

Element wise Outage Details of Jam Khambaliya 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		
400KV Jamkhabh aliya - Lakadia Line-1 up to LILO portion 400KV	29-Apr-23	4:04:00	29-Apr-23	4:04:00	0:00:00	0:00:00	0:00:00	0:00:00	401 Line-1 AR operated successfully(Zone -1);JKTL END Distance:-61.7 KM; Remote End Distance:- 135.4 KM SCOPE : PGCIL		100
400KV Jamkhabh aliya - Lakadia Line-2 up to LILO portion 400KV	29-Apr-23	7:38:00	29-Apr-23	7:38:00	0:00:00	0:00:00	0:00:00	0:00:00	404 Line-2 AR operated successfully(Zone -1);JKTL END Distance:- 130.6 KM; Remote End Distance:- 59 KM SCOPE : PGCIL		
400KV Jamkhabh aliya - Lakadia Line-2 up to LILO portion 400KV	30-Apr-23	18:55:00	30-Apr-23	20:40:00	0:00:00	1:45:00	0:00:00	0:00:00	Tripped due to R-E fault (Zone -1); WTL END Distance:-137KM; Remote End Distance:- 49.07 KM;		
400KV Jamkhabh aliya - Lakadia Line-1 up to LILO portion 400KV	30-Apr-23	16:21:00	30-Apr-23	18:15:00	0:00:00	1:54:00	0:00:00	0:00:00	Tripped on Y-E fault (Zone -1); WTL END Distance:-139.7KM; Remote End Distance:- 48.7 KM. SCOPE : PGCIL; Charging Code- WRLDC: 3390		
400KV Jamkhabh aliya - Lakadia Line-2 up to LILO portion 400KV	1-May-23	18:49:00	1-May-23	20:21:00	0:00:00	1:32:00	0:00:00	0:00:00	404 Line-2 Tripped (Zone -1);JKTL END Distance:-48 KM; Remote End Distance:- 148.2 KM Charging Code:- WR/74 Scope: PGCIL		100
400KV Jamkhabh aliya - Lakadia Line-1 up to LILO portion 400KV	15-May-23	9:10:00	15-May-23	21:13:00	0:00:00	12:03:00	0:00:00	0:00:00	Outage taken by PGCIL for attending Shutdown nature defects A/R off of 400KV-LAKADIA-JAMKHAMBALIYA-2 to be kept on non auto mode and dia to be kept open at both ends taken by PGCIL Discharging Code:- WR/1524 Charging Code:- WR/1621		

Element Name	Outage		Restoration		Duration of Outage Attributable to					% Availability
	Date	Time	Date	Time	Inter-State Transmi ssion LICENCE	OTHERS	System constraint/ Natural calamity/ Militancy	DEEMED AVAILAB LE	Reason of Outage	
400kV Jamkhabh aliya - Lakadia Line-2 up to LILO portion	16-May-23	7:27:00	16-May-23	19:15:00	0:00:00	11:48:00	0:00:00	0:00:00	Outage taken by PGCIL for attending Shutdown nature defects A/R off of 400KV-LAKADIA-JAMKHAMBALIYA-1 to be kept on non auto mode and dia to be kept open at both ends taken by PGCIL Discharging Code:- WR/1629 Charging Code:- WR/1725	
400kV Jamkhabh aliya - Lakadia Line-1 up to LILO portion	16-Jun-23	13:37:49	16-Jun-23	16:11:00	0:00:00	2:33:11	0:00:00	0:00:00	401 Line-1 AR operated successfully;M-1 Details OF JKTL EndDistance:- 162.5 KM;Fault Current:-0.76KA;M-2 Details of JKTL END,Distance:-163 KMFault Current:-0.78 KA;(Zone-1 Operated)R Phase	
400kV Jamkhabh aliya - Lakadia Line-1 up to LILO portion	16-Jun-23	11:16:00	16-Jun-23	11:58:00	0:00:00	0:42:00	0:00:00	0:00:00	Charging Code: WR/1857 DT receive from Lakadiya end (due to 400kV Bus discharged at 11:11)	
400kV Jamkhabh aliya - Lakadia Line-2 up to LILO portion	16-Jun-23	11:17:00	16-Jun-23	12:11:00	0:00:00	0:54:00	0:00:00	0:00:00	Charging Code:- WR/1857 DT receive from Lakadiya end (due to 400kV Bus discharged at 11:11)	
400/220kV ICT-1 at Jamkhamb haliya SS	16-Jun-23	11:38:00	16-Jun-23	12:35:00	0:00:00	0:00:00	0:57:00	0:00:00	Charging Code: WR/1866 All ICT's at jamkhambhaliya has been switch off as there is no load in 400kV lines (So to avoid High charging current before charging lines all ICT's Manually tripped as concern by WRLDC)	
400/220kV ICT-2 at Jamkhamb haliya SS	16-Jun-23	11:38:00	16-Jun-23	12:42:00	0:00:00	0:00:00	1:04:00	0:00:00	Charging Code: WR/1867 All ICT's at jamkhambhaliya has been switch off as there is no load in 400kV lines (So to avoid High charging current before charging lines all ICT's Manually tripped as concern by WRLDC)	
400/220kV ICT-3 at Jamkhamb haliya SS	16-Jun-23	11:38:00	16-Jun-23	12:45:00	0:00:00	0:00:00	1:07:00	0:00:00	Charging Code: WR/1868 All ICT's at jamkhambhaliya has been switch off as there is no load in 400kV lines (So to avoid High charging current before charging lines all ICT's Manually tripped as concern by WRLDC)	
400/220kV ICT-4 at Jamkhamb haliya SS	16-Jun-23	11:39:00	16-Jun-23	12:51:00	0:00:00	0:00:00	1:12:00	0:00:00	Charging Code: WR/1869 All ICT's at jamkhambhaliya has been switch off as there is no load in 400kV lines (So to avoid High charging current before charging lines all ICT's Manually tripped as concern by WRLDC)	

