYAM-UDUMALPET 2		SR-II	--	Sub Total -->								0.00	0.00	0.00	0.00					100.00
####	PUGALUR HVDC - EDAYARPALAYAM 1		SR-II	--	Sub Total -->								0.00	0.00	0.00	0.00					100.00
####	PUGALUR HVDC - EDAYARPALAYAM 2		SR-II	--	Sub Total -->								0.00	0.00	0.00	0.00					100.00

Sl.No	Element Name	Description (Length/Nos. /MVA/MVAr/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		Details of Outage		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Restoration Time as per Regulation 5(b) (2)	Whether Restoration Time more than normative (Y/N)	Difference between Actual and Norm 1-2	Detailed Reason(s) for Outage	% Availability as certified by certifying agency		
					Date	Time	Date	Time	No. of towers damaged	No. of insulator failed		ISTS Licensee	OTHERS	System Constraints / Natural calamity / Militancy	Deemed Available							
					Sub Total -->								0.00	0.00	0.00	0.00					100.00	
####	PAVAGADA ICT - V	500.00	SR-II	--																	100.00	
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	PUDUCHERRY ICT-I	315.00	SR-II	--																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	PUDUCHERRY ICT-II	315.00	SR-II	--																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	PUDUCHERRY ICT-III	500.00	SR-II	--																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	PUGALUR ICT - I	315.00	SR-II	--																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	PUGALUR ICT - II	315.00	SR-II	--	44508.00	0.76	44508.00	0.82													Hand tripped as per SRLDC instruction for Power regulation in the system vide SRLDC code no. CR- 11/405. Load before tripping	100.00
					Sub Total -->								0.00	0.00	0.00	1.33						100.00
####	PUGALUR ICT - III	500.00	SR-II	--																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	THIRUNELVELI ICT - I	315.00	SR-II	--																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	THIRUNELVELI ICT - II	315.00	SR-II	--	44508.00	0.47	44508.00	0.59													Shut down availed for replacement of 400 kV side Y-ph LA vide SRLDC code no. CR-11/381	99.60
					Sub Total -->								2.85	0.00	0.00	0.00						99.60
####	THIRUNELVELI ICT - III	500.00	SR-II	--																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	THIRUVALAM ICT - I	315.00	SR-II	--																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	THIRUVALAM ICT - II	315.00	SR-II	--	44520.00	0.10	44520.00	0.14													Tripped due to tripping of 765kV Kadapa-Thiruvalem line-2. As BUS-2 of 765 kV at Thiruvalem is already under shutdown for	99.86
					Sub Total -->								1.02	0.00	0.00	0.00						99.86
####	TRICHY ICT - I	315.00	SR-II	--																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	TRICHY ICT - II	315.00	SR-II	--																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	TRICHY ICT - III	500.00	SR-II	--																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	TRIVANDRUM ICT - I	315.00	SR-II	--					--	--	--											100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	TRIVANDRUM ICT - II	315.00	SR-II	--					--	--	--											100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	TRIVANDRUM ICT - III	315.00	SR-II	--																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	TUMKUR ICT I	500.00	SR-II	--																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	TUMKUR ICT II	500.00	SR-II	--																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	TUMKUR ICT III	500.00	SR-II	--																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00
####	TUTICORIN GIS ICT I	500.00	SR-II	--																		100.00
					Sub Total -->								0.00	0.00	0.00	0.00						100.00

