

Grid Occurrences – 142

For all tripping events, concerned Constituents are requested to furnish to SRPC Secretariat, by **01.05.2026** a WORD format file of the detailed analysis of the events along with SLD or equivalent pictorial representation clearly showing (i) Location of the fault, and (ii) Bus-bar arrangement/ Configuration of feeders and other connected equipment with proper CB positions (OPEN/ CLOSE) at the time of occurrence of the fault along with records of Event loggers, Disturbance recorders. The same shall be presented by the respective Utilities in the meeting.

SRLDC is requested to furnish PMU plots of all tripping events to SRPC Secretariat by **01.05.2026** and present the same in the meeting.

I. Details of Grid Disturbances

S. No.	Event	Event Analysis	Outage Date & time	Generation Loss (MW)	Load Loss (MW)	Category as per CEA Grid Standards	Date of receipt of Draft Report/ Updated draft report from SRLDC	Date of receipt of User Detailed report	SRLDC furnished revised Report after considering the User Report
1	Complete Outage of 220kV Zenataris	As per the reports submitted, the triggering incident was DC supply failure at 220kV Zenataris leading to the tripping of 220kV Hiriyr Zenataris line. Tripping of the only connected line led to complete outage of 220kV Zenataris.	16-03-2026 14:40	0	0	GD - 1	13-04-2026	-	Not Considered
2	Complete Outage of 220kV TP SAURYA of TATA POWER	220kV TP SAURYA is connected radially to KOPPAL through 220KV-TP SAURYA LIMITED-KOPPAL-1. The triggering incident is the B-G fault in the 220KV-TP SAURYA LIMITED-KOPPAL-1 line and tripping of the only line connected to 220kV TP SAURYA led to the Complete Outage of 220kV TP SAURYA of TATA POWER	17-03-2026 19:35	0	0	GD - 1	28-03-2026	21-03-2026	Considered

3	Complete Outage of 400kV YTPS Generating Station of KPCL, 400kV Kalaburagi SS, 220 kV Aheri, Nimbarga, Vaishali, Shahbad, Kapnoor, Humnabad, Gulbarga, and Santhapur and tripping of 220 kV Bijapur Bus-2, Shahpur Bus-2, Sedam Bus-2 of KPTCL	400kV YTPS Generating Station , 400kV Kalaburagi SS, 220 kV Aheri, Nimbarga, Vaishali, Shahbad, Kapnoor, Humnabad, Gulbarga, and Santhapur ,220 kV Bijapur Bus-2, Shahpur Bus-2, Sedam Bus-2 are being radially connected through 400kV BPS YTPS Line-1&2. As per the reports submitted, 400kV BPS YTPS Line-1 tripped on R-G fault at 20:27hrs and 400kV BPS YTPS Line-2 tripped on RY fault at 22:26hrs. Tripping of both lines led to complete outage of all radial connected stations.	17-03-2026 20:27	975	66	GD - 1	13-04-2026	20-03-2026 23-03-2026	Considered
4	Complete Outage 220kV Renew_Surya_Koppal of RENEW	220kV Renew_Surya_Koppal is connected radially to KOPPAL through 220KV-KOPPAL-Renew_Surya_Koppal-1. The triggering incident is the R-G fault in the 220KV-KOPPAL-Renew_Surya_Koppal-1 line and tripping of the only line connected to 220kV Renew_Surya_Koppal led to the Complete Outage 220kV Renew_Surya_Koppal of RENEW	18-03-2026 22:28	301	0	GD - 1	26-03-2026	19-03-2026	Considered
5	Complete Outage of 220kV ZENATARIS_PSS	220kV Zenataris_PSS is connected to Hiriur through 220KV-HIRIYUR-ZENATARIS_PSS-1. As per the reports submitted, the triggering incident was YB fault in 220KV-HIRIYUR-ZENATARIS_PSS-1 and the line tripped. Tripping of the only connected line led to complete outage of ZENATARIS_PSS - 220KV	21-03-2026 14:09	0	0	GD - 1	16-04-2026	-	Not Considered

