

Element wise Outage Details of Warora-Kurnool Transmission Limited(WKTL_SR) for FY 2024 - 25

Element Name	Outage	Restoration	Duration of Outage Attributable to				Reason of Outage	% Availability
	Date Time	Date Time	Inter-State Transmission Licensee Hrs:Min	Others Hrs:Min	System constraint/ Natural calamity/ Militancy Hrs:Min	Deemed Available Hrs:Min		
400kV Warangal New-Warangal PG Line -1	20-04-2024 15:11	20-04-2024 16:24	1:13	0:00	0:00	0:00	400kV Warangal New-Warangal PG Line -1 tripped while carrying out CSD fine tuning activity in tie bay of ICT#1 IV side. Charging codes are - SRLDC – 2497	99.83%
765/400kV 1500MVA ICT-1 at Warangal New SS	20-04-2024 09:44	20-04-2024 16:06	0:00	0:00	0:00	6:22	765/400kV 1500MVA ICT-1 at Warangal New SS Outage taken for CSD fine tuning. As per OCC Minutes the first time CSD commissioning would be considered as a Deemed. Discharging Code-SRLDC-2435,NLDC-1760 Charging code-SRLDC-2495,NLDC-1805	100.00%
765/400kV 1500MVA ICT-2 at Warangal New SS	21-04-2024 09:27	21-04-2024 14:10	0:00	0:00	0:00	4:43	765/400kV 1500MVA ICT-2 at Warangal New SS Outage taken for CSD fine tuning. As per OCC Minutes the first time CSD commissioning would be considered as a Deemed. Discharging Code-SRLDC-2543,NLDC-1854 Charging code-SRLDC-2564,NLDC-1872	100.00%
765kV Bus Reactor-1	16-04-2024 09:32	16-04-2024 16:33	0:00	0:00	0:00	7:01	765kV Bus Reactor-1 Outage was taken for CSD fine tuning. As per OCC Minutes the first time CSD commissioning would be considered as a Deemed. Discharging Code-SRLDC-1930,NLDC-1301 Charging code-SRLDC-1977,NLDC-1358	100.00%
765kV Bus Reactor-2	18-04-2024 09:52	18-04-2024 17:12	0:00	0:00	0:00	7:20	765kV Bus Reactor-1 Outage was taken for CSD fine tuning. As per OCC Minutes the first time CSD commissioning would be considered as a Deemed. Discharging Code-SRLDC-2208,NLDC-1547 Charging code-SRLDC-2287,NLDC-1588	
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line reactor-1 at Warangal New SS	26-04-2024 10:03	26-04-2024 16:02	0:00	0:00	0:00	5:59	765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line reactor-1 at Warangal New SS Outage was taken for CSD fine tuning. As per OCC Minutes the first time CSD commissioning would be considered as a Deemed. Discharging Code-NLDC –2328, SRLDC – 3168 Charging code-NLDC – 2365, SRLDC – 3192	100.00%
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line reactor-2 at Warangal New SS	29-04-2024 10:55	29-04-2024 16:37	0:00	0:00	0:00	5:42	765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line reactor-2 at Warangal New SS Outage was taken for CSD fine tuning. As per OCC Minutes the first time CSD commissioning would be considered as a Deemed. Discharging Code-NLDC –2593, SRLDC – 3485 Charging code-NLDC – 2609, SRLDC – 3510	100.00%
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2	21-04-2024 11:35	21-04-2024 12:14	0:39	0:00	0:00	0:00	765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2 tripped while carrying out CSD fine tuning activity in tie bay of ICT#2 HV side Charging codes are - NLDC – 1869, SRLDC – 2559	99.91%
765kV Warangal New- Warora PS PGCIL Line-2	06-04-2024 13:49	06-04-2024 17:21	0:00	0:00	0:00	3:32	765kV Warangal New- Warora PS PGCIL Line-2 Tripped due to R-phase to Ground fault. Relay Flag Operated & Fault details are Zone-1, Fault phase- R -Phase, Fault Currents – R – 4.176KA , Y – 1.042KA , B – 992A., Fault Distance – 135.3KM The Tripping was happend due to Fire in Forest under the line exactly near about the Fault distance as per relay.Evidences has been attached for the reference. Mail readiness given on 16:50 Hrs and actually charged at 17:21 Hrs Charging codes - SRLDC - 907 NLDC - 498, WRLDC - 669	97.29%
765kV Warangal New- Warora PS PGCIL Line-2	12-04-2024 23:43	13-04-2024 01:49	2:06	0:00	0:00	0:00	765kV Warangal New- Warora PS PGCIL Line-2 Tripped due to R-phase to Ground fault. Relay Flag Operated & Fault details are Zone-1, Fault phase- R -Phase, Fault Currents – R – 3.639KA , Y – 501A , B – 525A & Fault Distance – 237.3KM The First trail run was taken but Line was not hold and tripped again at 01:49 Hrs on 13.04.2024. Mail readiness given on 11:36 Hrs and actually charged on 12:19 Hrs. Charging codes - SRLDC - 1731 NLDC - 1151, WRLDC - 1493	
