

Element wise Outage Details of WRSS XXI (A) Transco Limited for FY 2023 - 24

Element Name	Outage		Restoration		Duration of Outage Attributable to					% Availability
	Date	Time	Date	Time	Inter-State Transmission LICENCEE	OTHERS	System constraint/ Natural calamity / Militancy	DEEMED AVAILAB LE	Reason of Outage	
765kV Bhuj - Lakadia Line-1	18-Apr-23	20:00:00	18-Apr-23	22:12:00	0:00:00	2:12:00	0:00:00	0:00:00	Lakadia -Bhuj ckt-1 line tripped Due to DT received. Outage Code - WRLDC :2134 ; NLDC: 2006	100
765kV Bhuj - Lakadia Line-1	18-Apr-23	22:12:00	1-May-23	7:01:00	0:00:00	0:00:00	289:48:00	0:00:00	Lakadia -Bhuj ckt-1 line convert from outage to voltage regulation as per WRLDC instruction. Voltage regulation Code -WRLDC :2134 ; NLDC: 2006	
400KV- LAKADIA-JAMKHAM BALIYA-1	29-Apr-23	4:04:00	29-Apr-23	4:04:00	0:00:00	0:00:00	0:00:00	0:00:00	409 Line-1 AR operated successfully(Zone -1);WTL END Distance:- 135.4KM; Remote End Distance:- 61.7 KM SCOPE : PGCIL	
400KV- LAKADIA-JAMKHAM BALIYA-2	29-Apr-23	7:38:00	29-Apr-23	7:38:00	0:00:00	0:00:00	0:00:00	0:00:00	412 Line-2 AR operated successfully(Zone -1);WTL END Distance:- 59KM; Remote End Distance:- 130.6 KM SCOPE : PGCIL	
400KV- LAKADIA-JAMKHAM BALIYA-1	30-Apr-23	16:21:00	30-Apr-23	18:15:00	0:00:00	1:54:00	0:00:00	0:00:00	Bay 409 (400kV Jamkhambhaliya - Lakadia Line-1) Line-1 tripped due to E/F in Y-Ph(Zone -1);WTL END Distance:-139.7KM; Remote End Distance:- 48.7 KM. SCOPE : PGCIL; Charging Code- WRLDC: 3390	
400KV- LAKADIA-JAMKHAM BALIYA-2	30-Apr-23	18:55:00	30-Apr-23	20:40:00	0:00:00	1:45:00	0:00:00	0:00:00	Bay 412 (400kV Jamkhambhaliya - Lakadia Line-2) Line-2 tripped due to E/F in R-Ph(Zone -1);WTL END Distance:-137KM; Remote End Distance:- 49.07 KM;	100
400KV- LAKADIA-JAMKHAM BALIYA-2	1-May-23	18:49:00	1-May-23	20:21:00	0:00:00	1:32:00	0:00:00	0:00:00	Bay 412(400kV Jamkhambhaliya - Lakadia Line-2) Line-1 tripped due to E/F in R-Ph(Zone -1);WTL END Distance:-148.2 KM; Remote End Distance:- 48.87 KM. SCOPE : PGCIL; Charging Code- WRLDC: 74	100
765kV Bhuj - Lakadia Line-2	1-May-23	0:00:00	12-May-23	13:00:00	0:00:00	0:00:00	277:00:00	0:00:00	Lakadia -Bhuj ckt-2 line Charged Which Was convert from outage to voltage regulation as per WRLDC instruction. Charging Code -WRLDC :1205 ; NLDC: 1046	