6	Complete Outage of 220kV Serentica_RI3PL_Gadag_Solar and 220kV Serentica_RI3PL_Gadag_wind	As per the reports submitted, the triggering incident was R-G fault in 220KV-GADAG_PSS-Serentica_RI3PL_Gadag_Solar-1 and the line tripped. Tripping of the only connected line led to complete outage of 220kV Serentica_RI3PL_Gadag_Solar and 220kV Serentica_RI3PL_Gadag_wind	23-03-2026 21:58	0	0	GD - 1	02-04-2026	26-03-2026	Considered
7	Complete Outage of 220kV TP SAURYA of TATA POWER	220kV TP SAURYA is connected radially to KOPPAL through 220KV-TP SAURYA LIMITED-KOPPAL-1. The triggering incident is the R-G fault in the 220KV-TP SAURYA LIMITED-KOPPAL-1 line and tripping of the only line connected to 220kV TP SAURYA led to the Complete Outage of 220kV TP SAURYA of TATA POWER	25-03-2026 16:23	7	0	GD - 1	10-04-2026	03-04-2026	Considered
8	Complete Outage of 220kV SAEL2	The triggering incident was R-G fault in 220KV-KURNOOL_PG_III-SAEL2-1 and the line tripped. Tripping of the only connected line led to complete outage of 220kV SAEL2	29-03-2026 15:55	150	60	GD - 1	07-04-2026	31-03-2026	Considered
9	Complete Outage of 220kV Renew_Surya_Koppal of RENEW	As per the reports submitted, the triggering incident was tripping of 220kV Koppal-RSRPL line while charging 220/33kV ICT-2 at 220kV Renew_Surya_Koppal and DT was sent to Koppal end and the line tripped. Tripping of the only connected line led to complete outage of 220kV Renew_Surya_Koppal.	30-03-2026 14:11	1	0	GD - 1	15-04-2026	-	Not Considered

10	Complete outage of 220kV RSRPL_GadagPS of Renew	As per the reports submitted, the triggering incident was YB-G fault in 220kV Gadag RSRPL_Gadag_PS line at 205 line bay at RSRPL end. At RSRPL end, the fault was sensed in I>4 over current protection and DT was sent to Gadag end. However the line tripped only at RSRPL end and the line was holding at Gadag end. Tripping of the only connected line led to complete outage of 220kV RSRPL_GadagPS.	05-04-2026 08:55	10	0	GD - 1	27-04-2026	20-04-2026	Considered
11	Complete Outage of 230 kV Arani and Echur of TANTRANSCO	The triggering incident is the 110kV Y-ph bus PT failure at Arani (as per FIR) causing 110 kV Bus Fault. Without 110kV BBP, the Bus fault was sensed and the lines tripped on Z3 protection operation at remote ends other than 230KV-ARNI-ECHUR-1. 230KV-MAPS-ECHUR-1 line tripped on DEF protection leading to the Complete Outage of 230 kV Arani and Echur of TANTRANSCO	05-04-2026 23:39	0	231	GD - 1	15-04-2026	08-04-2026	Considered
12	Complete Outage of 220kV Tadipathri	During antecedent conditions, 220kV Tadipathri Boareddypalli line was under LC. 220kV Tadipathri SS was being fed through 132kV network through 132kV Tadipathri Kondapuram and 132kV Gooty RS-Gudipadu-Ankireddypalli-Komali- Tadipatri feeders. As per the reports submitted, at 14:56hrs, 132kV Tadipathri Ankireddypalli line tripped on R-G fault. Subsequently, 132kV Ankireddypalli Gudipadu feeder tripped on non directional over current protection at Ankireddypalli end.	10-04-2026 14:56	27	97	GD - 1	22-04-2026	16-04-2026	Considered

		Tripping of both sources led to complete outage of 220kV Tadipathri SS.							
13	Complete Outage of 220kV Upper Jurala of TGGENCO	220kV Upper Jurala PH was radially connected through 220kV Upper Jurala-Raichur-1&2. The triggering incident is the BBP maloperation at Upper Jurala leading to the tripping of 220kV Upper Jurala-Raichur-1&2. With the tripping of the only connected lines to the 220kV Upper Jurala led to the complete outage of 220kV Upper Jurala of TGGENCO	14-04-2026 05:32	0	0	GD - 1	-	-	-
14	Complete Outage of 220kV Pallom SS and 220kV New Pallom SS of KSEB	As per the reports submitted, the triggering incident was B-G bus fault on 220kV Bus-2 of 220kV New Pallom station within the bus protection zone of 220kV Pallom New Pallom line . However, 220kV Bus-2 BBP did not operate at 220kV New Pallom SS and the fault was continuously being fed through 220kV lines connected to 220kV Pallom SS and 220kV New Pallom SS . Eventually these 220kV lines tripped on zone-2 protection at the remote ends and this led to complete outage of 220kV Pallom SS and 220kV New Pallom SS	14-04-2026 16:40	0	275	GD - 1	25-04-2026	18-04-2026	Considered
15	Complete outage of 400kV JSW_Rajapura and JSW_Gowripura of JSW	400kV JSW_Rajapura and JSW_Gowripura of JSW is radially connected to Jindal TPS through 400kV Jindal TPS- JSW_Rajapura. The triggering incident is the R-G fault in the multicircuit tower portion in 400kV Jindal-BPS-4 and 400kV Jindal TPS- JSW_Rajapura and the lines tripped. Due to the tripping of the only connected line to	16-04-2026 15:18	200	0	GD - 1	-	-	-