765kV Warangal New- Warora PS PGCIL Line-2	13-04-2024 01:49	13-04-2024 15:30	13:41	0:00	0:00	0:00	765kV Warangal New- Warora PS PGCIL Line-2 Tripped due to R-phase to Ground fault. Relay Flag Operated & Fault details are Zone-1, Fault phase- R -Phase, Fault Currents – R – 3.639KA , Y – 501A , B – 525A & Fault Distance – 237.3KM During Patrolling Line team has found that earth wire was broken and fallen on the conductor in between the Tower No. 832 & 833. Earth wire snapped Mail readiness given on 11:36 Hrs and actually charged on 12:19 Hrs. Charging codes - SRLDC - 1731 NLDC - 1151, WRLDC - 1493	
765kV Warangal New- Warora PS PGCIL Line-2	13-04-2024 15:30	14-04-2024 09:30	0:00	0:00	0:00	18:00	765kV Warangal New- Warora PS PGCIL Line-2 Tripped due to R-phase to Ground fault. Relay Flag Operated & Fault details are Zone-1, Fault phase- R -Phase, Fault Currents – R – 3.639KA , Y – 501A , B – 525A & Fault Distance – 237.3KM Line team has faced the severe ROW at the Location. So the evidence and the mail communication has been attached for the reference.Photographs with time stamping has taken for the evidence. Mail readiness given on 11:36 Hrs and actually charged on 12:19 Hrs. Charging codes - SRLDC - 1731 NLDC - 1151, WRLDC - 1493	
765kV Warangal New- Warora PS PGCIL Line-2	14-04-2024 09:30	14-04-2024 12:19	2:49	0:00	0:00	0:00	765kV Warangal New- Warora PS PGCIL Line-2 Tripped due to R-phase to Ground fault. Relay Flag Operated & Fault details are Zone-1, Fault phase- R -Phase, Fault Currents – R – 3.639KA , Y – 501A , B – 525A & Fault Distance – 237.3KM In the Morning the ROW has resolved than the line team has started to work for the rectification.Photographs with the time stamping has attached for the reference. Mail readiness given on 11:36 Hrs and actually charged on 12:19 Hrs. Charging codes - SRLDC - 1731 NLDC - 1151, WRLDC - 1493	

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765kV Warangal New- Warora PS PGCIL Line-2	16-04-2024 13:02	16-04-2024 19:44	0:00	0:00	0:00	6:42	765kV Warangal New- Warora PS PGCIL Line-2 Tripped due to R-phase to Ground fault. Relay Flag Operated & Fault details are Zone-1, Fault phase- R -Phase, Fault Currents – R – 3.977KA , Y – 1.086KA , B – 1.016KA & Fault Distance – 145.8KM The Tripping was happend due to Fire in Forest under the line exactly near about the Fault distance as per relay.Evidences has been attached for the reference. Mail readiness given on 19:22 Hrs and actually charged on 19:44 Hrs Charging codes - SRLDC-2029NLDC-1386,WRLDC-1805	
765kV Warangal New- Warora PS PGCIL Line-2	22-04-2024 16:57	22-04-2024 17:50	0:53	0:00	0:00	0:00	765kV Warangal New- Warora PS PGCIL Line-2 was tripped due to R-Phase to Ground fault.The relay Indication & Fault details that are Fault Current - 1.490 kA & Fault Distance - 368.2 km AR successful at 765kV Warangal New end but failed at 765kV Warora end and CB got opened at Warora end. Line was is Ideally charge condition from 765kV Warangal New end. Charging codes - WRLDC – 2517, NLDC – 1979 and SRLDC – 2695	
400kV Warangal New–Warangal PG Line -1	26-05-2024 14:48	26-05-2024 20:54	6:06	0:00	0:00	0:00	400kV Warangal New–Warangal PG Line -1 Trip due to TNC failure. Charging code- SRLDC-3039	99.81%
400kV Warangal New–Warangal PG Line -2	07-05-2024 18:02	07-05-2024 19:03	0:00	0:00	0:00	1:01	400kV Warangal new-Warangal PG line -2 trip due to Over voltage stage-1 Charging code SRLDC-876	100.00%
400kV Warangal New–Warangal PG Line -2	26-05-2024 14:48	26-05-2024 20:50	0:00	0:00	0:00	6:02	400kV Warangal New–Warangal PG Line -2 Trip due B –Phase to ground fault Distance at 23 KM. Charging code- SRLDC-3025 Line is tripped due to fire incident occurs between Tower No. 67 -68 we found the burning of Eucalyptus Trees .The evidence has been attached for the reference.	
