

Element wise Outage Details of Lakadia Banaskantha Transco Limited for FY 2023 - 24

Element Name	Outage		Restoration		Duration of Outage Attributable to						% Availability
	Date	Time	Date	Time	Inter-State Transmission LICENCE	OTHERS	System constraint/ Natural calamity/ Militancy	DEEMED AVAILABLE	Reason of Outage		
765kV Lakadia (PS) - Banaskantha (PS) Ckt-1	1-Apr-23	0:00:00	13-Apr-23	9:44:00	0:00:00	0:00:00	297:44:00	0:00:00	765kV Lakadia (PS) - Banaskantha (PS) Ckt-1 is Manually charged at 09:44hrs (13.04.2023) against Code :WRLDC-1489 & NLDC-1367 for Voltage regulation. Ckt-1 is in discharge condition for voltage regulation since from 20:18 Hrs. on 30.03.2023,		100
765kV Line Reactor-1 at Banaskantha (PS)	13-Apr-23	9:31:00	13-Apr-23	9:43:00	0:00:00	0:00:00	0:12:00	0:00:00	704 LR converted in to Line Reactor from Bus Reactor with Same code of line 1 WRLDC-1489 & NLDC-1367.		
765kV Line Reactor-2 at Banaskantha (PS)	14-Apr-23	17:19:00	14-Apr-23	17:25:00	0:00:00	0:00:00	0:06:00	0:00:00	707 LR converted in to Bus Reactor from Line Reactor as Line kept out for Voltage regulation against code WRLDC- 1672 and NLDC-1539.		
765kV Lakadia (PS) - Banaskantha (PS) Ckt-2	14-Apr-23	17:19:00	30-Apr-23	23:59:59	0:00:00	0:00:00	390:40:59	0:00:00	765kV Lakadia (PS) - Banaskantha (PS) Ckt-2 Manually discharged at 17:19 hrs (14/04/2023) for voltage regulation against Code : WRLDC 1672- & NLDC-1539. Ckt-2 is still in discharge condition for voltage regulation.		
765kV Lakadia (PS) - Banaskantha (PS) Ckt-2	1-May-23	0:00:00	17-May-23	10:03:00	0:00:00	0:00:00	394:03:00	0:00:00	765kV Lakadia (PS) - Banaskantha (PS) Ckt-2 Manually discharged at 17:19 hrs (14/04/2023) for voltage regulation against Code : WRLDC-1672 & NLDC-1539. 765kV Lakadia (PS) - Banaskantha (PS) Ckt-2 Manually charged at 10:03 hrs (17.05.2023) against Code :WRLDC-1777 & NLDC-1663 for Voltage regulation.		100
765kV Line Reactor-2 at Banaskantha (PS)	17-May-23	9:18:00	17-May-23	10:03:00	0:00:00	0:00:00	0:45:00	0:00:00	707 LR converted in to Line Reactor from Bus Reactor with Same code of line 2 WRLDC-1777 & NLDC-1663		
765kV Lakadia (PS) - Banaskantha (PS) Ckt-1	26-May-23	23:57:00	27-May-23	2:02:00	2:05:00	0:00:00	0:00:00	0:00:00	765kV Lakadia-Banaskantha Ckt- 1 Tripped at Banaskantha end on Y phase to earth fault. Fault dist: 21.8km, Fault Current: 13.18kA , Zone 1.(Line tripped from Banaskantha end only). 765kV Lakadia -Banaskantha Ckt-1 Main Bay (710) has been charged successfully against code: WRLDC-2777 & NLDC - 2887 at 02:02 hrs on dated 27-05-2023.		

