

**Element wise Outage Details of Warora-Kurnool Transmission Limited(WKTL\_WR) 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		
765kV Warangal New- Warora PS PGCIL Line reactor-2 at Warora SS	06-04-2024 13:49	06-04-2024 17:21	000:00	000:00	000:00	003:32	765kV 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 at Warora SS Reactor has been tripped due to 765kV Warangal New- Warora PS PGCIL Line-2 which was tripped on 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  TheTripping was happend due to Fire in Forest under the line eaxctly near about the Fault distance as per relay.Evidences has been attached for the reference.  Charging codes - SRLDC - 907 NLDC - 498, WRLDC - 669	100%
765kV 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 at Warora SS	12-04-2024 23:43	13-04-2024 01:49	000:00	000:00	000:00	002:06	765kV 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 at Warora SS Reactor has been tripped due to 765kV Warangal New- Warora PS PGCIL Line-2 Tripping which was tripped on 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.  Charging codes - SRLDC - 1731 NLDC - 1151, WRLDC - 1493	100%
765kV 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 at Warora SS	13-04-2024 01:49	13-04-2024 15:30	000:00	000:00	000:00	013:41	765kV 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 at Warora SS Reactor has been tripped due to 765kV Warangal New- Warora PS PGCIL Line-2 Tripping which was tripped on 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  Charging codes - SRLDC - 1731 NLDC - 1151, WRLDC - 1493	
765kV 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 at Warora SS	13-04-2024 15:30	14-04-2024 09:30	000:00	000:00	000:00	018:00	765kV 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 at Warora SS Reactor has been tripped due to 765kV Warangal New- Warora PS PGCIL Line-2 Tripping which was tripped on 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.  Charging codes - SRLDC - 1731 NLDC - 1151, WRLDC - 1493	
765kV 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 at Warora SS	14-04-2024 09:30	14-04-2024 12:19	000:00	000:00	000:00	002:49	765kV 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 at Warora SS Reactor has been tripped due to 765kV Warangal New- Warora PS PGCIL Line-2 Tripping which was tripped on 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.  Charging codes - SRLDC - 1731 NLDC - 1151, WRLDC - 1493	
765kV 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 at Warora SS	16-04-2024 13:02	16-04-2024 19:44	000:00	000:00	000:00	006:42	765kV 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 at Warora SS Reactor has been tripped due to 765kV Warangal New- Warora PS PGCIL Line-2 Tripping which was tripped on 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 Tripping was happend due to Fire in Forest under the line eaxctly near about the Fault distance as per relay.Evidences has been attached for the reference.  Charging codes - SRLDC - 1731 NLDC - 1151, WRLDC - 1493	
765kV 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 at Warora SS	22-04-2024 16:57	22-04-2024 17:50	000:00	000:00	000:00	000:53	765kV 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 at Warora SS Reactor has been tripped due to 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	
765kV 240 MVAR Line Reactor-1 of Rajnandgaon - Warora Ckt-1 at Warora SS	10-01-2025 09:48	10-01-2025 23:09	000:00	013:21	000:00	000:00	765kV 240 MVAR Line Reactor-1 of Rajnandgaon - Warora Ckt-1 at Warora SS was out due to shutdown taken for annual maintenance of bay equipment of 765kV RAJNANDGAON - NEW PS (WARORA) CKT-1 at Rajnandgaon SS. Discharging code: WRLDC-1431, NLDC-1298 Charging code: WRLDC-1543, NLDC-1391	100%
765kV 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 at Warora SS	05-01-2025 02:07	05-01-2025 05:04	000:00	002:57	000:00	000:00	765kV Warangal New- Warora PS PGCIL Line reactor-2 was out due to 765kV RAJNANDGAON - NEW PS (WARORA) CKT-2 tripping on Rph to Ground fault 267km distance from Rajnandgaon ss and 0.5km distance from Warora SS. Line charging code: WRLDC-552, NLDC-535	100%
765kV 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 at Warora SS	16-01-2025 10:21	16-01-2025 22:12	000:00	011:51	000:00	000:00	765kV 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 at Warora SS was out due to shutdown taken for annual maintenance of bay equipment of 765kV RAJNANDGAON - NEW PS (WARORA) CKT-2 at Rajnandgaon SS. Discharging code: WRLDC-2417, NLDC-2104 Charging code: WRLDC-2545, NLDC-2177	100%
765kV Warangal New- Warora PS PGCIL Line reactor-1 at Warora SS	23-01-2025 10:52	23-01-2025 12:35	000:00	001:43	000:00	000:00	765kV Warangal New- Warora PS PGCIL Line reactor-1 at Warora SS was out due to tripping of Warangal-Warora ckt-1. Line charging ocde:SRLDC-3813, NLDC-3713	100%
765kV 240 MVAR Line Reactor-1 of Rajnandgaon - Warora Ckt-1 at Warora SS	25-03-2025 11:54	25-03-2025 20:16	000:00	008:22	000:00	000:00	765kV 240 MVAR Line Reactor-1 of Rajnandgaon - Warora Ckt-1 out of service due to line shutdown taken by RRWTL Discharging code: WRLDC-3483, NLDC-2822 Charging code: WRLDC-3547, NLDC-2887	100%

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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 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 at Warora SS	27-03-2025 10:41	27-03-2025 17:35	000:00	006:54	000:00	000:00	765kV 240 MVAR Line Reactor-2 of Rajnandgaon - Warora Ckt-2 out of service due to line shutdown taken by RRWTL Discharging code: WRLDC-3757, NLDC-3063 Charging code: WRLDC-3789, NLDC-3090	100%

II

**Elements where restoration time has exceeded the standards specified in Regulation 5 (b)**

Element Name	Restoration time as specified in Regulation 5 (b) (in days)	Actual restoration time (in days)
NIL	NIL	NIL
NIL	NIL	NIL
NIL	NIL	NIL

III

**Details of compensation paid by the inter-State transmission licensee**

Element Name	Violation of Regulation 5 (a)		Violation of Regulation 5 (b)		Compensation paid (in Rs.)
	% Availability rescribed	Actual % Availability	Restoration time prescribed (in days)	Actual restoration time (in days)	
NIL	NIL	NIL	NIL	NIL	NIL
NIL	NIL	NIL	NIL	NIL	NIL
NIL	NIL	NIL	NIL	NIL	NIL