765 kV Hyderabad-Kurnool Line-2	19-05-2024 20:48	31-05-2024 00:00	0:00	0:00	267:12	0:00	765 kV Hyderabad-Kurnool Line-2 Discharged due to voltage regulation, Discharging Code- SRLDC-2222, NLDC-1763.	100.00%
765/400kV 1500MVA ICT-1 at Warangal New SS	26-05-2024 14:48	26-05-2024 19:22	4:34	0:00	0:00	0:00	765/400kV 1500MVA ICT-1 at Warangal New SS tripped on Backup Earthfault protection i.e., IN>2 Charging code- SRLDC-3021 NRLDC-2449	99.39%
765/400kV 1500MVA ICT-2 at Warangal New SS	26-05-2024 14:48	26-05-2024 19:25	4:37	0:00	0:00	0:00	765/400kV 1500MVA ICT-2 at Warangal New SS tripped on Backup Earthfault protection i.e., IN>2 Charging code- SRLDC-3023 NRLDC-2050	99.38%
765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line reactor-1 at C'peta SS	07-05-2024 18:06	07-05-2024 19:30	1:24	0:00	0:00	0:00	765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line reactor-1 trip due to setting issue during AR of Line Charging Coce- SRLDC- 874, NRLDC- 613	99.81%
765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line-1	05-05-2024 18:50	06-05-2024 01:36	6:46	0:00	0:00	0:00	765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line-1 trip due to R-Phase to Ground fault Distance – 53.99KM. Charging code- SRLDC-565 NRLDC-407 Readiness given on 01:06 Hrs and actually charged on 03:08 Hrs .So the restoration time woul be considered 01:36 Hrs. after 30 minutes duration considered for the Code process.	98.99%
765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line-1	07-05-2024 17:06	07-05-2024 17:53	0:47	0:00	0:00	0:00	765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line -1 tripped due to Y Phase to Ground fault Distance at 49.67 KM Charging Coce- SRLDC- 850, NRLDC- 602	
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-1	26-05-2024 14:44	26-05-2024 19:16	4:32	0:00	0:00	0:00	765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-1 Trip due B-Phase to Ground fault Distance at 78.64 KM. Charging code- SRLDC-3016,NRLDC-2448	99.39%
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2	31-05-2024 17:21	31-05-2024 19:55	0:00	0:00	0:00	2:34	765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2 trip on B-phase to ground Fault Distance at 7.98 KM due to permanent fault on line Charging Code- SRLDC-3730 NRLDC-3028 Line is Tripped due to burning of agriculture waste between Tower No. 33-34 we found the burning of agriculture waste	100.00%
765kV Warangal New- Warora PS PGCIL Line reactor-1 at Warangal New SS	04-05-2024 09:56	04-05-2024 12:18	0:00	0:00	0:00	2:22	765kV Warangal New- Warora PS PGCIL Line reactor-1 at Warangal New SS Outage taken for CSD fine tuning , Discharging code- SRLDC–366, NLDC–267 Charging code-SRLDC– 400, NLDC – 285 Readiness given on 12:00 Hrs and actually charged on 12:18 Hrs	100.00%
765kV Warangal New- Warora PS PGCIL Line reactor-2 at Warangal New SS	05-05-2024 09:22	05-05-2024 11:21	0:00	0:00	0:00	1:59	765kV Warangal New- Warora PS PGCIL Line reactor-2 at Warangal New SS Outage taken for CSD fine tuning, Discharging Code-SRLDC-356,NLDC-507 Charging code-SRLDC-516,NLDC-371 Readiness given on 11:05 Hrs and actually charged on 11:21 Hrs	100.00%
765kV Warangal New- Warora PS PGCIL Line-1	07-05-2024 14:31	07-05-2024 15:35	1:04	0:00	0:00	0:00	765kV warangal new-Warora line - 1 trip due R Phase to Ground fault Distance at 195.7KM Charging code SRLDC-808,NLDC-574,WRLDC-644 Readiness given on 14:31 Hrs and actually charged on 15:35 Hrs	99.86%
765kV Warangal New- Warora PS PGCIL Line-2	03-05-2024 13:27	03-05-2024 15:53	0:00	0:00	0:00	2:26	765kv warangal new-Warora line - 2 trip due to zone 1 R-N phase in Zone-1 at Fault Distance – 137.0KM. Charging code SRLDC-292,NLDC-207,WRLDC-252 Readiness given on 15:30 Hrs and actually charged on 15:53 Hrs Line tripped due to burning of Reserve Forest in between the T.No. 346-347.The evidence has been attached for the reference.	99.96%
765kV Warangal New- Warora PS PGCIL Line-2	08-05-2024 18:47	08-05-2024 19:06	0:19	0:00	0:00	0:00	765kV Warangal New- WARORA PGCIL Line -2 trip while checking DC Earth fault. Charging Code - SRLDC - 1041, NLDC- 732, WRLDC- 845	
765 kV Hyderabad-Kurnool Line-2	01-06-2024 00:00	09-06-2024 13:47	0:00	0:00	205:47	0:00	765 kV Hyderabad-Kurnool Line-2 manually discharged due to voltage regulation. Discharging Code- SRLDC-2222, NLDC-1763, Charging code- SRLDC-943 NLDC-836	100.00%

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	Date Time	Date Time	Inter-State Transmission Licensee Hrs:Min	Others Hrs:Min	System constraint/ Natural calamity/ Militancy Hrs:Min	Deemed Available Hrs:Min		
765kV Warangal New- Warora PS PGCIL Line-2	02-06-2024 19:15	02-06-2024 20:43	1:28	0:00	0:00	0:00	765kV Warangal New- Warora Line-2 Trip due to Y-phase to ground fault in zone-1 at the fault distance – 6.172 KM Charging code- SRLDC-217,NRLDC-172,WRLDC-174	99.80%
765 kV Hyderabad-Kurnool Line-1	11-06-2024 20:26	24-06-2024 15:16	0:00	0:00	306:50	0:00	765 kV Hyderabad-Kurnool Line-1 manually discharged due to voltage regulation. Discharging Code- SRLDC-1264, NLDC-1122, Charging code- SRLDC-2749 NLDC-2277	100.00%
765 kV Hyderabad-Kurnool Line-2	01-07-2024 00:00	13-07-2024 10:52	0:00	0:00	298:52	0:00	765 kV Hyderabad-Kurnool Line-2 Discharged due to voltage regulation. Discharging Code- SRLDC-3492, NLDC-2804 Charging code- SRLDC-1662 NLDC-901	93.61%
765 kV Hyderabad-Kurnool Line-2	20-07-2024 09:16	22-07-2024 08:48	47:32	0:00	0:00	0:00	765 kV Hyderabad-Kurnool Line-2 was tripped in Y-phase ground fault due to insulator failure at Tower no -1 Charging code- SRLDC-2642 NLDC-1598	
765 kV Hyderabad-Kurnool Line-1	30-07-2024 20:36	31-07-2024 23:59	0:00	0:00	27:23	0:00	765 kV Hyderabad-Kurnool Line-1 was Discharged due to voltage regulation. Discharging Code- SRLDC-3800, NLDC-2359	100.00%
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-1	16-07-2024 13:06	16-07-2024 19:52	6:46	0:00	0:00	0:00	765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-1 was tripped in B-phase to Ground fault.	69.99%