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					Date	Time	Date	Time	No. of towers damaged	No. of insulator failed		ISTS Licensee	OTHERS	System Constraints / Natural calamity / Militancy	Deemed Available						
####	TUTICORIN GIS ICT II	500.00	SR-II	--																100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	UDUMALPET ICT - I	315.00	SR-II	--																100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	UDUMALPET ICT - II	315.00	SR-II	--																100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	UDUMALPET ICT - III	315.00	SR-II	--																100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	YELAHANKA ICT - I	500.00	SR-II	--																100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	YELAHANKA ICT - II	500.00	SR-II	--																100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	PUGALUR HVDC ICT - I	500.00	SR-II	--																100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	PUGALUR HVDC ICT - II	500.00	SR-II	--																100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	TRICHUR HVDC ICT - I	500.00	SR-II	--																100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	TRICHUR HVDC ICT - II	500.00	SR-II	--																100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	BANGALORE BUS REACTOR	63.00	SR-II																	100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	BIDADI BUS REACTOR - I	63.00	SR-II																	100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	HASSAN BUS REACTOR - I	80.00	SR-II																	100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	HASSAN BUS REACTOR - II	125.00	SR-II																	100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	HIRIYUR BUS REACTOR - I	63.00	SR-II																	100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	HOSUR BUS REACTOR - I	63.00	SR-II																	100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	KARAIKUDI BUS REACTOR - I	80.00	SR-II																	100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	KOCHI BUS REACTOR I	63.00	SR-II	--	44513.00	0.51	44513.00	0.59	--	--	--	2.03	0.00	0.00	0.00				Emergency shut down availed for attending hot spot vide SRLDC code CR-11/825, Closing code: CR 11/ 828	99.72	
					Sub Total -->							2.03	0.00	0.00	0.00						
####	KOLAR BUS REACTOR - I	63.00	SR-II																	100.00	
					Sub Total -->							0.00	0.00	0.00	0.00						
####	KUDGI BUS REACTOR - I	125.00	SR-II		44501.00	0.42	44502.00	0.89				0.00	0.00	0.00	35.38				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/19(397 - 400 Kv). CR-11/112 (412-410) kV.	100.00	
					44510.00	0.49	44510.00	0.81				0.00	0.00	0.00	7.78				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/586(389 -394 kV).CR-11/626(422-417) kV.		
					44514.00	0.42	44514.00	0.66				0.00	0.00	0.00	5.77				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/863(385-389 kV).CR-11/873 (410-406) kV.		
					44515.00	0.47	44515.00	0.68				0.00	0.00	0.00	4.95				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/916(392 -397 kV).CR-11/959 (413-408) kV.		

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					Date	Time	Date	Time	No. of towers damaged	No. of insulator failed		ISTS Licensee	OTHERS	System Constraints / Natural calamity / Militancy	Deemed Available					
					44516.00	0.44	44516.00	0.62				0.00	0.00	0.00	4.33				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/1019(393-399 kV).CR-11/1047(407-402) kV.	
					44517.00	0.45	44517.00	0.83				0.00	0.00	0.00	9.22				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/1134(390 -395 kV).CR-11/1196 (414-410) kV.	
					Sub Total -->							0.00	0.00	0.00	67.43					
####	KUDGI BUS REACTOR - II	125.00	SR-II	--	44513.00	0.40	44513.00	0.76				0.00	0.00	0.00	8.75				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/809(397 -392 kV).CR-11/842(421-415) kV.	100.00
					44518.00	0.42	44518.00	0.50				0.00	0.00	0.00	1.98				Hand tripped as per SRLDC instruction for voltage regulation in the system vide SRLDC code no. CR- 11/1235 (397 - 401 kV).CR-11/1250 (408 - 405) kV	
					Sub Total -->							0.00	0.00	0.00	10.73					
####	MYSORE BUS REACTOR	50.00	SR-II									0.00	0.00	0.00	0.00					100.00
####	NAGAPATTINAM PS BUS REACTOR - I	50.00	SR-II					--	--	--		0.00	0.00	0.00	0.00					100.00
####	NARENDRA BUS REACTOR	125.00	SR-II									0.00	0.00	0.00	0.00					100.00
####	PALAKKAD BUS REACTOR - I	63.00	SR-II					--	--	--		0.00	0.00	0.00	0.00					100.00
####	PAVAGADA BUS REACTOR - I	125.00	SR-II									0.00	0.00	0.00	0.00					100.00
####	PAVAGADA BUS REACTOR - II	125.00	SR-II									0.00	0.00	0.00	0.00					100.00
####	SALEM BUS REACTOR - I	63.00	SR-II									0.00	0.00	0.00	0.00					100.00
####	SRIPERUMBUDUR BUS REACTOR - I	63.00	SR-II									0.00	0.00	0.00	0.00					100.00
####	THIRUNELVELI BUS REACTOR - I	63.00	SR-II									0.00	0.00	0.00	0.00					100.00
####	THIRUNELVELI BUS REACTOR - II	63.00	SR-II	--								0.00	0.00	0.00	0.00					100.00
####	THIRUVALAM BUS REACTOR - I	63.00	SR-II									0.00	0.00	0.00	0.00					100.00
####	THIRUVALAM BUS REACTOR - I (765kV)	240.00	SR-II									0.00	0.00	0.00	0.00					100.00
####	THIRUVALAM BUS REACTOR - II (765kV)	240.00	SR-II					--	--	--		0.00	0.00	0.00	0.00					100.00
####	TRIVENDRUM BUS REACTOR - I	125.00	SR-II					--	--	--		0.00	0.00	0.00	0.00					100.00
####	TUMKUR BUS REACTOR - I	63.00	SR-II					--	--	--		0.00	0.00	0.00	0.00					100.00
####	TUTICORIN POOLING STN BUS REACTOR - I	63.00	SR-II	--								0.00	0.00	0.00	0.00					100.00
####	TUTICORIN GIS BUS REACTOR - I	125.00	SR-II	--								0.00	0.00	0.00	0.00					100.00
####	TUTICORIN GIS BUS REACTOR - II	125.00	SR-II	--	44516.00	0.37	44516.00	0.70				7.92	0.00	0.00	0.00				Shut down availed for AMP works vide SRLDC code no. CR-11/999. Closing code: CR 11/ 1065	98.90
####	YELAHANKA BUS REACTOR - I	63.00	SR-II									7.92	0.00	0.00	0.00					100.00