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	Date	Time	Date	Time	Inter-State Transmission LICENCE	OTHERS	System constraint/ Natural calamity/ Militancy	DEEMED AVAILABLE	Reason of Outage	
765kV Line Reactor-2 at Banaskantha (PS)	28-May-23	21:25:00	28-May-23	21:30:00	0:00:00	0:00:00	0:05:00	0:00:00	707 LR converted in to Bus Reactor from Line Reactor as Line kept out for Voltage regulation against code WRLDC- 3064 and NLDC-2973	99.93
765kV Lakadia (PS) - Banaskantha (PS) Ckt-2	28-May-23	21:25:00	31-May-23	23:59:59	0:00:00	0:00:00	74:34:59	0:00:00	765kV Lakadia (PS) - Banaskantha (PS) Ckt-2 Manually discharged at 21:25 hrs (28/05/2023) for voltage regulation against Code : WRLDC 3064- 8 NLDC-2973. 765kV Lakadia (PS) - Banaskantha (PS) Ckt-2 is still in discharged condition for voltage regulation.	
765kV Lakadia (PS) - Banaskantha (PS) Ckt-2	1-Jun-23	0:00:00	6-Jun-23	16:23:00	0:00:00	0:00:00	136:23:00	0:00:00	765kV Lakadia (PS) - Banaskantha (PS) Ckt-2 Manually discharged at 21:25 hrs (28/05/2023) for voltage regulation against Code : WRLDC 3064- 8 NLDC-2973. (Charging Code: WRLDC-724 NLDC:561)	
765kV Line Reactor-2 at Banaskantha (PS)	6-Jun-23	16:08:00	6-Jun-23	16:21:00	0:00:00	0:00:00	0:13:00	0:00:00	707 LR converted in to Bus Reactor from Line Reactor with Same code of line 2 against Code : WRLDC-724 & NLDC-561.	
765kV Line Reactor-1 at Banaskantha (PS)	15-Jun-23	13:37:00	15-Jun-23	14:02:00	0:00:00	0:00:00	0:25:00	0:00:00	704 LR converted in to Bus Reactor from Line Reactor as Line kept out for Voltage regulation against code WRLDC- 1736 and NLDC-1605	
765kV Lakadia (PS) - Banaskantha (PS) Ckt-1	15-Jun-23	13:37:00	17-Jun-23	12:05:00	0:00:00	0:00:00	46:28:00	0:00:00	765kV Lakadia (PS) - Banaskantha (PS) Ckt-1 Manually discharged at 13:37 hrs (15/06/2023) for voltage regulation against Code : WRLDC 1736 & NLDC-1605. Emergency outage taken on dated 16.06.2023 at 22:52 hrs due to (LA,BPI,CVT) dropper connector clamp broken in Y-ph at Lakadia end due to heavy rain and wind flow during Biporjoy cyclone.	
765kV Line Reactor-2 at Banaskantha (PS)	16-Jun-23	14:59:00	18-Jun-23	0:08:00	0:00:00	0:00:00	0:00:00	33:09:00	765kV Lakadia (PS) - Banaskantha (PS) Ckt-2 Manually tripped at 15:02 hrs due to heavy spark observed Line Isolator R-ph at Lakadia end due to heavy rain and wind flow during Biporjoy cyclone. 707 LR taken in to service as Bus Reactor against code WRLDC: 2080 & NLDC: 1898	

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765kV Lakadia (PS) - Banaskantha (PS) Ckt-2	16-Jun-23	15:02:00	21-Jun-23	12:58:00	0:00:00	0:00:00	0:00:00	117:56:00	765kV Lakadia (PS) - Banaskantha (PS) Ckt-2 Manually tripped at 15:02 hrs due to heavy spark observed Line Isolator R-ph at Lakadia end and wavetrap, BPI structure damage due to heavy rain and wind flow during Biporjoy cyclone against Code : WRLDC 2342 & NLDC-2215 & Charging Code: WRLDC-2388 NLDC:2278.	
765kV Line Reactor-1 at Banaskantha (PS)	17-Jun-23	12:05:00	18-Jun-23	0:20:00	0:00:00	0:00:00	0:00:00	12:15:00	704 LR made off for Emergency outage taken on dated 16.06.2023 at 22:52 hrs due to (LA,BPI,CVT) dropper connector clamp broken in Y-ph at Lakadia end against code WRLDC- 1998 and NLDC-1836. Reactor is out due to line outage.	
765kV Lakadia (PS) - Banaskantha (PS) Ckt-1	17-Jun-23	12:05:00	18-Jun-23	18:58:00	0:00:00	0:00:00	0:00:00	30:53:00	765kV Lakadia (PS) - Banaskantha (PS) Ckt-1 Manually discharged at 13:37 hrs (15/06/2023) for voltage regulation against Code : WRLDC 1998 & NLDC-1836. Emergency outage taken on dated 16.06.2023 at 22:52 hrs due to (LA,BPI,CVT) dropper connector clamp broken in Y-ph at Lakadia end due to heavy rain and wind flow during Biporjoy cyclone.	
765kV Line Reactor-2 at Banaskantha (PS)	18-Jun-23	12:53:00	18-Jun-23	14:11:00	1:18:00	0:00:00	0:00:00	0:00:00	707 LR Trip due to B phase PD Operated during taking in service at 12:53Hrs. PD reseted and declared ready for charge at 14:11Hrs. 707 LR taken in to service as Bus Reactor against code WRLDC: 2111 & NLDC: 1961 at 17:56 as per grid requirement.	
765kV Line Reactor-1 at Banaskantha (PS)	18-Jun-23	18:35:00	18-Jun-23	18:57:00	0:00:00	0:00:00	0:22:00	0:00:00	704 LR converted in to Line Reactor from Bus Reactor as Line kept out for Voltage regulation against code WRLDC- 2112 and NLDC-1957	
765kV Line Reactor-2 at Banaskantha (PS)	18-Jun-23	21:31:00	21-Jun-23	12:58:00	0:00:00	0:00:00	0:00:00	63:27:00	765kV Line Reactor-2 at Banaskantha (PS) discharged because of 765kV Lakadia (PS) - Banaskantha (PS) Ckt-2 Manually tripped at 15:02 hrs due to heavy spark observed Line Isolator R-ph at Lakadia end and wavetrap, BPI structure damage due to heavy rain and wind flow during Biporjoy cyclone against code WRLDC: 2111 & NLDC: 1961	
765kV Line Reactor-1 at Banaskantha (PS)	24-Jun-23	4:40:00	24-Jun-23	5:06:00	0:00:00	0:00:00	0:26:00	0:00:00	704 LR converted in to Bus Reactor from Line Reactor as Line kept out for Voltage regulation against code WRLDC- 2654 and NLDC-2577	