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-1	16-07-2024 19:52	17-07-2024 09:59	0:00	0:00	14:07	0:00	As per Instruction Received from SRLDC 765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-1 was manually out for voltage regulation. Discharging code- SRLDC-2021 NLDC-1177	
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-1	17-07-2024 09:59	17-07-2024 17:18	7:19	0:00	0:00	0:00	As per instruction given by Grid the charging attempt was taken as line was already out in voltage regulation but at the time of charging line was did not hold. So the patrolling carried out from T.No: 154 (Warangal End – 60.6 Kms & Maheshwaram End – 73.85Kms) to T.No: 206 (Warangal End – 81.38 Kms & Maheshwaram End – 53.79Kms) But No abnormalities were found during the patrolling. So the trail run taken and line was charged successfully. SRLDC-2109,NLDC-1221	
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-1	20-07-2024 03:57	21-07-2024 19:15	39:18	0:00	0:00	0:00	765kV Warangal New – PG Maheshwaram Ckt-1 (Hyderabad) AR successful on Zone-1 Protection operated but due to permanent fault line got tripped B-Phase to ground fault distance at 82.64KM	
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-1	21-07-2024 19:15	22-07-2024 09:42	0:00	0:00	14:27	0:00	As per the Instruction Received from SRLDC 765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-1 was manually out for voltage regulation Discharging code- SRLDC-2618 NLDC-1585	
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-1	22-07-2024 09:42	29-07-2024 11:35	169:53	0:00	0:00	0:00	As per instruction given by Grid the charging attempt was taken as line was already out in voltage regulation so at the time of charging line was tripped again in Y-phase to ground fault. So the patrolling was carried out and We had found the Y- phase Insulator damaged then replaced it and line was charged successfully. Charging code -3591,NLDC-2227	99.75%
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2	01-07-2024 16:27	01-07-2024 18:20	1:53	0:00	0:00	0:00	765kV Warangal New-Maheshwaram ckt-2 Emergency outage taken for CT Secondary cable loose connection. Readiness mail has been sent at 17:59 Hrs. on 01.07.2024 Discharging code-SRLDC-86,NLDC-58 Charging code- SRLDC-101,NRLDC-66	
765 kV Hyderabad-Kurnool Line-1	01-08-2024 00:00	31-08-2024 23:59	0:00	0:00	743:59	0:00	As per instruction received from SLDC the 765 kV Hyderabad-Kurnool Line-1 was discharged for voltage regulation. Discharging Code- SRLDC-3800, NLDC-2359	
765 kV Hyderabad-Kurnool Line-2	07-08-2024 19:44	09-08-2024 17:10	45:26	0:00	0:00	0:00	765 kV Hyderabad-Kurnool Line-2 trip due to R phase to Ground Fault on 07.08.2024 at 19:44Hrs During line patrolling found Insulator failure at T.No.359. Readiness time 16:40 Hrs. Acknowledging the additional 30 minutes allocated for the code process, the updated restoration time is set to be 17:10 Hrs. Charging code- SRLDC-1162,NRLDC-564	93.89%
765 kV Hyderabad-Kurnool Line-2	09-08-2024 17:10	09-08-2024 17:50	0:00	0:00	0:00	0:40	765 kV Hyderabad-Kurnool Line-2 trip due to R phase to Ground Fault on 07.08.2024 at 19:44Hrs During line patrolling found Insulator failure at T.No.359. Readiness time 16:40 Hrs. Acknowledging the additional 30 minutes allocated for the code process, the updated restoration time is set to be 17:10 Hrs. Charging code- SRLDC-1162,NRLDC-564	
400kV Warangal New–Warangal PG Line -2	06-08-2024 10:25	06-08-2024 15:28	0:00	5:03	0:00	0:00	400kV Warangal New–Warangal PG Line -2 Emergency Shutdown taken by Power Grid End for Isolator rectification work Discharging Code- SRLDC-795, Charging code- SRLDC-824	99.66%
400kV Warangal New–Warangal PG Line -2	06-08-2024 15:28	06-08-2024 17:58	2:30	0:00	0:00	0:00	400kV Warangal New–Warangal PG Line -2 Emergency Shutdown taken in PG End for Isolator rectification work but while charging from PG end at 15:06 hrs and line was hold and while synchronizing at Warangal end at 15:28 hrs, DT got sent to Warangal PGCIL and line got tripped, thereafter line was charged at 17:58 hrs and all operations were done by RTAMC. Discharging Code- SRLDC-795, Charging code- SRLDC-858	
765/400kV 1500MVA ICT-2 at Warangal New SS	06-08-2024 23:18	07-08-2024 02:47	3:29	0:00	0:00	0:00	765/400kV 1500MVA ICT-2 Trip at 23:18hrs due to PRD-02 operated Charging code- SRLDC-888,NRLDC-357	99.53%
765/400kV 1500MVA ICT-1 at Warangal New SS	18-08-2024 09:48	18-08-2024 12:50	0:00	0:00	0:00	3:02	765/400kV 1500MVA ICT-1 shutdown taken for Six month Spare Changeover instead of B-Phase at 09:48hrs on Date 18/08/2024 The 549th meeting of the WRPC has outlined a specific timeframe for the changeover of critical power system components. According to the minutes, there is a 3-hour window allocated for reactor changeover and a 5-hour window for transformer changeover. This schedule is in compliance with the guidelines provided by the CEA which mandates a six-monthly spare changeover to ensure the reliability and efficiency of the power system. Discharging Code- SRLDC-2129,NRLDC-1146, Charging code- SRLDC-2133,NRLDC-1154	100.00%

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765 kV Hyderabad-Kurnool Line-1	01-09-2024 00:00	16-09-2024 08:49	0:00	0:00	368:49	0:00	The 765 kV Hyderabad-Kurnool Line-1 was discharged due to voltage regulation. Following instructions from SRLDC, the line was charged, but it failed to hold and tripped due to a B-phase to ground fault caused by an issue with the B-phase line isolator at the PGCIL Kurnool end. Discharging Code- SRLDC-3800, NLDC-2359 Charging Code- SRLDC-2104, NLDC-M41	89.98%
765 kV Hyderabad-Kurnool Line-1	16-09-2024 08:49	17-09-2024 15:59	0:00	31:10	0:00	0:00	The 765 kV Hyderabad-Kurnool Line-1 was discharged due to voltage regulation. Following instructions from SRLDC, the line was charged, but it failed to hold and tripped due to a B-phase to ground fault caused by an issue with the B-phase line isolator at the PGCIL Kurnool end. Subsequently it was found that there was DTPC Channel failure in the line which is belongs to PGCIL and won't be able to charge it. So the line shutdown category has been converted to forced outage with the following codes SR-2219 , NLDC - 1095 from 16-09-2024 08:49 Hrs.	