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					Date	Time	Date	Time	No. of towers damaged	No. of insulator failed		ISTS Licensee	OTHERS	System Constraints / Natural calamity / Militancy	Deemed Available					
####	YELAHANKA BUS REACTOR - II	63.00	SR-II						--	--	--									100.00
												0.00	0.00	0.00	0.00					
####	YELAHANKA BUS REACTOR - III	63.00	SR-II						--	--	--									100.00
												0.00	0.00	0.00	0.00					
####	TUMKUR BUS REACTOR -II	63.00	SR-II		44516.00	0.41	44516.00	0.62	--	--	--	0.00	0.00	0.00	4.93				Shut availed for CSD commissioning works vide SRLDC Code No CR-11/1014. Closing code: CR 11/ 1046	100.00
												0.00	0.00	0.00	4.93					
####	Chittor Line Reactor at Sriperumbudur	50.00	SR-II	--																100.00
												0.00	0.00	0.00	0.00					
####	Hosur-2 Line Reactor at Salem	50.00	SR-II						--	--	--									100.00
												0.00	0.00	0.00	0.00					
####	Hiriyur Line Reactor at Mysore	80.00	SR-II						--	--	--									100.00
												0.00	0.00	0.00	0.00					
####	Kadapa-1 Line Reactor at Tumkur	50.00	SR-II	--																100.00
												0.00	0.00	0.00	0.00					
####	Kadapa-2 Line Reactor at Tumkur	50.00	SR-II	--																100.00
												0.00	0.00	0.00	0.00					
####	Karaikudi Line Reactor at Madurai	63.00	SR-II	--																100.00
												0.00	0.00	0.00	0.00					
####	Kolar Line Reactor at Bangalore	50.00	SR-II	--																100.00
												0.00	0.00	0.00	0.00					
####	Mysore 1 Line Reactor at Kozhikode	50.00	SR-II						--	--	--									100.00
												0.00	0.00	0.00	0.00					
####	Mysore 2 Line Reactor at Kozhikode	50.00	SR-II						--	--	--									100.00
												0.00	0.00	0.00	0.00					
####	Nagapattinam-1 Line Reactor at Trichy	50.00	SR-II						--	--	--									100.00
												0.00	0.00	0.00	0.00					
####	Nagapattinam-2 Line Reactor at Trichy	63.00	SR-II						--	--	--									100.00
												0.00	0.00	0.00	0.00					
####	Nellore-1 Line Reactor at Thiruvalem	50.00	SR-II	--																100.00
												0.00	0.00	0.00	0.00					
####	Nellore-2 Line Reactor at Thiruvalem	50.00	SR-II						--	--	--									100.00
												0.00	0.00	0.00	0.00					
####	Neyveli TS II Exp Line Reactor at Pugalur	50.00	SR-II	--																100.00
												0.00	0.00	0.00	0.00					
####	Neyveli TS II Line Reactor at Pugalur	50.00	SR-II	--																100.00
												0.00	0.00	0.00	0.00					
####	Palakkad 1 Line Reactor at Trichur	50.00	SR-II	--																100.00
												0.00	0.00	0.00	0.00					
####	Palakkad 2 Line Reactor at Trichur	50.00	SR-II	--																100.00
												0.00	0.00	0.00	0.00					
####	Pavagada Line Reactor at Mysore	80.00	SR-II						--	--	--									100.00
												0.00	0.00	0.00	0.00					
####	Salem-2 Line Reactor at Udumalpet	63.00	SR-II	--																100.00
												0.00	0.00	0.00	0.00					
####	SV Chatram Line Reactor at Sriperumbudur	50.00	SR-II						--	--	--									100.00
												0.00	0.00	0.00	0.00					

