

**Element wise Outage Details of Raipur Rajnandgaon Warora Transmission Limited for FY 2023 - 24**

Element Name	Outage		Restoration		Duration of Outage Attributable to							% Availability
	Date	Time	Date	Time	Inter-State Transmission Licensee	Others	System constraint/ Natural calamity/ Militancy	Deemed Available	Reason of Outage			
					Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min				
765KV RAJNANDGAON - NEW PS (WARORA) CKT-2	5-Apr-2023	9:24:54	5-Apr-2023	20:05:00	10:40:06	0:00:00	0:00:00	0:00:00	765KV RAJNANDGAON - NEW PS WARORA CKT-2 Outage was taken at 09:24:54 hrs. (Outage Code WR-439, NL-475) on 05/04/2023 for Annual maintenance of Line equipment , Restoration and readiness mail sent to WRLDC on 05/04/2023 at 19:32: (Charging Code received WR-560, NL- 533) Charged at 20:05:22.			
765KV RAJNANDGAON - NEW PS (WARORA) CKT-1	10-Apr-2023	4:09:32	10-Apr-2023	4:09:32	0:00:00	0:00:00	0:00:00	0:00:00	AR Successfully operated on Y-Phase. Fault Type: L2-N Fault Location: 267kms Fault Current: Ir- 2.37 kA			
765KV RAINANDGAON - NEW PS (WARORA) CKT-1	28-Apr-2023	11:47:30	28-Apr-2023	15:12:00	3:24:30	0:00:00	0:00:00	0:00:00	765KV RAJNANDGAON - NEW PS (WARORA) CKT-1 Emergency Outage was taken by WKTL at 11:47:30 hrs. (Outage Code WR-3188, NL-2956, LR WR-3139, NL-2957) on 28/04/2023 for heavy oil leakage 701 LR B-Phase Line Reactor. at Warora ss ,Restoration and readiness mail sent to WRLDC on 28/04/2023 at 14:12 (Charging Code received WR-3154, NL- 2966 LR WR-3155, NL- 2967) and Charged at 15:12:03.		99.63	
765KV RAINANDGAON - NEW PS (WARORA) CKT-2	27-May-2023	19:27:08	27-May-2023	19:27:08	0:00:00	0:00:00	0:00:00	0:00:00	AR Successfully operated on B-Phase. Fault Type: L3-N Fault Location: 149.1kms Fault Current: Ir- 4.63 kA		100	
765KV RAINANDGAON - NEW PS (WARORA) CKT-2	4-Jul-2023	19:22:00	4-Jul-2023	19:22:00	0:00:00	0:00:00	0:00:00	0:00:00	AR Successfully operated on Y-Phase. Fault Type: L2-N Fault Location: 162.9kms Fault Current: Ir- 4.21 kA			
765KV WARORA LINE REACTOR-1 AT RAINANDGAON	14-Jul-2023	13:03:00	14-Jul-2023	16:36:00	3:33:00	0:00:00	0:00:00	0:00:00	Shutdown taken for Reactor changeover with spare reactor instead of B-phase reactor.So As per CEA measures related to Safety & Electric supply 2018 Spare Reactor shall be charged within 6 months of approval. (Outage Code Line - WR-1210, NL-1205, Reactor WR-1213 NL-1204, Charging Code Line - WR-1252,NL-1232 Reactor WR-1254 NL-1233)			
765KV WARORA LINE REACTOR-1 AT RAINANDGAON	14-Jul-2023	10:02:00	14-Jul-2023	13:03:00	D	0:00:00	0:00:00	0:00:00	Shutdown taken for Reactor changeover with spare reactor instead of B-phase reactor.So As per CEA measures related to Safety & Electric supply 2018 Spare Reactor shall be charged within 6 months of approval. (Outage Code Line - WR-1210, NL-1205, Reactor WR-1213 NL-1204, Charging Code Line - WR-1252,NL-1232 Reactor WR-1254 NL-1233)			
765KV RAINANDGAON - NEW PS (WARORA) CKT-1	14-Jul-2023	10:02:00	14-Jul-2023	16:36:00	D	0:00:00	0:00:00	0:00:00	As per Safety Guidelines given by WRLDC line shutdown must be taken for Reactor chnageover Activity.		100	
765KV RAIPUR PS - RAINANDGAON CKT-1	7-Aug-2023	11:06:00	7-Aug-2023	11:21:00	0:15:00	0:00:00	0:00:00	0:00:00	For Equipment Operation Check.(Outage Code - WR-440, NL-550, Charging Code - WR-444, NL-556 )			
765KV RAIPUR PS - RAINANDGAON CKT-2	8-Aug-2023	10:55:00	8-Aug-2023	13:09:00	2:14:00	0:00:00	0:00:00	0:00:00	For Equipment Operation Check.(Outage Code - WR-553, NL-637, Charging Code - WR-570, NL-660 )			
765KV BUS REACTOR AT RAINANDGAON	9-Aug-2023	10:35:00	9-Aug-2023	11:00:00	0:25:00	0:00:00	0:00:00	0:00:00	For Equipment Operation Check.(Outage Code - WR-663, NL-758, Charging Code - WR-666, NL-763 )		99.98	
765KV RAIPUR PS - RAINANDGAON CKT-2	28-Sep-2023	21:53:05	28-Sep-2023	21:53:05	0:00:00	0:00:00	0:00:00	0:00:00	AR Successfully operated on R-Phase. Fault Type: L1-N Fault Location: 267 kms Fault Current: Ir- 3.29 kA			
765KV WARORA LINE REACTOR-1 AT RAINANDGAON	28-Sep-2023	7:36:00	28-Sep-2023	10:44:41	3:08:41	0:00:00	0:00:00	0:00:00	Line Reactor of 765KV-RAJNANDGAON-RRWTL-WARORA-PG-1 has been tripped during DCDB failure at Rajnandgaon SS.			
765KV RAIPUR PS - RAINANDGAON CKT-2	30-Sep-2023	15:46:51	30-Sep-2023	15:46:51	0:00:00	0:00:00	0:00:00		AR Successfully operated on R-Phase. Fault Type: L1-N Fault Location: 14.2 kms Fault Current: Ir- 13.243 kA		99.94	
765KV RAINANDGAON - NEW PS (WARORA) CKT-1	5-Jan-2024	10:27:47	5-Jan-2024	13:23:00	00:00:00	#####	00:00:00	2:55:13	Outage has been take for Spare reactor changeover with B-ph Reactor but as per NLDC consent line should be proposed with the reactor. (Outage Code Line - (WR-609, NL-634, Reactor WR-610, NL-635), Charging Code Line - (WR-637,NL-667 ) Reactor (WR-638 ,NL-668)  Readiness mail sent to WRLDC at 12:48 . Line with Reactor Charged at 13:23:47.			
765KV WARORA LINE REACTOR-1 AT RAINANDGAON	5-Jan-2024	10:27:47	5-Jan-2024	13:23:00	00:00:00	#####	00:00:00	2:55:13	Outage has been take for Spare reactor changeover with B-ph Reactor due to as per CEA guidelines related to Safety & Electric supply 2018 Spare Reactor shall be charged within 6 months of it's last charging.  As per MOM 03:00 Hours relaxation given by WRLDC for recator changeover. (Outage Code Line - (WR-609, NL-634, Reactor WR-610, NL-635), Charging Code Line - (WR-637,NL-667 ) Reactor (WR-638 ,NL-668)  Readiness mail sent to WRLDC at 12:48 . Line with Reactor Charged at 13:23:47.		100	
765KV BUS REACTOR AT RAINANDGAON	11-Mar-2024	9:45:09	11-Mar-2024	19:18:38	9:33:29	#####	00:00:00	9:33:29	765kv BUS REACTOR AT RAINANDGAON Shutdown was taken for Annual Maintenance. Restoration and readiness mail sent to WRLDC on 11/03/2024 at 19:14:00 Discharged Code: WR-1177, NL-1144 Charging Code: WR-1258, NL- 1219			
765KV RAIPUR PS - RAINANDGAON CKT-1	18-Mar-2024	0:48:43	18-Mar-2024	9:13:24	00:00:00	8:24:41	00:00:00	8:24:41	765KV RAIPUR PS - RAINANDGAON CKT-1 tripped due to bus bar tripped at PGCIL Raipur end. Restoration on 18/03/2024 (Charsine Code received WR-2036, NL- 1911) Charged at 09:13:35.			