765 kV Hyderabad-Kurnool Line-1	17-09-2024 15:59	20-09-2024 06:48	62:49	0:00	0:00	0:00	765 kV Hyderabad-Kurnool Line-1 trip due Permanent Fault to R phase to Ground Fault on 17.09.2024 at 15:59Hrs. Readiness has been sent at 06:43 Hrs. on 20.09.2024. Charging code- SRLDC-2331, NLDC-1152	
765 kV Hyderabad-Kurnool Line-1	22-09-2024 10:26	22-09-2024 19:46	9:20	0:00	0:00	0:00	765KV-KURNOOL_PG-MAHESHWARAM_PG-1 A/R successful R-N Fault at 21-Sep-2024 15:02 Hrs., Fault details KNL end M1:71.88KM/8KA; MHW End M1:72.11KM/6.9KA; M2:72.53KM/6.82KA. During Patrolling of 765KV-KURNOOL_PG-MAHESHWARAM_PG-1 We found that SRI insulator Failure at tower no 217. So we have taken the emergency shutdown for replacement of the faulty Insulator. Readiness has been sent at 19:24 Hrs. on 22.09.2024. Discharging Code- SRLDC-3236, NLDC-1594 Charging Code- SRLDC-3295,NRLDC-1637	
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2	05-09-2024 13:03	06-09-2024 04:29	15:26	0:00	0:00	0:00	765 kV Warangal New- Maheshwaram Line-2 trip due to Fault in Y phase to Ground Fault Distance at- 132.9KM because of insulator failure at tower no 292. Readiness has been sent at 03:59 Hrs. on 06.09.2024. Charging code- SRLDC-661,NLDC-356	97.86%
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2	06-09-2024 04:29	06-09-2024 05:54	0:00	0:00	0:00	1:25	765 kV Warangal New- Maheshwaram Line-2 trip due to Fault in Y phase to Ground Fault Distance at- 132.9KM because of insulator failure at tower no 292. Readiness has been sent at 03:59 Hrs. on 06.09.2024 but charged at 05:54 Hrs. on 06.09.2024 Acknowledging the additional 30 minutes allocated for the code process, the updated restoration time is set to be 04:29 Hrs. Charging code- SRLDC-661,NLDC-356	
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-1	17-10-2024 10:48	17-10-2024 18:18	0:00	7:30	0:00	0:00	765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-1 Shutdown taken by PGCIL for Annual Maintenance. SHUTDOWN CODE:-SRLDC-1656,NLDC-1379 CHARGING CODE:-SRLDC-1704,NLDC-1412	100.00%
765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line reactor-2 at C'peta SS	15-10-2024 14:39	15-10-2024 20:59	0:00	0:00	0:00	6:20	765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line reactor-2 at C'peta SS Shutdown taken for CSD fine truning work at C'PETA PG end. Readiness time is 20:49 Hrs. SHUTDOWN CODE:-SRLDC-1470,NLDC-1213 CHARGING CODE:-SRLDC-1515, NLDC-1257	100.00%
765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line reactor-2 at C'peta SS	16-10-2024 10:24	16-10-2024 18:56	0:00	0:00	0:00	8:32	765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line reactor-2 at C'peta SS Shutdown taken for CSD fine truning work at C'peta PG end. Readines time 18:46 Hrs. SHUTDOWN CODE:-SRLDC-1548,NLDC-1282 CHARGING CODE:-SRLDC-1603,NLDC-1323	
765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line reactor-1 at C'peta SS	17-10-2024 09:50	17-10-2024 17:26	0:00	0:00	0:00	7:36	765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line reactor-1 at C'peta SS S Shutdown taken for CSD fine truning work at C'peta PG end. Readines time 17:00 Hrs. SHUTDOWN CODE:-SRLDC-1647,NLDC-1369 CHARGING CODE:-SRLDC-1695,NLDC-1403	99.65%
765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line reactor-1 at C'peta SS	18-10-2024 11:29	18-10-2024 19:34	0:00	0:00	0:00	8:05	765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line reactor-1 at C'peta SS S Shutdown taken for CSD fine truning work at C'peta PG end. Readiness time is 19:18 Hrs. SHUTDOWN CODE:-SRLDC-1771,NLDC-1466 CHARGING CODE:-SRLDC-1815,NLDC-1498	
765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line reactor-1 at C'peta SS	19-10-2024 13:25	19-10-2024 16:02	2:37	0:00	0:00	0:00	765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line reactor-1 at C'peta SS Emergency outage taken for arresting the Oil leakage in R-Phase 80MVAR line reactor at C'peta end. Readiness Time is 15:43 Hrs. SHUTDOWN CODE:-SRLDC-1884,NLDC-1552 CHARGING CODE:-SRLDC-1897,NLDC-1578	