		400kV JSW_Rajapura and JSW_Gowripura led to the complete outage of 400kV JSW_Rajapura and JSW_Gowripura. During the same time 400kV Jindal-BPS-3 tripped due to suspected ground potential rise.							
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II. Details of Grid Incidents

S. No.	Event	Event Analysis	Outage Date & time	Generation Loss (MW)	Load Loss (MW)	Category as per CEA Grid Standards	Date of receipt of Draft Report/ Updated draft report from SRLDC	Date of receipt of User Detailed report	SRLDC furnished revised Report after considering the User Report
1	Tripping of 230kV TTPS Bus-2 of TNPGL	The triggering incident is the Y-G fault in TTPS-Kayathar, where in breaker failed to trip and LBB operated leading to tripping of Bus-2 at TTPS.	17-03-2026 15:15	0	0	GI-1	17-04-2026	16-04-2026	Considered
2	Tripping of 400kV Bus-1 of 400kV Kalaburagi SS	As per the reports submitted, while opening the bus reactor 400kV Bus-1 of Kalaburagi got tripped tripping all elements connected to the 400kV Bus-1	18-03-2026 07:51	0	0	GI-2	13-04-2026	22-04-2026	Not Considered
3	Tripping of 220kV Bus-2 at Idduku PH of KSEB	As per the reports submitted, the triggering incident was B-G fault in 220kV Bus-2 of Idukki PH . Immediately, 220kV Bus-2 BBP operated and all elements connected to the Bus-2 tripped.	18-03-2026 15:26	102	0	GI-1	30-03-2026	23-03-2026	Considered

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4	Tripping of 400kV Bus-2 of 400kV Doni S of KPTCL	As per the reports submitted, the triggering incident was B-G fault in 400kV Bus-2 due to B-phase limb flashover during Bus reactor CB operation. Immediately, 400kV Bus-2 BBP operated and all main breakers connected to 400kV Bus-2 tripped resulting in loss of power supply to 400kV Dhoni Bus-2. It is reported that the Tie breaker of 400kV/220kV Dhoni ICT-1 was hand tripped by the shift engineer during fault. This led to the loss of power supply to tripping of 400kV/220kV Dhoni ICT-1.	20-03-2026 08:03	0	0	GI-2	28-03-2026	21-03-2026	Considered
5	Tripping of 230kV Bus-1 of Karaikudi SS of TANTRANSCO	As per the reports submitted, the triggering incident was B-G fault in 230kV Karaikudi Bus-1 and BBP operated tripping all elements connected to the 230kV Karaikudi Bus-1. 230kV Bus-2 and 110kV side was in service during the event.	26-03-2026 17:57	0	0	GI-1	07-04-2026	31-03-2026	Considered
6	Tripping of 400kV Bus-2 at Dichipally of TGTRANSCO	The triggering incident is the R-G Bus fault in 400 kV Bus-2 due to bus post insulator failure leading to Bus Bar protection Operation and leading to the tripping of 400kV Bus-2 at Dichipally due to inclement weather conditions. 400 kV Dichipally-Nirmal line and 400 kV/220 kV Dichipally ICT-4 got tripped during the event.	04-04-2026 22:26	0	0	GI-2	23-04-2026	20-04-2026	Considered