Element Name	Outage		Restoration		Duration of Outage Attributable to						
	Date	Time	Date	Time	Inter-State Transmission Licensee	Others	System constraint/ Natural calamity/ Militancy	Deemed Available	Reason of Outage	% Availability	
					Hrs:Min	Hrs:Min	Hrs:Min				
765KV RAIPUR PS - RAINANDGAON CKT-2	18-Mar-2024	0:48:43	18-Mar-2024	11:03:05	00:00:00	10:14:22	00:00:00	10:14:22	765KV RAIPUR PS - RAINANDGAON CKT-2 tripped due to bus bar tripped at PGCIL Raipur end. Restoration on 18/03/2024 (Charging Code received WR-2070, NL- 1960) Charged at 11:02:03.		
765KV RAINANDGAON - NEW PS (WARORA) CKT-2	28-Mar-2024	11:03:00	29-Mar-2024	1:03:00	14:00:00	#####	00:00:00	14:00:00	765KV RAINANDGAON - NEW PS (WARORA) CKT-2 Planned Shutdown was taken by WKTL at 11:03 Hrs. on 28/03/2024 for Annual Maintenance of Line Reactor at Warora SS, Restoration and readiness mail sent to WRLDC on 29/03/2024 at 12:47 and Charged at 01:03. Discharging Code: WR-3175, NL-2864, LR WR-3176, NL-2865 Charging Code: WR-3268, NL- 2910 LR WR-3269, NL- 2911	99.35	

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