400KV- LAKADIA-JAMKHAM BALIYA-1	15-May-23	9:10:00	15-May-23	21:10:00	0:00:00	12:00:00	0:00:00	0:00:00	Bay 409(400kV Jamkhambhaliya - Lakadia Line-1) Shut Down taken By PGCIL for attending Line SD nature defects. Shutdown Code -WRLDC :1524 Charging Code -WRLDC :1621	
400KV- LAKADIA-JAMKHAM BALIYA-2	16-May-23	7:24:00	16-May-23	19:16:00	0:00:00	11:52:00	0:00:00	0:00:00	Bay 412(400kV Jamkhambhaliya - Lakadia Line-2) Shut Down taken By PGCIL for Tightening of loose Earth wire. Shutdown Code -WRLDC :1629 Charging Code -WRLDC :1725	100
765/400kV ICT-2 at Lakadia SS	16-Jun-23	6:54:00	16-Jun-23	11:20:00	0:00:00	0:00:00	0:00:00	4:26:00	3*500MVA ICT-2 tripped on 'Buchhloz -2 trip protection because water ingress in contact of buchhloz and tripping happened due heavy wind and Raining during Biparjoy Cyclone. Chargin Code: WR-1843,NLDC-1715	100
400KV- LAKADIA-BACHAU-1	16-Jun-23	11:11:00	16-Jun-23	11:46:00	0:00:00	0:00:00	0:00:00	0:35:00	Bay 403(400kV Lakadia- Bhachau Line-1) Line-1 tripped due to DT received zone-1 tripped B ph;WTL END Distance:-6.1KM (M1) & 4.86 KM(M1); This tripping happend due to Transient fault during Biparjoy Cyclone.; Charging Code- WRLDC: 1848	

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	Date	Time	Date	Time	Inter-State Transmission LICENCEE	OTHERS	System constraint/ Natural calamity/ Militancy	DEEMED AVAILABLE	Reason of Outage	
400KV-LAKADIA-BACHAU-1	16-Jun-23	9:33:00	16-Jun-23	10:07:00	0:00:00	0:34:00	0:00:00	0:00:00	Bay 403(400kV Lakadia- Bhachau Line-1) Line-1 tripped due to DT received; SCOPE : PGCIL; Charging Code- WRLDC: 1838	
400KV-LAKADIA-JAMKHAM BALIYA-1	16-Jun-23	13:37:00	16-Jun-23	16:11:00	0:00:00	2:34:00	0:00:00	0:00:00	Bay 406(400kV Lakadia- Bhachau Line-2) Line-2 tripped on Zone-1 fault in Yph; WTL END Distance:-21.47 KM (M2) SCOPE : PGCIL; Charging Code- WRLDC: 1891	
400KV-LAKADIA-BACHAU-2	16-Jun-23	11:09:00	16-Jun-23	12:10:00	0:00:00	1:01:00	0:00:00	0:00:00	Bay 406(400kV Lakadia- Bhachau Line-2) Line-2 tripped on Zone-1 fault in Yph; WTL END Distance:-47 KM (M1) & 35.86(M2); SCOPE : PGCIL; Charging Code- WRLDC: 1855	
765/400kV ICT-1 at Lakadia SS	16-Jun-23	11:09:00	16-Jun-23	11:25:00	0:00:00	0:00:00	0:16:00	0:00:00	ICT-1 IV side trip due to 86A relay mal operated in 400kv side but, ICT-1 Charged from HV side. Before ICT-1 IV Trip, both bhachau CKT-1&2 and ICT-2 tripped conditon.So, 400kV Bus-1&2 in dead conditon till 11:20 ICT-2 charged ICT-1 charging code-1844.	