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	
400KV Jamkhabh aliya - Lakadia Line-1 up to LILO portion	16-Jun-23	8:56:00	16-Jun-23	8:56:00	0:00:00	0:00:00	0:00:00	0:00:00	401 Line-1 AR operated successfully;M-1 Details OF JKTL End,Distance:-0.1 KM;;Fault Current:-3.8KA;;M-2 Details of JKTL END,Distance:-0.1 KM,Fault Current:-3.8KA;,(Zone-1 Operated),R Phase	100
400KV Jamkhabh aliya - Lakadia Line-1 up to LILO portion	16-Jun-23	9:18:00	16-Jun-23	9:18:00	0:00:00	0:00:00	0:00:00	0:00:00	401 Line-1 AR operated successfully;M-1 Details OF JKTL EndDistance:-0.1 KM;;Fault Current:-3.8KA;;M-2 Details of JKTL ENDDistance:-0.1 KMFault Current:-3.8KA;(Zone-1 Operated)R Phase	
400KV Jamkhabh aliya - Lakadia Line-1 up to LILO portion	16-Jun-23	13:25:24	16-Jun-23	13:25:24	0:00:00	0:00:00	0:00:00	0:00:00	401 Line-1 AR operated successfully;M-1 Details OF JKTL EndDistance:-162 KM;;Fault Current:-0.79KA;;M-2 Details of JKTL ENDDistance:-163 KMFault Current:-0.78KA;(Zone-1 Operated)Y Phase	
400KV Jamkhabh aliya - Lakadia Line-1 up to LILO portion	16-Jun-23	13:34:03	16-Jun-23	13:34:03	0:00:00	0:00:00	0:00:00	0:00:00	401 Line-1 AR operated successfully;M-1 Details OF JKTL EndDistance:-164 KM;;Fault Current:-0.76KA;;M-2 Details of JKTL ENDDistance:-165 KMFault Current:-0.81 KA;(Zone-1 Operated),R Phase	
400KV Jamkhabh aliya - Lakadia Line-1 up to LILO portion	16-Jun-23	13:33:24	16-Jun-23	13:33:24	0:00:00	0:00:00	0:00:00	0:00:00	401 Line-1 AR operated successfully;M-1 Details OF JKTL EndDistance:-165 KM;;Fault Current:-0.84KA;;M-2 Details of JKTL ENDDistance:-164 KMFault Current:-0.78KA;(Zone-1 Operated),Y Phase	
400KV Jamkhabh aliya - Lakadia Line-1 up to LILO portion	16-Jun-23	13:35:38	16-Jun-23	13:35:38	0:00:00	0:00:00	0:00:00	0:00:00	401 Line-1 AR operated successfully;M-1 Details OF JKTL EndDistance:-165.7 KM;;Fault Current:-0.79KA;;M-2 Details of JKTL ENDDistance:-171.5 KMFault Current:-0.83 KA;(Zone-1 Operated)	
400KV Jamkhabh aliya - Lakadia Line-1 up to LILO portion	16-Jun-23	13:32:04	16-Jun-23	13:32:04	0:00:00	0:00:00	0:00:00	0:00:00	401 Line-1 AR operated successfully;M-1 Details OF JKTL EndDistance:-167.1 KM;;Fault Current:-0.80KA;;M-2 Details of JKTL END,Y Phase	