III. Single/Multiple Element Tripping with Protection Violation

S. No.	Event	Event Analysis	Outage Date & time	Points for Review	Remedial Actions Furnished
1	400KV-TIPPAPUR-CHANDALAPUR-2	As per the reports submitted 400 kV Tippapur-Chandalapur line got tripped due to suspected earth leakage in Chandalapur end. The line got tripped at Chandalapur end. DT was send from Chandalapur end and DT was received at Tippapur end and it tripped. As per the reports submitted 400 kv Chandalapur-Gajwel line tripped at Chandalapur end only due to earth leakage fault. No DR triggered at Gajwel end and line still in the service at Gajwel end.	16-03-2026 12:28	TGTRANSCO : 1. Tripping of the line due to DC earth leakage needs review	
2	400KV-GAJWEL-CHANDALAPUR-1	As per the reports submitted 400 kV Chandalapur-Gajwel line tripped at Chandalapur end only due to earth leakage fault. No DR triggered at Gajwel end and line still in the service at Gajwel end.	16-03-2026 13:10	TGTRANSCO : 1. The tripping of the line only at CHANDALAPUR due to DC earth fault need review.	
3	Multiple Trippings at 400kV JSW Thermal of JSW	As per the reports submitted, the triggering incident is the R-G fault in 400KV-BPS-JAGALUR-2 line. The fault was sensed at both ends in Z1 and AR operated and was successful. During the same instance, 400KV-JINDAL-BPS-3 & 4 breakers have opened only at JINDAL end without any trip indications (as per FIR). From the DRs at JINDAL end, it can be observed that Zone 3 has started in both the lines, but trip was not issued from the relay and breakers opened due	16-03-2026 17:10	JSW THERMAL : 1. Tripping of the 400KV-JINDAL-BPS-3 & 4 lines at JINDAL end without any relay trip indication needs review 2. Y-ph current (secondary) spike in 400KV-JINDAL-BPS-3 at JINDAL end needs review	

		to suspected ground potential rise (as per FIR). It can be observed that in 400KV-JINDAL-BPS-3 at JINDAL end, the current in the Y-ph spike of 41kA was observed.			
4	400KV-ALAMATHY-SUNGAVARACHATRAM-1	As per the reports submitted, at Sungavarachatram end overvoltage was sensed and overvoltage stage 1 protection operated and voltage in Y ph is observed to be higher than other 2 phases and DT was send from Sungavarachatram end and upon receiving the DT signal from remote end 3 phase tripping was observed at Alamathy end.	19-03-2026 02:35	<u>TANTRANSCO</u> : 1. Y ph voltages are observed to be on the higher side than other phases in the line at SUNGAVARACHATRAM end needs review	
5	220KV-SRISAILAM_RIGHT_B ANK-NAGARJUNASAGAR_T S-1	As per the reports submitted the triggering incident was high resistance R-G fault in the line (based on the DR, it can be observed from R/X plot that the fault angle at Srisailam end is around 0 degrees and at Nagarjuna Sagar end the fault angle is around 13 degrees). From the both the ends, DEF operated and 3 ph tripped.	26-03-2026 12:35	<u>APGENCO</u> : 1. Non configuration of DT for DEF needs review	
6	400KV-KRISHNAPATNAM-SEIL_P2-1	In the antecedent condition, 409 Main CB which is connected to Bus-2 was under LC and the line was only connected through 408 Tie Breaker. As per the reports submitted, the triggering incident is the opening of Y-pole breaker without any fault in 400KV-KRISHNAPATNAM-SEIL_P2-1 only at KRISHNAPATNAM end. After which Pole discrepancy operated after around 7.5 seconds leading to the tripping of R and B	28-03-2026 17:23	<u>APGENCO</u> : 1. Tripping of Y-ph pole without any fault needs review 2. Pole Discrepancy timer needs review	