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765kV Lakadia (PS) - Banaskantha (PS) Ckt-1	24-Jun-23	4:40:00	30-Jun-23	18:58:00	0:00:00	0:00:00	158:18:00	0:00:00	765kV Lakadia (PS) - Banaskantha (PS) Ckt-1 Manually discharged at 04:40 hrs (24/06/2023) for voltage regulation against Code : WRLDC 2654- & NLDC-2577. Line till date made off for voltage regulation.	99.93
765kV Line	1-Jul-23	0:00:00	15-Jul-23	10:32:00	0:00:00	0:00:00	346:32:00	0:00:00	765kV Lakadia (PS) - Banaskantha (PS) Ckt-1 Manually discharged at 04:40 hrs (24/06/2023) for voltage regulation against Code : WRLDC 2654- & NLDC-2577. (On dated 15/07/2023 Charging Code: WRLDC-1316 NLDC:1295)	100
765kV Laka	15-Jul-23	9:54:00	15-Jul-23	10:33:00	0:00:00	0:00:00	0:39:00	0:00:00	704 LR converted in to Line Reactor from Bus Reactor Line charged which is out for Voltage regulation against code WRLDC- 1316 and NLDC-1295)	
765kV Line	3-Aug-23	21:52:00	3-Aug-23	23:42:00	1:50:00	0:00:00	0:00:00	0:00:00	765kV Line Reactor-1 (704 LR) tripped on date 03.08.2023_21:52Hrs due to malfunction of CSD at Adani Bay PGCIL 765kV Banaskantha SS. After CSD bypassed, 704 LR charged at 23:42Hrs against code WRLDC-214 NLDC-254	99.94
765kV Line	13-Sep-23	13:52:00	13-Sep-23	15:34:00	1:42:00	0:00:00	0:00:00	0:00:00	765kV Line Reactor-1 manually discharged at 10:53 hrs on date 13.09.2023 against code WRLDC Code: WR/1171 and NLDC code: NLDC/1130 for for taking Spare Reactor into service in place of line reactor-1 B phase as per CEA guideline at Banaskantha SS. (Line Reactor-1 B-phase was discharged on dated 13.09.2023 against code NLDC- 1130 WRLDC_1171) & Charged at 16:12 Hrs on 13.09.2023. (Chargibg code: WRLDC/1211 & NLDC/1171) Note: Readiness has been sent at 15:04 although extra 30 minutes considerd into Licensee account.	
765kV Line	13-Sep-23	10:52:00	13-Sep-23	13:52:00	0:00:00	0:00:00	0:00:00	3:00:00	765kV Line Reactor-1 manually discharged at 10:53 hrs on date 13.09.2023 against code WRLDC Code: WR/1171 and NLDC code: NLDC/1130 for for taking Spare Reactor into service in place of line reactor-1 B phase as per CEA guideline at Banaskantha SS. (Line Reactor-1 B-phase was discharged on dated 13.09.2023 against code NLDC- 1130 WRLDC_1171) (Chargibg code: WRLDC/1211 & NLDC/1171) Note: 3 Hours Considerd as Deemed for Reactor Changeover as per Minutes from OCC.	
765kV Laka	13-Sep-23	10:52:00	13-Sep-23	16:12:00	0:00:00	0:00:00	0:00:00	5:20:00	765KV-LAKADIA-BANASKANTHA-1 manually discharged at 10:53 hrs on date 13.09.2023 against code WRLDC Code: WR/1169 and NLDC code: NLDC/1129 for taking Spare Reactor into service in place of line reactor-1 B phase as per CEA guideline at Banaskantha SS. (Charging code : WRLDC/1210 & NLDC/1170)	

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	Date	Time	Date	Time	Inter-State Transmission LICENCE	OTHERS	System constraint/ Natural calamity/ Militancy	DEEMED AVAILABLE	Reason of Outage	% Availability
765KV Lakadia	17-Sep-23	21:14:00	17-Sep-23	21:14:00	0:00:00	0:00:00	0:00:00	0:00:00	765KV Lakadia–Banaskantha Ckt-1 Auto Recloser operated successfully in R phase at both end on dt. 17.09.2023 at 21:14 Hrs. At Lakadia SS, 765KV Lakadia–Banaskantha Ckt-1 is remains charged through TIE Bay in which AR operated successfully. At Lakadia SS, Main Bay of 765KV Lakadia–Banaskantha Ckt-1 tripped due to PD operated at 21:14 hrs on 17.09.2023. Main Bay of 765KV Lakadia–Banaskantha Ckt-1 Charged successfully at 22:20hrs on 17.09.2023 at Lakadia SS.	99.88

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