Element Name	Outage		Restoration		Duration of Outage Attributable to						% Availability
	Date	Time	Date	Time	Inter-State Transmi ssion LICENCE	OTHERS	System constraint/ Natural calamity/ Militancy	DEEMED AVAILAB LE	Reason of Outage		
400kV Jamkhabh aliya - Lakadia Line-1 up to LILO portion	16-Jun-23	13:37:38	16-Jun-23	13:37:38	0:00:00	0:00:00	0:00:00	0:00:00	401 Line-1 AR operated successfully;M-1 Details OF JKTL EndDistance:-170 KM;Fault Current:-0.77KA;M-2 Details of JKTL ENDDistance:-171 KMFault Current:-0.80 KA;(Zone-1 Operated),R Phase		
400kV Jamkhabh aliya - Lakadia Line-2 up to LILO portion	16-Jun-23	10:52:00	16-Jun-23	10:52:00	0:00:00	0:00:00	0:00:00	0:00:00	404 Line-2 AR operated successfully; M-1 Details OF JKTL End:-NA;M-2 Details of JKTL END,Distance:-205.43 KM,Fault R Phase		
400kV, 63MVAR Line Reactor-2 at Lakadia SS	22-Sep-23	13:11:00	22-Sep-23	15:25:00	2:14:00	0:00:00	0:00:00	0:00:00	SF6 Leakage attend For L/R Breaker	99.98	
400/220kV ICT-1 at Jamkhamb haliya SS	17-Oct-23	9:31:00	18-Oct-23	21:34:00	0:00:00	0:00:00	0:00:00	36:03:00	203 89A Gas Leakage Attending at 220kV for the bay of 203 Jamkhambaliya End. In view of Bus-1 & Bus-2 of 220kV. there is no power flow at our end so we had hand tripped the transformer at our end. As per the guidance given by WRLDC the consent has been taken in advanced from remote end so that there is no generation loss due to bus outage at JKTL end. So kindly considered this Outage as a deemed and consent confirmation mail is attached for your reference.		
400/220kV ICT-2 at Jamkhamb haliya SS	17-Oct-23	9:33:00	18-Oct-23	21:30:00	0:00:00	0:00:00	0:00:00	35:57:00	203 89A Gas Leakage Attending at 220kV for the bay of 203 Jamkhambaliya End. In view of Bus-1 & Bus-2 of 220kV. there is no power flow at our end so we had hand tripped the transformer at our end. As per the guidance given by WRLDC the consent has been taken in advanced from remote end so that there is no generation loss due to bus outage at JKTL end. So kindly considered this Outage as a deemed and consent confirmation mail is attached for your reference.		

Element Name	Outage		Restoration		Duration of Outage Attributable to						% Availability
	Date	Time	Date	Time	Inter-State Transmi ssion LICENCE	OTHERS	System constraint/ Natural calamity/ Militancy	DEEMED AVAILAB LE	Reason of Outage		
400/220kV ICT-3 at Jamkhamb haliya SS	17-Oct-23	9:34:00	18-Oct-23	21:20:00	0:00:00	0:00:00	0:00:00	35:46:00	203 89A Gas Leakage Attending at 220kV for the bay of 203 Jamkhambaliya End. In view of Bus-1 & Bus-2 of 220kV. there is no power flow at our end so we had hand tripped the transformer at our end. As per the guidance given by WRLDC the consent has been taken in advanced from remote end so that there is no generation loss due to bus outage at JKTL end. So kindly considered this Outage as a deemed and consent confirmation mail is attached for your reference.	99.99	
400/220kV ICT-4 at Jamkhamb haliya SS	17-Oct-23	9:40:00	18-Oct-23	21:25:00	0:00:00	0:00:00	0:00:00	35:45:00	203 89A Gas Leakage Attending at 220kV for the bay of 203 Jamkhambaliya End. In view of Bus-1 & Bus-2 of 220kV. there is no power flow at our end so we had hand tripped the transformer at our end. As per the guidance given by WRLDC the consent has been taken in advanced from remote end so that there is no generation loss due to bus outage at JKTL end. So kindly considered this Outage as a deemed and consent confirmation mail is attached for your reference.		
400kV, 63MVAR Line Reactor-2 at Lakadia SS	25-Dec-23	15:45:00	31-Dec-23	23:59:00	152:14:00	0:00:00	0:00:00	0:00:00	400kV, 63MVAR Line Reactor-2 at Lakadia SS Shutdown taken for Over hauling work.	98.58	

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