		poles. This led to the 3ph tripping at KRISHNAPATNAM end. The line was holding at SEIL_P2 end. {{ temp_image_brief_analysis_5438_0 }}			
7	400KV-KURNOOL_PG-NAGARJUNASAGAR_PG-1	As per the reports submitted, the triggering incident is the relay maloperation at NAGARJUNASAGAR_PG end and 3ph tripped and DT was sent to remote end. At Kurnool end, DT was received and 3ph trip.	02-04-2026 14:47	PGCIL SR-1 : 1. Tripping of the line at NAGARJUNASAGAR_PG end due to relay maloperation needs review	
8	400KV-KALPAKKA-ASUPAKA-1	As per the reports submitted , the triggering incident was B-G fault in the line.At Asupaka end, the fault was sensed in zone-1 and B-pole opened. After around 1000ms, A/R operated and the fault was sensed again in zone-1 and line tripped on persistent fault with no delay. At KALPAKKA end ,the fault was sensed in carrier aided zone-2 and B-pole opened. After around 1200ms, A/R operated and the fault was sensed in zone-2 and the line tripped with a delay of 560ms.	03-04-2026 12:03	APTRANSCO : 1. Non operation of SOTF at Kalpakka end after A/R operation. 2. Difference in A/R dead time between Kalpakka and Asupaka end. TGTRANSCO : 1. Difference in A/R dead time between Kalpakka and Asupaka end.	
9	400KV-DICHPALLY-NIZAMABAD-1	During the fault at Nirmal substation due to inclement weather, 400KV-DICHPALLY-NIZAMABAD-1 line tripped only at NIZAMABAD end.	04-04-2026 22:31	PGCIL SR-1 : Tripping of the line only at NIZAMABAD end needs review	
10	400KV-MANALI-PULIYANTHOPE-2 Jumper cut event	As per the reports submitted, the triggering incident was R Phase Pilot Suspension Insulator flash over at Location No.8 from Manali end. At Manali end, the fault was	06-04-2026 05:20	TANTRANSCO : 1. Non operation of Tie CB A/R at Manali end	

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		sensed in line differential protection and R-pole of Main CB and Tie CB opened. After 1s, main CB A/R operated and all 3 poles of Main CB tripped on persistent R-B fault. However, Tie CB A/R did not operate by that time and Y and B-poles of Tie CB were closed. After 2.5s from the fault inception, Tie CB Y and B-poles opened on suspected pole discrepancy. At puliyanthope end, the fault was sensed in line differential protection, and R-pole of Main CB and Tie CB opened. After 1s, main CB A/R operated and all 3 poles of Main CB and Tie CB tripped on R-B persistent fault.			
11	400KV-GUTTUR-HIRIYUR-1	As per information from KPTCL, the 400KV-GUTTUR-HIRIYUR-1 line tripped only at GUTTUR end due to the PD relay Aux contact connectivity cable failure leading to the tripping of only R-pole and after around 1.5s suspected PD operated and 3ph tripped (from PMU). {{ temp_image_brief_analysis_5492_0 }}	09-04-2026 11:22	<u>KPTCL</u> : 1. Tripping of the 400KV-GUTTUR-HIRIYUR-1 line at GUTTUR only due to PD relay Aux contact connectivity cable failure needs review	
12	Multiple trippings at BPS	As per the reports submitted, the triggering incident Y-G fault in BPS-YTPS_1 line . At YTPS end the fault was sensed in Zone 2 and at BPS end the fault was sensed in Zone 1. A/R didn't operate from both the ends. At YTPS end 3 phase tripping was observed and at BPS end upon receiving the DT 3 phase tripping was observed. After tripping of YTPS-BPS-1 line at JSW end of JINDAL-BPS-4 line the fault was sensed in Zone 3 but no master trip	13-04-2026 14:02	<u>JSW THERMAL</u> : 1. Tripping of 400KV-JINDAL-BPS-4 only at JINDAL end during fault in 400KV-BPS-YTPS-1 line needs review	

		was initiated. Line got tripped at Jindal end due to suspected Ground Potential Rise. JINDAL-BPS-4 line was holding from BPS.			
13	Multiple trippings at 400kV Chandalapur	The triggering incident is the B-G fault in 400kV GAJWEL-CHANDALAPUR-2 line. At GAJWEL end, the fault was sensed in Z2 carrier aided trip, AR operated and tripped due to persistent fault. At CHANDALAPUR end, the fault was sensed in Z1 and 3ph tripped due to I>4 operation. Also during the same time 400kV GAJWEL-CHANDALAPUR-1 line tripped only at CHANDALAPUR end due to I>4.	14-04-2026 13:41	TGTRANSCO : 1. Tripping of 400KV-GAJWEL-CHANDALAPUR-1 only at CHANDALAPUR end on I>4 due to fault in 400KV-GAJWEL-CHANDALAPUR-2 line needs review 2. Non operation of AR in 400KV-GAJWEL-CHANDALAPUR-2 at CHANDALAPUR end needs review	
14	400KV/6.9KV MANUGURU-ST-1	As per the reports submitted, the triggering incident is the opening of 403-89A R-ph isolator suspectedly due to power fluctuations (i.e load transfer from Unit to station bus by FBTS), power supply might have been extended to the open contactor (as per FIR). Due to the opening of the isolator led to the imbalance current and earth fault picked and tripped after around 2s.	15-04-2026 09:41	TGGENCO : 1. Opening of isolator needs review 2. Enabling of non directional EF needs review	
15	400KV/230KV SRIPERUMBADUR_TN-ICT-3	As per the reports submitted, the triggering incident was RY fault in external 230kV NCTPS feeder & 230kV ControlS feeder. At the same time, 400KV/230KV SRIPERUMBADUR_TN-ICT-3 tripped on maloperation of buchholz relay due to oil turbulence.	15-04-2026 13:38	TANTRANSCO : Tripping of 400KV/230KV SRIPERUMBADUR_TN-ICT-3 for external fault	
16	400KV-HINDUJA-KALPAKKA-2	As per the reports submitted, line got tripped due to human error at Kalpakka end during the	16-04-2026 17:49		

