

**Element wise Outage Details of North Karanpura Transco Limited for FY 2022 - 23**

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 Dhanbad - Ranchi (PGCIL) (LILO) Ckt-1	21-May-22	13:14:00	21-May-22	13:40:00	0:00:00	0:26:00	0:00:00	0:00:00	Line tripped due to B-ph to E/F, Zone-1 distance protection operated, 130.8 Kms from Dhanbad SS.	100	
400kV Dhanbad - Ranchi (PGCIL) (LILO) Ckt-2	21-May-22	13:14:00	21-May-22	13:50:00	0:00:00	0:36:00	0:00:00	0:00:00	Line tripped due to B-ph to E/F, Zone-2 distance protection operated, 153.5 Kms from Dhanbad SS.		
500MVA, 400/220kV ICT-2 at Dhanbad SS	26-Dec-22	8:23:00	26-Dec-22	17:34:00	9:11:00	0:00:00	0:00:00	0:00:00	Annual Maintenance Work	99.877	
400kV North Karanpura - Chandwa Ckt-1	2-Jan-23	10:16:00	2-Jan-23	17:43:00	0:00:00	7:27:00	0:00:00	0:00:00	Shutdown taken by PGCIL SS		
400kV North Karanpura - Chandwa Ckt-1	2-Jan-23	10:17:00	2-Jan-23	17:47:00	0:00:00	7:30:00	0:00:00	0:00:00	Shutdown taken by PGCIL SS		
400kV North Karanpura - Chandwa Ckt-1	12-Jan-23	12:27:00	12-Jan-23	13:03:00	0:00:00	0:36:00	0:00:00	0:00:00	Shutdown taken by NTPC		
400kV Dhanbad - Ranchi (PGCIL) (LILO) Ckt-2	18-Jan-23	9:34:00	18-Jan-23	22:21:00	0:00:00	12:47:00	0:00:00	0:00:00	Outage taken by PGCIL Diamond formation of earthwire for 400 KV Ranchi- Raghunathpur ckt 283 with 400 KV Ranchi- Dhanbad ckt - 182		
400kV Dhanbad - Ranchi (PGCIL) (LILO) Ckt-1	18-Jan-23	9:33:00	18-Jan-23	22:19:00	0:00:00	12:46:00	0:00:00	0:00:00	Outage taken by PGCIL for Diamond formation of earthwire for 400 KV Ranchi- Raghunathpur ckt 283 with 400 KV Ranchi- Dhanbad ckt - 182		

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	Date	Time	Date	Time	Inter-State Transmission LICENCE	OTHERS	System constraint/ Natural calamity/ Militancy	DEEMED AVAILABLE	Reason of Outage		
400kV Maithon-RB (TPS) - Dhanbad (LILO) Ckt-1	25-Jan-23	8:00:00	25-Jan-23	20:08:00	0:00:00	12:08:00	0:00:00	0:00:00	400KV Dhanbad- Maithon Ckt -1 shutdown has been taken by MPL end for Line Bay Maintenance Job	100	
400kV North Karanpura - Chandwa Ckt-1	27-Jan-23	9:11:00	27-Jan-23	15:14:00	0:00:00	6:03:00	0:00:00	0:00:00	Shutdown taken by PGCIL SS		
400kV Dhanbad - Ranchi (PGCIL) (LILO) Ckt-1	30-Jan-23	8:16:00	30-Jan-23	19:30:00	0:00:00	11:14:00	0:00:00	0:00:00	Emergency SD taken by PGCIL for replacement damaged pilot insulator string at loc. no. 424.		
400kV Maithon-RB (TPS) - Dhanbad (LILO) Ckt-1	1-Feb-23	8:59:00	1-Feb-23	21:22:00	0:00:00	12:23:00	0:00:00	0:00:00	Bus-1 Shut down for Isolator Erection work at MPL end for Bay Upgradation work under ERSS-XVII (B)		
400kV Maithon-RB (TPS) - Dhanbad (LILO) Ckt-2	1-Feb-23	9:19:00	1-Feb-23	21:56:00	0:00:00	12:37:00	0:00:00	0:00:00	Bus-1 Shut down for Isolator Erection work at MPL end for Bay Upgradation work under ERSS-XVII (B)		
400kV Maithon-RB (TPS) - Dhanbad (LILO) Ckt-1	17-Feb-23	7:21:00	18-Feb-23	0:12:00	0:00:00	16:51:00	0:00:00	0:00:00	TO FACILITATE BUS-1 S/D AT MPL AND TO AVOID TRIPPING OF ST-2 AND UNIT-2 DURING LINE FAULT(Emergency SD).		
400kV Maithon-RB (TPS) - Dhanbad (LILO) Ckt-2	17-Feb-23	7:41:00	18-Feb-23	0:41:00	0:00:00	17:00:00	0:00:00	0:00:00	TO FACILITATE BUS-1 S/D AT MPL AND TO AVOID TRIPPING OF ST-2 AND UNIT-2 DURING LINE FAULT(Emergency SD).		
400kV Maithon-RB (TPS) - Dhanbad (LILO) Ckt-1	23-Feb-23	8:37:00	24-Feb-23	0:32:00	0:00:00	15:55:00	0:00:00	0:00:00	Emergency Shutdown Taken by MPL		

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400kV Maithon-RB (TPS) - Dhanbad (LILO) Ckt-2	23-Feb-23	8:57:00	24-Feb-23	0:50:00	0:00:00	15:53:00	0:00:00	0:00:00	Emergency Shutdown Taken by MPL	99.864	
500MVA, 400/220kV ICT-1 at Dhanbad SS	27-Feb-23	9:21:00	27-Feb-23	18:30:00	9:09:00	0:00:00	0:00:00	0:00:00	500MVA, 400/220kV ICT-1 at Dhanbad SS shutdown taken for Annual Maintenance Of ICT-1		
125MVAR, 400kV Bus Reactor-1 at Dhanbad SS	24-Mar-23	9:47:00	24-Mar-23	19:43:00	9:56:00	0:00:00	0:00:00	0:00:00	Annual Maintenance Of Bus Reactor-1	99.81	
125MVAR, 400kV Bus Reactor-2 at Dhanbad SS	28-Mar-23	12:07:00	28-Mar-23	16:02:00	3:55:00	0:00:00	0:00:00	0:00:00	Annual Maintenance Of Bus Reactor-2		

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