765kV Bus Reactor-1	22-10-2024 12:34	22-10-2024 18:07	5:33	0:00	0:00	0:00	765kV Bus Reactor-1 Emergency outage taken for arresting the oil leakage in Y- Phase 80 MVAR Bus reactor at warangal end. Readiness time is 17:39 Hrs. SHUTDOWN CODE:-SRLDC-2208,NLDC-1824 CHARGING CODE:-SRLDC-2262,NLDC-1854.	99.25%
765/400kV 1500MVA ICT-2 at Warangal New SS	24-10-2024 12:30	24-10-2024 22:15	9:45	0:00	0:00	0:00	765/400kV 1500MVA ICT-2 at Warangal New SS Emergency outage taken for replacement of R-phase Isolator of Bay 722-89t1 at warangal end. Readines time is 21:52 Hrs. SHUTDOWN CODE:-SRLDC-2479,NLDC-2020 CHARGING CODE:-SRLDC-2541,NLDC-2073	98.69%

Element Name	Outage	Restoration	Duration of Outage Attributable to				Reason of Outage	% Availability
	Date Time	Date Time	Inter-State Transmission Licensee Hrs:Min	Others Hrs:Min	System constraint/ Natural calamity/ Militancy Hrs:Min	Deemed Available Hrs:Min		
765 kV Hyderabad-Kurnool Line-2	19-11-2024 22:22	30-11-2024 23:59	0:00	0:00	265:37	0:00	765 kV Hyderabad-Kurnool Line-2 was discharged for Voltage regulation. Discharging Code- SRLDC-2352, NLDC-1813	100.00%
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2	02-11-2024 01:34	02-11-2024 07:18	0:00	0:00	5:44	0:00	765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2 was discharged for Voltage regulation. Discharging Code- SRLDC-78, NLDC-53 Charging Code- SRLDC-89, NLDC-56	100.00%
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2	22-11-2024 21:20	30-11-2024 23:59	0:00	0:00	194:39	0:00	765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2 was discharged for Voltage regulation. Discharging Code- SRLDC-2755, NLDC-2207	
765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line-2	24-11-2024 20:28	30-11-2024 23:59	0:00	0:00	147:31	0:00	765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line-2 was discharged for Voltage regulation. Discharging Code- SRLDC-2987, NLDC-2436	100.00%
765kV Bus Reactor-1	23-11-2024 13:51	23-11-2024 14:14	0:23	0:00	0:00	0:00	765kV Bus Reactor-1 Outage taken for Oil leakage arresting from Y- Phase Buchholz GCD pipe. Readiness mail sent at 14:07 Hrs. Discharging Code- SRLDC-2840, NLDC-2294 Charging Code- SRLDC-2845, NLDC-2298	99.95%
765 kV Hyderabad-Kurnool Line-1	16-12-2024 07:34	16-12-2024 22:21	0:00	14:47	0:00	0:00	765 kV Hyderabad-Kurnool Line-1 Outage taken for switching line reactor work at kurnool substation. Discharging Code- SRLDC-1871, NLDC-2067, Charging Code- SRLDC-2050, NLDC-2220	100.00%
765 kV Hyderabad-Kurnool Line-1	22-12-2024 20:43	28-12-2024 06:45	0:00	0:00	130:02	0:00	765 kV Hyderabad-Kurnool Line-1 was discharged for Voltage Regulation. Discharging Code- SRLDC-3176, NLDC, Charging Code - SRLDC- 3885, NLDC- 3820	
765 kV Hyderabad-Kurnool Line-2	01-12-2024 00:00	09-12-2024 11:26	0:00	0:00	203:26	0:00	765 kV Hyderabad-Kurnool Line-2 was discharged for Voltage Regulation, Discharging Code- SRLDC-2352, NLDC-1813	95.64%
765 kV Hyderabad-Kurnool Line-2	08-12-2024 11:26	09-12-2024 08:46	21:20	0:00	0:00	0:00	As per Instruction from grid the 765 kV Hyderabad-Kurnool Line-2 charging attempted from Maheshwaram SS at 11:26Hrs on dated 08.12.2024 immediately tripped on R phase to ground fault. due to Insulator failure at Tower no 251 then after insulator replacement the 765kV Kurnool - Maheshwaram line -2 successfully charged on 09.12.2024 at 08:46 Hrs . Charging Code- SRLDC-1016, NLDC-1055.	
765 kV Hyderabad-Kurnool Line-2	14-12-2024 20:32	16-12-2024 07:22	0:00	0:00	34:50	0:00	765 kV Hyderabad-Kurnool Line-2 was discharged for Voltage Regulation, Discharging Code- SRLDC-1772, NLDC-1913, Charging Code- SRLDC-1870, NLDC-2066.	