		charging of Bus Reactors and no protection operation is seen in the DR. At Hinduja end DT was received and the line tripped.		APTRANSCO : 1. The reason for tripping of line at Kalpakka end needs review	
17	400KV/220KV GUTTUR-ICT-1	As per reports submitted, the triggering incident was closing of TCIV of 400 kV/220 kV ICT-1 . Due to closing of TCIV no oil circulated from conservator to main tank leading to Buchholz tripping of the transformer.	19-04-2026 01:14	KPTCL : Buchoz relay maloperation needs review	KPTCL : TCIV valve was reset & kept to back into service mode and observed no oil flow through the valve. Hence valve was kept in filtration mode to enable oil circulation. air was released from all vents of the power transformer & buch relay was reset. In this incident it was found that the aircel bag of conservator was damaged and oil oozed out through breather. The breather set with silica gel was replaced by new one.
18	400KV/230KV PULIYANTHOPE-ICT-1	As per the reports submitted, the ICT tripped due to OLTC PRV maloperation due to sluggish contacts of the PRV .	19-04-2026 05:32	TANTRANSCO : Reason for PRV maloperation	TANTRANSCO : Both NO contacts of OLTC PRV was made series for Tripping to avoid spurious tripping
19	400KV-KAYATHAR- KANARPATTI-1	As per the reports submitted, tripping in the line initiated by human error during testing process of ICT in 400 kV Kayathar bay. Due to this testing error LBB protection at Kayathar end started and DT signal send to Kanarpatti end. After receiving the DT signal line got tripped at Kanarpatti end.	20-04-2026 13:30	TANTRANSCO : 1. The maloperation of LBB needs review.	

IV. Non-operation of Auto recloses during transient fault

S. No.	Event	Event Analysis	Outage Date & time	Points for Review	Remedial Actions Furnished
1	400KV-KALPAKKA-KHAMMAM_PG-1	As per the reports submitted the triggering incident was R-G fault in the line. At both ends fault was sensed in Zone 1. A/R didn't operate at both ends due to carrier fail Ch 1 & 2 (as per FIR) and 3 phase tripping was observed.	29-03-2026 13:52	APTRANSCO : 1. The non operation of AR need to be reviewed. PGCIL SR-1 : 1. The non operation of AR need to be reviewed.	
2	400KV-PAVAGADA_PG-TUMKUR-2	As per the reports submitted the triggering incident was B-G fault in the line. At both ends fault was sensed in Zone 1 and A/R operated at Pavagada and was successful. From Tumkur end AR didn't operated and 3 phase tripping was observed.	31-03-2026 18:21	PGCIL SR-2 : 1. Non operation of A/R at Tumkur end need review.	
3	765KV-THIRUVALAM-ARIYALUR-1	As per the reports submitted, the triggering incident was Y-G fault in the line. At THIRUVALAM end, the fault was sensed in Zone-1, Y-pole opened and after 1s AR did not operate and 3ph tripped (main breakers) after which the tie breakers also did not attempt and tripped after around 2s from the fault. At ARIYALUR end, the fault was sensed in Z1, AR operated, AR was successful and the line was holding.	04-04-2026 19:36	PGCIL SR-2 : 1. Non operation of AR at THIRUVALAM end needs review	

