

Element wise Outage Details of North Karanpura Transco Limited 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		
400kV Maithon-RB (TPS) - Dhanbad (LILO) Ckt-1	08-04-2024 11:05	08-04-2024 13:41	00:00	02:36	00:00	00:00	400 KV MPL-Dhanbad ckt-1 Emergency shutdown taken to attend hotspot observed in line isolator R-ph by 400kV Maithan Substation. Discharging Code:ERLDC -04/441, Charging Code:ERLDC:04/444	100%
400kV Maithon-RB (TPS) - Dhanbad (LILO) Ckt-1	21-05-2024 09:25	21-05-2024 19:38	00:00	10:13	00:00	00:00	400kV Dhanbad - Ranchi Ckt-1 shutdown taken by PGCIL Ranchi SS for Maintenance activity at Ranchi end. Discharging code: ERLDC-1289 and Charging Code: ERLDC- 1340.	100%
400kV Maithon-RB (TPS) - Dhanbad (LILO) Ckt-1	30-05-2024 20:03	31-05-2024 15:12	00:00	19:09	00:00	00:00	400kV Dhanbad-Ranchi ckt-1 tripped due to B phase to ground fault in Zone-1 Fault Distance is 74.00km from Dhanbad SS. Charging attempt taken from Ranchi end at 20:29 hrs against code ERLDC – 2060, but line did't hold. After failure of charging attempt tripping was converted into Shutdown against code ERLDC-2063. Charging Code ERLDC-2127.	
400kV Maithon-RB (TPS) - Dhanbad (LILO) Ckt-2	21-05-2024 08:31	21-05-2024 08:31	00:00	00:00	00:00	00:00	400KV Ranchi Dhanbad ckt-2 Auto Recloser successfull from both end in Bphase to Ground Zone-1 fault, Fault Distance - 127.9 kM from Dhanbad SS and 41.25km from Ranchi end.	100%
400kV Maithon-RB (TPS) - Dhanbad (LILO) Ckt-2	30-05-2024 20:38	30-05-2024 20:38	00:00	00:00	00:00	00:00	400kV Dhanbad Ranchi Ckt-2 Auto-reclose successfully Operated at R-phase to ground in Zone-1 fault. During the Fault Distance - 32.39 km from Dhanbad SS.	
400kV North Karanpura - Chandwa(Jharkhand) Ckt-1	17-07-24 17:45	18-07-2024 1:06	00:00	07:21	00:00	00:00	Emergency Outage taken for 400kV North Karanpura - Chandwa Ckt-1 by NKSTPP for attending oil leakage and CT replacement in Bay-416 R-phase CT at NKSTPP end. Discharging Code: ERLDC-07/878 Charging Code: ERLDC-07/904 Note: Outage taken was in scope of NTPC	100%
400kV North Karanpura - Chandwa(Jharkhand) Ckt-2	17-07-2024 13:48	17-07-2024 17:10	00:00	03:22	00:00	00:00	Emergency Outage taken for 400kV North Karanpura - Chandwa Ckt-2 by NKSTPP for attending Bay-412 Line side CT Hotspot at NKSTPP end. Discharging Code: ERLDC-07/862 Charging Code: ERLDC-07/872 Note: Outage taken was in scope of NTPC"	100%
400kV Dhanbad - Ranchi (PGCIL) (LILO) Ckt-1	20-08-2024 09:01	20-08-2024 19:17	00:00	10:16	00:00	00:00	400kV Dhanbad - Ranchi (PGCIL) (LILO) ckt-1 outage taken for attending the nature defect by Ranchi (PGCIL)end. Discharging code: ERLDC-1198 Charging code: ERLDC-1231	100%
400kV Maithon-RB (TPS) - Dhanbad (LILO) Ckt-2	10-04-2024 11:28	10-04-2024 12:26	00:00	00:58	00:00	00:00	400kV DHANBAD - MAITHAN Ckt-2 outage was taken for first time charging of FGD Dia-6 at Maithon end. Discharging code: ERLDC - 202 Charging code: ERLDC-204	100%
400kV Dhanbad - Ranchi (PGCIL) (LILO) Ckt-1	01-11-2024 13:16	01-11-2024 13:16	00:00	00:00	00:00	00:00	400kV Dhanbad-Ranchi ckt-1 Auto reclosure successful operated on Yph to Ground, Zone-1, 3.8km distance from Dhanbad SS and 135.4km distance from Ranchi end.	100%
400kV Dhanbad - Ranchi (PGCIL) (LILO) Ckt-1	27-11-2024 08:57	27-11-2024 19:35	00:00	10:38	00:00	00:00	400kV Dhanbad-Ranchi ckt-1 outage was taken to attend flashed insulator replacement work by PGCIL Ranchi end. Discharging code: ERLDC-1912 Charging code: ERLDC-1989	
125MVAR, 400kV Bus Reactor-1 at Dhanbad SS	30-11-2024 12:16	30-11-2024 12:59	00:00	00:00	00:00	00:43	125MVAR, 400kV Bus Reactor emergency outage was taken to remove kite's thread stuck on Reactor bushing at Dhanbad SS. Evidence regarding this event are attached for the reference. Discharging code: ERLDC-2232 Charging code: ERLDC-2238 Readiness Time: 12:54hrs.	100%
400kV Dhanbad - Ranchi (PGCIL) (LILO) Ckt-1	12-12-2024 20:08	12-12-2024 21:29	00:00	01:21	00:00	00:00	400kV Maithon-RB (TPS) - Dhanbad (LILO) ckt-1 shutdown was taken to facilitate dead bus charging of 400kV Main Bus-1 at Maithan end. Discharging code: ERLDC-1069 Charging code: ERLDC-1070	100%