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					Date	Time	Date	Time	No. of towers damaged	No. of insulator failed		ISTS Licensee	OTHERS	System Constraints / Natural calamity / Militancy	Deemed Available						
####	Thirunelveli 1 Line Reactor at Kochi	63.00	SR-II						--	--	--									100.00	
												0.00	0.00	0.00	0.00						
####	Thirunelveli 2 Line Reactor at Kochi	63.00	SR-II	--					--	--	--										100.00
												0.00	0.00	0.00	0.00						
####	Thirunelveli 1 Line Reactor at Udumalpet	63.00	SR-II																		100.00
												0.00	0.00	0.00	0.00						
####	Thirunelveli 2 Line Reactor at Udumalpet	63.00	SR-II																		100.00
												0.00	0.00	0.00	0.00						
####	Trichy Line Reactor at Madurai	50.00	SR-II	--																	100.00
												0.00	0.00	0.00	0.00						
####	Udumalpet 1 Line Reactor at Thirunelveli	63.00	SR-II	--																	100.00
												0.00	0.00	0.00	0.00						
####	Udumalpet 2 Line Reactor at Thirunelveli	63.00	SR-II						--	--	--										100.00
												0.00	0.00	0.00	0.00						
####	Vallur 1 Line Reactor at Kalivandapattu	50.00	SR-II	--																	100.00
												0.00	0.00	0.00	0.00						
####	+/- 100MVAR UDUMALPET STATCOM - 1	200.00	SR-II						--	--	--										100.00
												0.00	0.00	0.00	0.00						
####	+/- 100MVAR UDUMALPET STATCOM - 2	200.00	SR-II						--	--	--										100.00
												0.00	0.00	0.00	0.00						
####	+ 125 MVAR UDUMALPET STATCOMs MSR - 1	125.00	SR-II						--	--	--										100.00
												0.00	0.00	0.00	0.00						
####	+ 125 MVAR UDUMALPET STATCOMs MSR - 2	125.00	SR-II						--	--	--										100.00
												0.00	0.00	0.00	0.00						
####	- 125 MVAR UDUMALPET STATCOMs MSC - 1	125.00	SR-II	--																	100.00
												0.00	0.00	0.00	0.00						
####	+/- 100MVAR TRICHY STATCOM - 1	200.00	SR-II						--	--	--										100.00
												0.00	0.00	0.00	0.00						
####	+/- 100MVAR TRICHY STATCOM - 2	200.00	SR-II						--	--	--										100.00
												0.00	0.00	0.00	0.00						
####	+ 125 MVAR TRICHY STATCOMs MSR - 1	125.00	SR-II						--	--	--										100.00
												0.00	0.00	0.00	0.00						
####	+ 125 MVAR TRICHY STATCOMs MSR - 2	125.00	SR-II						--	--	--										100.00
												0.00	0.00	0.00	0.00						
####	- 125 MVAR TRICHY STATCOMs MSC - 1	125.00	SR-II						--	--	--										100.00
												0.00	0.00	0.00	0.00						
####	TALCHER - KOLAR HVDC POLE - I	1000.00	SR-II		44512.00	0.26	44512.00	0.26				0.00	0.00	0.00	0.00					LFL and DC line fault recovery sequence operated.FLR: 24.5 kM from Kolar end (Tower no. 3635). (Fault in Kolar TLM portion)	100.00
					44513.00	0.90	44513.00	0.90				0.00	0.00	0.00	0.00					Pole - 1 LFL and DC line fault recovery sequence operated at 381 kM from Kolar end (Tower no. 2651). (Fault in SR-1 portion of the line)	
					44521.00	0.25	44521.00	0.25				0.00	0.00	0.00	0.00					LFL with DC line fault recovery sequence operated at 20 kM from Kolar end (Tower no. 3647).	
					44522.00	0.23	44522.00	0.23				0.00	0.00	0.00	0.00					LFL and DC line fault recovery sequence operated at 24.5 kM from Kolar end (Tower no. 3635).	
												0.00	0.00	0.00	0.00						