4	400KV-CHOUTUPPAL-KHAMMAM_PG-1	As per reports submitted, the triggering incident was B-G fault in the line. At CHOUTUPPAL end, the fault was sensed in Z1 but A/R did not operated and 3ph tripped. At KHAMMAM end, the fault was sensed in Z1 and A/R operated the line tripped due to persistent fault.	06-04-2026 15:59	<u>TGTRANSCO</u> : 1. Non operation AR at CHOUTUPPAL end needs review	
5	220KV-NP_KUNTA PSS3-NP_KUNTA-1	As per the reports submitted, the fault triggering incident was B-G fault in the line. At NP_KUNTA end the fault was sensed in differential protection , A/R operated but due to persistent fault 3 phase tripping was observed. At NP_KUNTA PSS3 end fault was sensed in differential protection , A/R didn't operate and 3 phase tripped for the first fault itself.	13-04-2026 14:02	<u>APSPCL</u> : 1. Non-operation of AR at NP Kunta PSS3 end	
6	400KV-SURYAPET-KETHIREDDYPALLY-1	As per the reports submitted , the triggering incident was B-G fault in the line. At SURYAPET end, the fault was sensed in Z2 and A/R operated and was successfull and the line was holding. At KETHIREDDYPALLY end, the fault was sensed in Z1 , A/R did not operated due to master trip relay operation in Main-I PCS relay and 3ph tripped	13-04-2026 18:06	<u>TGTRANSCO</u> : 1. Non operation of AR at KETHIREDDYPALLY end needs review	
7	220KV-NP_KUNTA PSS3-NP_KUNTA-1	As per the reports submitted, the triggering incident was B-G fault in the line. At NP_KUNTA end the fault was sensed in differential protection , A/R operated but due to persistent fault 3 phase tripping was observed. At NP_KUNTA PSS3 end the fault	14-04-2026 11:59	<u>APSPCL</u> : 1. Non operation of A/R needs review	

		was sensed in differential protection , A/R didn't operate and 3 phase tripped for the first fault itself.			
8	400KV-KAIGA-GUTTUR-2	As per the reports submitted, the triggering incident is the R-G fault in the line. At Kaiga end, the fault was sensed in Z1, AR operated, AR successful and the line was holding. At Guttur end, the fault was sensed in Z1, AR did not operate and 3ph trip.	20-04-2026 20:25	KPTCL : 1. Non operation of AR at Guttur end needs review	KPTCL : No visible fault found by tlm staff charged stood ok., during next shut down planned to test the relay

V. PLCC Maloperation-related Events

S. No.	Event	Event Analysis	Outage Date & time	Points for Review	Remedial Actions Furnished
NIL					

VI. DR Time Synchronization Issues Related Events

Sl. No	Element	Date & Time	Station at which DR time synchronisation was not observed
1	TP SAURYA LIMITED - 220KV	17-03-2026 19:35	TP SAURYA LIMITED - 220KV
2	400KV-BPS-YTPS-1	17-03-2026 20:27	YTPS - 400KV
3	400KV-BPS-YTPS-2	17-03-2026 21:52	YTPS - 400KV
4	220KV-RAICHUR_KA-UPPER_JURALA-2	18-03-2026 23:11	RAICHUR_KA - 220KV

Grid Occurrences to be discussed during 142nd PCSC meeting to be held on 06.05.2026