765 kV Hyderabad-Kurnool Line-2	18-12-2024 08:19	18-12-2024 19:11	0:00	10:52	0:00	0:00	765 kV Hyderabad-Kurnool Line-2 Outage taken for switching line reactor work kurnool substation. Discharging Code- SRLDC-2390, NLDC-2444, Charging Code- SRLDC-2510, NLDC-2557	
765 kV Hyderabad-Kurnool Line-2	28-12-2024 05:20	28-12-2024 17:46	12:26	0:00	0:00	0:00	765kV Kurnool-Maheshwaram Line-2 tripped in Y Phase to ground fault at 05:20 hrs on 28.12.2024 and During inspection it was found that the earth wire was broken so After replacing the earth wire connector, the line was successfully charged at 17:46 hrs on the same day. Charging Code: .NLDC – 3913, SRLDC – 3990	
765kV Warangal New- Warora PS PGCIL Line-1	00-01-1900 00:00	00-01-1900 00:00	0:00	0:00	0:00	0:00	No Event Occurred.	100.00%
765kV Warangal New- Warora PS PGCIL Line-2	00-01-1900 00:00	00-01-1900 00:00	0:00	0:00	0:00	0:00	No Event Occurred.	100.00%
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-1	08-12-2024 12:55	08-12-2024 17:43	0:00	4:48	0:00	0:00	765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-1 Emergency outage taken for CB lockout by PGCIL, Discharging Code- SRLDC-939, NLDC-970, Charging Code- SRLDC-960, NLDC-1004.	100.00%
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2	01-12-2024 00:00	08-12-2024 10:32	0:00	0:00	178:32	0:00	765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2 Discharged for Voltage Regulation, Discharging Code- SRLDC-2755, NLDC-2207, Charging Code- SRLDC-916, NLDC-956.	100.00%
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2	27-12-2024 21:02	31-12-2024 23:59	0:00	0:00	98:57	0:00	765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2 Discharged for Voltage Regulation, Discharging Code- SRLDC-3176, NLDC	
765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line-1	00-01-1900 00:00	00-01-1900 00:00	0:00	0:00	0:00	0:00	No Event Occurred.	100.00%
765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line-2	01-12-2024 00:00	23-12-2024 07:26	0:00	0:00	535:26	0:00	765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line-2 Discharged for Voltage Regulation, Discharging Code- SRLDC-3880, NLDC-3785, Charging Code- SRLDC- 3206, NLDC- 3142	100.00%
400kV Warangal New-Warangal PG Line -1	00-01-1900 00:00	00-01-1900 00:00	0:00	0:00	0:00	0:00	No Event Occurred.	100.00%
400kV Warangal New-Warangal PG Line -2	28-12-2024 07:47	28-12-2024 22:15	14:28	0:00	0:00	0:00	400kV Warangal New-Warangal PG Line -2 got tripped in R-Phase to Ground fault on 28.12.2024 at 7:49Hrs. due to Insulator failure at Tower no 32 then after rectification the line Successfully charged at 22:15Hrs, Charging Code- SRLDC - 4019	98.06%
765 kV Hyderabad-Kurnool Line-1	29-01-2025 10:05	29-01-2025 19:47	9:42	0:00	0:00	0:00	765 kV Hyderabad-Kurnool Line-1 was discharged for Annual Maintenance work. Discharging Code- SRLDC-4873, NLDC-3946 & Charging code-SRLDC-4984, NLDC-4011 Readiness mail-19:19 Hrs	98.70%
765 kV Hyderabad-Kurnool Line-2	14-01-2025 20:25	29-01-2025 09:37	0:00	0:00	349:12	0:00	765 kV Hyderabad-Kurnool Line-2 was discharged for Voltage Regulation, Discharging Code- SRLDC-2350, NLDC-1829 & Charging code-SRLDC-4856, NLDC-3922	98.52%
765 kV Hyderabad-Kurnool Line-2	30-01-2025 10:11	30-01-2025 21:11	11:00	0:00	0:00	0:00	765 kV Hyderabad-Kurnool Line-2 was discharged for Annual Maintenance Work. Discharging Code- SRLDC-5058, NLDC-4116 & Charging code-SRLDC-5188, NLDC-4183 Readiness Mail-20:35	
765kV Warangal New- Warora PS PGCIL Line-1	23-01-2025 10:52	23-01-2025 12:35	1:43	0:00	0:00	0:00	765kV Warangal New- Warora PS PGCIL Line-1 tripped due to Relay Mal Operation at Warora end. Readiness mail-12:28 Hrs Charging Code-SRLDC-3813, NLDC-3717.	99.77%
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2	27-12-2024 21:02	29-01-2025 11:19	0:00	0:00	782:17	0:00	765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2 was discharged due to Voltage Regulation, Discharging Code- SRLDC-3880, NLDC-3785 & Charging Code- SRLDC-4874, NLDC-3947	100.00%
765 kV Hyderabad-Kurnool Line-1	08-02-2025 20:28	20-02-2025 07:49	0:00	0:00	275:21	0:00	Outage For Voltage Regulation, Discharging Code- SRLDC-1673, NLDC-1107, Charging Code- SRLDC-4082, NLDC-2742	100.00%
765kV Warangal New- Warora PS PGCIL Line-2	07-02-2025 13:14	07-02-2025 14:13	0:59	0:00	0:00	0:00	DT sent due to DTPC malfunction from Warangal New end to Warora in 765kV Warangal – Warora CKT- II Warora end Breaker Opened. Line is charged from Warangal New End. Line synchronized code-SRLDC-1364, NLDC-882	99.50%
765kV Warangal New- Warora PS PGCIL Line-2	01-02-2025 15:44	01-02-2025 17:18	1:34	0:00	0:00	0:00	DT sent due to DTPC malfunction from Warangal New end to Warora in 765kV Warangal – Warora CKT- II Warora end Breaker Opened. Line is charged from Warangal New End Line synchronized code-SRLDC-149, NLDC-91 As the Readiness time is 16:48 Hrs. so the reference time taken after considering the 30 minutes for the code process is 17:18 Hrs.	