400kV Bus Reactor at Lakadia SS	26-Jun-23	11:24:00	26-Jun-23	20:30:00	9:06:00	0:00:00	0:00:00	0:00:00	400kV, 125MVAR Bus Reactor at Lakadia SS taken shutdown for annual Maintenance, Shutdown code WRLDC-2884, Charging Code WRLDC-2938	
765/400kV ICT-1 at Lakadia SS	22-Jul-23	5:27:00	22-Jul-23	8:34:00	3:07:00	0:00:00	0:00:00	0:00:00	1500MVA ICT-1 got tripped due to R-PH PRD-3 operated in Spare PH of ICT-1 (Now spare phase is in service instead of R-PH ICT) at Lakadia SS. Charging code WRLDC- 1933, NRLDC- 1850	
765/400kV ICT-1 at Lakadia SS	28-Jul-23	12:09:00	28-Jul-23	13:30:00	1:21:00	0:00:00	0:00:00	0:00:00	1500MVA ICT-1 got tripped due to R-PH PRD-3 operated in Spare PH of ICT-1 (Now spare phase is in service instead of R-PH ICT) at Lakadia SS. Charging code: WRLDC- 2487, NRLDC- 2399	
400KV-LAKADIA-JAMKHAM BALIYA-1	4-Aug-23	8:56:00	4-Aug-23	19:01:00	0:00:00	10:05:00	0:00:00	0:00:00	400KV JKTL-Lakadia Ckt-1 Shutdown was taken by Powergrid for attending S/D nature defects in Line. S/D Code: WRLDC-217 Charging Code: WRLDC-258	
765KV-BHUJ-II-LAKADIA-1	18-Aug-23	12:32:00	18-Aug-23	17:27:00	0:00:00	4:55:00	0:00:00	0:00:00	765kV BHUJ-LAKADIA LINE-1 Shutdown was taken by Powergrid for Reactor Changeover at Bhuj End. S/D Codes: WRLDC-1515; NLDC-1609 Charging Codes: WRLDC-1531 ;NLDC-1631	
765/400kV ICT-1 at Lakadia SS	21-Aug-23	15:23:00	21-Aug-23	22:28:00	7:05:00	0:00:00	0:00:00	0:00:00	765/400KV ICT-1 Shutdown was taken for AMP and Changeover work of ICT-1 .R-ph has been taken into service instead of Spare ICT as per CEA Regulations.Last changeover date was 14-03-2023. S/D Codes: WRLDC-1735; NLDC-1826 Charging Codes: WRLDC-1788 ;NLDC-1892;	
765/400kV	21-Aug-23	10:23:00	21-Aug-23	15:23:00	0:00:00	0:00:00	0:00:00	5:00:00	765/400KV ICT-1 Shutdown was taken for AMP and Changeover work of ICT-1 .R-ph has been taken into service instead of Spare ICT as per CEA Regulations.Last changeover date was 14-03-2023. Note: As per Minutes of WRPC the Outage Hours will be considerd as a deemed for changeover of reactor upto 3 Hours and for Transformer upto 5 Hours. S/D Codes: WRLDC-1735; NLDC-1826 Charging Codes: WRLDC-1788 ;NLDC-1892;	

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	Date	Time	Date	Time	Inter-State Transmission LICENCEE	OTHERS	System constraint/ Natural calamity/ Militancy	DEEMED AVAILABLE	Reason of Outage	
400kV Bus	31-Aug-23	10:49:00	31-Aug-23	16:44:00	0:00:00	5:55:00	0:00:00	0:00:00	As per WRLDC instruction 400KV, 125MVAR Bus Reactor was out for voltage regulation S/D Code: WRLDC-2756 Charging Code: WRLDC-2791	100
765kV Bus	1-Sep-23	14:06:00	1-Sep-23	18:08:00	0:00:00	0:00:00	4:02:00	0:00:00	765KV, 330MVAR Bus Reactor taken shutdown under voltage regulation as per WRLDC instruction S/D Code: WRLDC-47, NLDC-63 Charging Code: WRLDC-83, NLDC-82	
400kV Bus	1-Sep-23	14:01:00	3-Sep-23	2:14:00	0:00:00	0:00:00	36:13:00	0:00:00	400KV, 125MVAR Bus Reactor taken shutdown under voltage regulation as per WRLDC instruction S/D Code: WRLDC-46; Charging Code: WRLDC-243	