5	400KV-ALAMATHY-SUNGA VARACHATRAM-1	19-03-2026 02:35	SUNGA VARACHATRAM - 400KV
6	400KV-ALAMATHY-SUNGA VARACHATRAM-1	19-03-2026 02:35	ALAMATHY - 400KV
7	220KV-HIRIYUR-ZENATARIS_PSS-1	21-03-2026 14:09	HIRIYUR - 220KV
8	220KV-TP SAURYA LIMITED-KOPPAL-1	25-03-2026 16:23	TP SAURYA LIMITED - 220KV
9	TP SAURYA LIMITED - 220KV	25-03-2026 16:23	TP SAURYA LIMITED - 220KV
10	220KV-AMBEWADI-PONDA-2	25-03-2026 21:20	AMBEWADI - 220KV
11	220KV-SRISAILAM_RIGHT_BANK-DINDI-1	26-03-2026 12:17	SRISAILAM_RIGHT_BANK - 220KV
12	KARAIKUDI(TN) - 230KV	26-03-2026 17:57	KARAIKUDI(TN) - 230KV
13	400KV-NCTPS_STAGE_II-SUNGA VARACHATRAM-1	26-03-2026 18:33	SUNGA VARACHATRAM - 400KV
14	220KV-SRISAILAM_RIGHT_BANK-NAGARJUNASAGAR_TS-1	27-03-2026 11:40	SRISAILAM_RIGHT_BANK - 220KV
15	400KV-KALPAKKA-KHAMMAM_PG-1	29-03-2026 13:52	KHAMMAM_PG - 400KV
16	400KV-KALPAKKA-KHAMMAM_PG-1	29-03-2026 13:52	KALPAKKA - 400KV
17	220KV-KURNOOL_PG_III-SAEL2-1	29-03-2026 15:55	SAEL2 - 220KV
18	400KV-PAVAGADA_PG-TUMKUR-2	31-03-2026 18:21	PAVAGADA_PG - 400KV
19	400KV-ALAMATHY-TIRUVALAM_TN-1	03-04-2026 11:58	ALAMATHY - 400KV
20	400KV-DONI-GUTTUR-1	03-04-2026 12:20	GUTTUR - 400KV
21	400KV-ALAMATHY-TIRUVALAM_TN-2	03-04-2026 12:36	ALAMATHY - 400KV
22	400KV-DICHPALLY-NIRMAL-1	04-04-2026 22:26	DICHPALLY - 400KV
23	DICHPALLY - 400KV	04-04-2026 22:26	DICHPALLY - 400KV
24	400KV/220KV DICHPALLY-ICT-4	04-04-2026 22:26	DICHPALLY - 400KV
25	400KV-DICHPALLY-NIRMAL-1	04-04-2026 22:26	NIRMAL - 400KV
26	230KV-ARNI-SINGARPET	05-04-2026 23:39	SINGARPET - 230KV
27	400KV-GUTTUR-HIRIYUR-1	09-04-2026 11:22	GUTTUR - 400KV
28	TADIPATHRI - 220KV	10-04-2026 14:56	TADIPATHRI - 220KV
29	400KV-KALABURAGI-YTPS-2	10-04-2026 15:25	YTPS - 400KV

Grid Occurrences to be discussed during 142nd PCSC meeting to be held on 06.05.2026

30	400KV-KALABURAGI-YTPS-2	10-04-2026 15:25	KALABURAGI - 400KV
31	220KV-SRISAILAM_RIGHT_BANK-NAGARJUNASAGAR_TS-1	12-04-2026 14:38	SRISAILAM_RIGHT_BANK - 220KV
32	220KV-NP_KUNTA PSS3-NP_KUNTA-1	13-04-2026 14:02	NP_KUNTA PSS3 - 220KV
33	400KV-BPS-YTPS-1	13-04-2026 15:52	YTPS - 400KV
34	400KV-BPS-YTPS-1	13-04-2026 15:52	YTPS - 400KV
35	220KV-PALLOM-NEW PALLOM-1	14-04-2026 16:40	NEW PALLOM - 220KV
36	220KV-SABARIGIRI-PALLOM-1	14-04-2026 16:40	SABARIGIRI - 220KV
37	220KV-PUNNAPRA-NEW PALLOM-1	14-04-2026 16:40	PUNNAPRA - 220KV
38	220KV-IDDUKI-NEW PALLOM-1	14-04-2026 16:40	IDDUKI - 220KV
39	NEW PALLOM - 220KV	14-04-2026 16:40	NEW PALLOM - 220KV
40	400KV/6.9KV MANUGURU-ST-1	15-04-2026 09:41	MANUGURU - 400KV
41	400KV/230KV SRIPERUMBADUR_TN-ICT-3	15-04-2026 13:38	SRIPERUMBADUR_TN - 400KV
42	220KV-SRISAILAM_RIGHT_BANK-NAGARJUNASAGAR_TS-1	16-04-2026 12:15	SRISAILAM_RIGHT_BANK - 220KV
43	220KV-SRISAILAM_RIGHT_BANK-NAGARJUNASAGAR_TS-1	18-04-2026 12:04	SRISAILAM_RIGHT_BANK - 220KV
44	400KV/230KV PULIYANTHOPE-ICT-1	19-04-2026 05:32	PULIYANTHOPE - 400KV
45	765KV-KURNOOL_PG-CUDDAPAH-2	19-04-2026 18:01	CUDDAPAH - 765KV
46	765KV-KURNOOL_PG-CUDDAPAH-2	19-04-2026 18:01	KURNOOL_PG - 765KV
47	220KV-KOTHAGUDEM_TPS-TIRUVURU-1	20-04-2026 15:04	TIRUVURU - 220KV
48	400KV-KAIGA-GUTTUR-2	20-04-2026 20:25	GUTTUR - 400KV
49	400KV-KAIGA-GUTTUR-2	20-04-2026 20:25	KAIGA - 400KV