Element Name	Outage	Restoration	Duration of Outage Attributable to				Reason of Outage	% Availability
	Date Time	Date Time	Inter-State Transmission Licensee Hrs:Min	Others Hrs:Min	System constraint/ Natural calamity/ Militancy Hrs:Min	Deemed Available Hrs:Min		
765kV Warangal New- Warora PS PGCIL Line-2	01-02-2025 17:18	01-02-2025 18:04	0:00	0:00	0:00	0:46	DT sent due to DTPC malfunction from Warangal New end to Warora in 765kV Warangal – Warora CKT- II Warora end Breaker Opened. Line is charged from Warangal New End Line synchronized code-SRLDC-149,NLDC-91 As the Readiness time is 16:48 Hrs. so the reference time taken after considering the 30 minutes for the code process is 17:18 Hrs.	99.90%
765kV Warangal New- Warora PS PGCIL Line-2	05-02-2025 12:53	05-02-2025 13:42	0:49	0:00	0:00	0:00	DT sent due to DTPC malfunction from Warangal New end to Warora in 765kV Warangal – Warora CKT- II Warora end Breaker Opened. Line is charged from Warangal New End. Line synchronized code-SRLDC-869,NLDC-562	
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-1	03-02-2025 09:40	03-02-2025 22:28	12:48	0:00	0:00	0:00	765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-1 was discharged for ANNUAL MAINTENACE WORK, Discharging Code- SRLDC-399, NLDC-268 ,charging code-SRLDC-520,NLDC-353	98.10%
765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2	06-02-2025 09:13	06-02-2025 20:45	11:32	0:00	0:00	0:00	765kV Warangal New- Maheshwaram PGCIL (Hyderabad) Line-2 was discharged for ANNUAL MAINTENACE WORK, Discharging Code- SRLDC-1048, NLDC-658 ,charging code-SRLDC-1213,NLDC-779	98.28%
765/400kV 1500MVA ICT-1 at Warangal New SS	21-02-2025 08:57	21-02-2025 21:43	12:46	0:00	0:00	0:00	765/400kV 1500MVA ICT-1 at Warangal New SS discharged for ANNUAL MAINTENACE WORK, Discharging Code- SRLDC-4375, NLDC-2934, charging code-SRLDC-4527,NLDC-3051	98.10%
765/400kV 1500MVA ICT-2 at Warangal New SS	23-02-2025 09:59	23-02-2025 21:38	11:39	0:00	0:00	0:00	765/400kV 1500MVA ICT-2 at Warangal New SS discharged for ANNUAL MAINTENACE WORK, Discharging Code- SRLDC-4823, NLDC-3231, charging code-SRLDC-4929,NLDC-3301	98.27%
765kV Bus Reactor-1	19-02-2025 09:53	19-02-2025 18:43	8:50	0:00	0:00	0:00	765kV Bus Reactor-1 was discharged for ANNUAL MAINTENACE WORK, Discharging Code- SRLDC-3885, NLDC-2609 ,charging code-SRLDC-4007,NLDC-2692	98.69%
765kV Bus Reactor-2	20-02-2025 09:15	20-02-2025 17:16	8:01	0:00	0:00	0:00	765kV Bus Reactor-2 was discharged for ANNUAL MAINTENACE WORK, Discharging Code- SRLDC-4123, NLDC-2761 ,charging code-SRLDC-4243,NLDC-2837	98.81%
765 kV Hyderabad-Kurnool Line-1	28-03-2025 17:52	29-03-2025 05:01	0:00	0:00	11:09	0:00	765 kV Hyderabad-Kurnool Line-1 shutdown taken for Construction works-Power line crossing of under construction765kV Kurnool-III PS - Kurnool D/C line (stringing works).	100.00%
765 kV Hyderabad-Kurnool Line-2	28-03-2025 17:55	29-03-2025 04:51	0:00	0:00	10:56	0:00	765 kV Hyderabad-Kurnool Line-2 shutdown taken for Construction works-Power line crossing of under construction765kV Kurnool-III PS - Kurnool D/C line (stringing works).	100.00%
765kV Warangal New- Warora PS PGCIL Line-1	31-03-2025 14:41	31-03-2025 18:35	3:54	0:00	0:00	0:00	765kV Warangal New- Warora PS PGCIL Line-1 got tripped on Y-G Fault. Charging Code: NLDC – 3542, SRLDC – 6142, WRLDC –4331 ,	99.48%
765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line reactor-1 at C'peta SS	31-03-2025 14:41	31-03-2025 23:59	9:18	0:00	0:00	0:00	765kV Warangal New- C'PETA PGCIL (Chilakaluripeta) Line reactor-1 at C'peta SS got Tripped at 14:41 Hrs on 31.03.2025 due to REF protection Operated and As per charging code: SRLDC-122,NLDC-86 , Reactor 718LR (718LR -C 'Peta-Warangal Line 1) at C 'Peta end charged at 18:28 hrs. on dated 01.04.2025	98.75%