765/400kV	5-Sep-23	10:20:00	5-Sep-23	20:11:00	9:51:00	0:00:00	0:00:00	0:00:00	765/400KV ICT-1 was taken under S/D(Planned) for CSD fine tuning of ICT-1 CB(404 Main Bay and 405 TIE Bay) S/D Codes: WRLDC-433; NLDC-428; Charging Codes: WRLDC-495 ;NLDC-492	100
765/400kV	6-Sep-23	10:23:00	6-Sep-23	21:05:00	10:42:00	0:00:00	0:00:00	0:00:00	765/400KV ICT-1 was taken under S/D(Planned) for CSD commissioning of ICT-1 CB(404 Main Bay and 405 TIE Bay) S/D Codes: WRLDC-529; NLDC-531; Charging Codes: WRLDC-609 ;NLDC-590	
765kV Bus	11-Sep-23	13:49:00	11-Sep-23	20:25:00	6:36:00	0:00:00	0:00:00	0:00:00	S/D of 3*110MVAR B/R taken for the CSD Commissioning work(of CB(of 707 Main Bay and 708 TIE Bay) and R-Ph taken into service instead of spare phase as per CEA regulations. Last changeover on dated 18.03.2023. S/D Codes: WRLDC-918; NLDC-947; Charging Codes: WRLDC-977 ;NLDC-983;	
765kV Bus	11-Sep-23	10:49:00	11-Sep-23	13:49:00	0:00:00	0:00:00	0:00:00	3:00:00	S/D of 3*110MVAR B/R taken for the CSD Commissioning work(of CB(of 707 Main Bay and 708 TIE Bay) and R-Ph taken into service instead of spare phase as per CEA regulations. Last changeover on dated 18.03.2023. S/D Codes: WRLDC-918; NLDC-947; Charging Codes: WRLDC-977 ;NLDC-983; Note: 3 Hours Considered as a Deemed for Reactor Changeover as per Mintues of OCC.	
400kV Bus Reactor at Lakadia SS	25-Oct-23	12:38:00	25-Oct-23	14:30:00	1:52:00	0:00:00	0:00:00	0:00:00	Emergency S/D was taken to replace faulty WTI meter S/D Code: WRLDC-2716 Charging Code: WRLDC-2732	99.99
765kV Bus Reactor at Lakadia SS	7-Nov-23	11:12:00	7-Nov-23	19:09:00	7:57:00	0:00:00	0:00:00		765kV 330MVAR BUS Reactor shutdown taken for AMP work S/D Code: WRLDC-734, NLDC- 606 Charging Code: WRLDC-803, NLDC- 646	
765kV Bus Reactor at Lakadia SS	20-Nov-23	12:10:00	20-Nov-23	21:08:00	0:00:00	0:00:00	0:00:00	8:58:00	765KV, 330MVAR Bus Reactor taken shutdown under voltage regulation as per WRLDC instruction S/D Code: WRLDC-2206, NLDC-1869 Charging Code: WRLDC-2269, NLDC-1926	

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	Date	Time	Date	Time	Inter-State Transmission LICENCEE	OTHERS	System constraint/ Natural calamity/ Militancy	DEEMED AVAILABLE	Reason of Outage	
765/400kV ICT-1 at Lakadia SS	21-Nov-23	10:29:00	21-Nov-23	11:36:00	1:07:00	0:00:00	0:00:00	0:00:00	765/400kV ICT-1 IV side(Bay 404) tripped due to 86A operated. ICT-1 ideally charged from HV side. Charging Code: WRLDC-2354, NLDC- 2004 12 Hours has been added due to penalty issued by RPC into licensee account for more than 2 tripping for the same element in financial year	99.6
400KV-LAKADIA-BACHAU-2	21-Nov-23	10:29:00	21-Nov-23	19:21:00	0:00:00	8:52:00	0:00:00	0:00:00	400kV Lakadia- Bhachau CKT-2 shutdown taken by Bhachau end. S/D Code: WRLDC-2333	

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