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400kV Dhanbad - Ranchi (PGCIL) (LILO) Ckt-1	26-12-2024 07:19	26-12-2024 15:51	00:00	08:32	00:00	00:00	400kV Maithon-RB (TPS) - Dhanbad (LILO) ckt-1 shutdown was taken to facilitate the Bus shutdown at Maithan end. Discharging code: ERLDC-2393 Charging code: ERLDC-2445	100%
400kV Dhanbad - Ranchi (PGCIL) (LILO) Ckt-2	26-12-2024 15:22	26-12-2024 16:38	00:00	01:16	00:00	00:00	400kV Maithon-RB (TPS) - Dhanbad (LILO) ckt-2 shutdown was taken to facilitate the Bus shutdown at Maithan end. Discharging code: ERLDC-2441 Charging code: ERLDC-2453	100%
500MVA, 400/220kV ICT-1 at Dhanbad SS	23-12-2024 08:59	23-12-2024 18:43	09:44	00:00	00:00	00:00	500MVA, 400/220kV ICT -1 planned shutdown was taken for annual maintenance work at Dhanbad SS. Discharging code: ERLDC-2150 Charging code: ERLDC-2198 Readiness time: 18:31hrs	98.69%
500MVA, 400/220kV ICT-2 at Dhanbad SS	26-12-2024 09:18	26-12-2024 18:48	09:30	00:00	00:00	00:00	500MVA, 400/220kV ICT -2 planned shutdown was taken for annual maintenance work at Dhanbad SS. Discharging code: ERLDC-2413 Charging code: ERLDC-2475 Readiness time: 18:33hrs	98.72%
400kV Maithon-RB (TPS) - Dhanbad (LILO) Ckt-1	10-01-2025 17:11	10-01-2025 18:28	00:00	01:17	00:00	00:00	400kV Maithon-RB (TPS) - Dhanbad (LILO) ckt-1 tripped due to REL-650 relay DC supply fail at Maithan end SS and DT received at Dhanbad SS. Charging code: ERLDC-818	100%
400kV North Karanpura - Chandwa(Jharkhand) Ckt-1	28-02-2025 12:35	28-02-2025 17:17	04:42	00:00	00:00	00:00	400kV North Karanpura - Chandwa ckt-1 planned shutdown was taken for annual maintenance and testing work. Shutdown code: ERLDC-1762 Charging code: ERLDC-1811 NKTL Charging readiness: 17:17 Hrs. and actual charged at 19:33 Hrs.	99.30%
400kV North Karanpura - Chandwa(Jharkhand) Ckt-2	26-02-2025 09:11	26-02-2025 13:45	04:34	00:00	00:00	00:00	400kV North Karanpura - Chandwa ckt-2 planned shutdown was taken for annual maintenance and testing work. Shutdown code: ERLDC-1623 Charging code: ERLDC-1647 NKTL Charging readiness: 13:45 Hrs. and actual charged at 18:47 Hrs.	99.32%
400kV Maithon-RB (TPS) - Dhanbad (LILO) Ckt-1	20-03-2025 10:47	20-03-2025 17:39	06:52	00:00	00:00	00:00	400kV Maithon-RB (TPS) - Dhanbad ckt-1 shutdown was taken for attending Annual maintenance work at Dhanbad SS. Discharging code: ERLDC-931 Charging code: ERLDC-952 Readiness time: 16:31 hrs.	99.08%
400kV Maithon-RB (TPS) - Dhanbad (LILO) Ckt-2	27-03-2025 10:37	27-03-2025 17:41	07:04	00:00	00:00	00:00	400kV Maithon-RB (TPS) - Dhanbad ckt-2 shutdown was taken for attending Annual maintenance work at Dhanbad SS. Discharging code: ERLDC-1458 Charging code: ERLDC-1473 Readiness time: 17:10 hrs.	99.05%
125MVAR, 400kV Bus Reactor-1 at Dhanbad SS	18-03-2025 10:21	18-03-2025 18:34	08:13	00:00	00:00	00:00	125MVAR, 400kV Bus Reactor -1 outage was taken to attend annual maintenance work at Dhanbad SS. Discharging code: ERLDC-797 Charging code: ERLDC-839 Readiness time: 18:12 hrs.	98.90%
125MVAR, 400kV Bus Reactor-2 at Dhanbad SS	24-03-2025 10:01	24-03-2025 17:48	07:47	00:00	00:00	00:00	125MVAR, 400kV Bus Reactor -2 outage was taken to attend annual maintenance work at Dhanbad SS. Discharging code: ERLDC-1221 Charging code: ERLDC-1248 Readiness time: 17:45 hrs.	98.95%

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