Sl.No	Element Name	Description (Length/Nos. /MVA/MVAr/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		Details of Outage		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Restoration Time as per Regulation 5(b) (2)	Whether Restoration Time more than normative (Y/N)	Difference between Actual and Norm 1-2	Detailed Reason(s) for Outage	% Availability as certified by certifying agency
					Date	Time	Date	Time	No. of towers damaged	No. of insulator failed		ISTS Licensee	OTHERS	System Constraints / Natural calamity / Militancy	Deemed Available					
####	TALCHER - KOLAR HVDC POLE - II	1000.00	SR-II		44513.00	0.26	44513.00	0.26				0.00	0.00	0.00	0.00				Pole-2 LFL and DC line fault recovery sequence operated. FLR: 24.5 km from Kolar end (Tower no. 3635). Fault is in Kolar TLM portion.	98.36
					44520.00	0.26	44520.00	0.26				0.00	0.00	0.00	0.00				LFL and DC line fault recovery sequence operated & successful in first attempt at 79.4 km from Kolar end (Tower no. 3486), Fault under SR-I jurisdiction.	
					44522.00	0.77	44523.00	0.26				11.78	0.00	0.00	0.00				Emergency Shutdown availed by Talcher HVDC for attending water leakage problem in Valve cooling system at Talcher end vide SRLDC code no. CR-11/1556/1855/1141.	
					Sub Total -->							11.78	0.00	0.00	0.00					
####	PUGALUR HVDC POLE-1	1500.00	SR-II	..															100.00	
					Sub Total -->							0.00	0.00	0.00	0.00					
####	PUGALUR HVDC POLE-2	1500.00	SR-II	..															100.00	
					Sub Total -->							0.00	0.00	0.00	0.00					
####	TRICHUR HVDC POLE-2	320.00	SR-II		44508.00	0.26	44508.00	0.26				0.00	0.00	0.00	0.00				LFL and DC line fault recovery sequence operated.FLR: 2.284km from Pugalur HVDC end.	100.00
					44526.00	0.18	44526.00	0.18				0.00	0.00	0.00	0.00				LFL and DC line fault recovery sequence operated.FLR: 4.125km from Pugalur HVDC end. (Tower No: 18)	
					Sub Total -->							0.00	0.00	0.00	0.00					
####	TRICHUR HVDC POLE-1	320.00	SR-II		44516.00	0.73	44516.00	0.83				2.33	0.00	0.00	0.00				VSC Pole 1 blocked on CWC internal fault due to fault in UPS at Pugalur HVDC end.	99.68
					Sub Total -->							2.33	0.00	0.00	0.00					
####	PUGALUR HVDC POLE-3	1500.00	SR-II	..	44501.00	0.38	44501.00	0.86				11.53	0.00	0.00	0.00				Pole blocked for construction & commissioning works of pole 3 stand by transformer at Raigarh end vide SRI DC	98.40
					Sub Total -->							11.53	0.00	0.00	0.00					
####	PUGALUR HVDC POLE-4	1500.00	SR-II	..															100.00	
					Sub Total -->							0.00	0.00	0.00	0.00					
												615.69	1746.93	4.68	11864.23					
												307.84	873.47	2.34	5932.11					

Note in type of failure column please indicate following :

- 1) Hardware failure like Earthwire failure, Jumper snapping, Conductor snapping, Insulator failure, Others etc
- 2) Transformer / Reactor failure like winding failure, Bushing failure, OLTC failure, Others etc
- 3) Tower collapse

225.86	873.47	2.34	5847.68
46.39	0.00	0.00	1.33
9.95	0.00	0.00	83.10
25.64	0.00	0.00	0.00
307.84	873.47	2.34	5932.11