

Provisional Availability Calculation for the Period : From 01.12.2025 To 31.12.2025 (Powerlinks' Lines)																				
a. Intra-regional element - NR																				
Sl. No.	Element Code	Element Name	Total Available Hours	Duration Of Outage Attributable to Powerlinks (OH)	Attributable to Powergrid & others (exclude the outage system constraints)		Outage not to be taken into consideration			Total Duration Available for Consideration (THM)	NSC	Ckt. km	OHxNSCx Ckt kMs	THMxNSCx Ckt kMs	Non Availability Factor/Month (NAFM)	Transmission System Availability Factor (TAFM)	Outage Percentage			
							NC	Grid Incident /System constraints	Deemed Available											
A	B	C	D	E	F		G	H	--	I=D-G-H	J	K	L=ExJxK	M=IxJxK	N=L/M	O=100-100xNAFM	P=NAFM%			
-	-	-	Hours	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Nos.	kms	-				-			
Powerlinks Intra-Regional Lines																				
1	PTL400NR15	400kV BLY(PGCIL)-MRT(PGCIL)-I	744:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	744:00:00	2	183.322	0.00	11365.964	0.00	100.00%	0.00%		
2	PTL400NR13	400kV BLY(PGCIL)-MRT(PGCIL)-II	744:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	744:00:00	2	183.322	0.00	11365.964	0.00	100.00%	0.00%		
3	PTL400NR16	400kV MRT(PGCIL)-MND(PGCIL)-III	744:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	744:00:00	2	47.509	0.00	2945.558	0.00	100.00%	0.00%		
4	PTL400NR14	400kV MRT(PGCIL)-MND(PGCIL)-IV	744:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	744:00:00	2	47.509	0.00	2945.558	0.00	100.00%	0.00%		
5	PTL400NR09	400kV BLY(UPPCL)-BLY(PGCIL)-I	744:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	744:00:00	2	5.126	0.00	317.812	0.00	100.00%	0.00%		
6	PTL400NR10	400kV BLY(UPPCL)-BLY(PGCIL)-II	744:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	744:00:00	2	5.126	0.00	317.812	0.00	100.00%	0.00%		
7	PTL400NR07	400kV GKP-LKO-I	744:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	744:00:00	2	245.905	0.00	15246.11	0.00	100.00%	0.00%		
8	PTL400NR08	400kV GKP-LKO-II	744:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	744:00:00	2	245.905	0.00	15246.11	0.00	100.00%	0.00%		
				0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	5952:00:00			0.00	59750.888	0.00	100.00%	0.00%		
		Availability of Intra-Regional Powerlinks Lines				100.000%														
b. Inter-regional element (ER - NR)																				
Sl. No.	Element Code	Element Name	Total Available Hours	Duration Of Outage Attributable to Powerlinks (OH)	Attributable to Powergrid & others (exclude the outage system constraints)		Outage not to be taken into consideration			Total Duration Available for Consideration (THM)	NSC	Ckt. kMs.	OHxNSCx Ckt kMs	THMxNSCx Ckt kMs	Non Availability Factor/Month (NAFM)	Transmission System Availability Factor (TAFM)	Outage Percentage			
							NC	Grid Incident /System constraints	Deemed Available											
A	B	C	D	E	F		G	H	--	I=D-G-H	J	K	L=ExJxK	M=IxJxK	N=L/M	O=100-100xNAFM	P=NAFM%			
-	-	-	Hours	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Nos.	kms	-				-			
Powerlinks Inter-Regional Lines																				
1	PTL400IRO5	400kV GKP-MZP-1	744:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	00:00:00	744:00:00	4	260.399	0.00	32289.476	0.00	100.00%	0.00%			
2	PTL400IRO6	400kV GKP-MZP-2	744:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	00:00:00	744:00:00	4	260.399	0.00	32289.476	0.00	100.00%	0.00%			
				0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	00:00:00	1488:00:00			0.00	64578.95	0.00	100.00%	0.00%			
		Availability of Inter-Regional Powerlinks Lines				100.000%														
Availability Calculation for the month of December' 2025 for Powerlink Lines in ERTS																				
Sl. No.	Name of Line	DOC	Line Length (CKM)	No.of Sub Conductors(NSC)	Total duration Available for Consideration (in Minute) Ti	Duration of Outage								Tnai (Min)	Wi (Ti-Tnai) /Ti	Wi (Ti-Tnai) /(Ti*Wi)	100*Σ[Wi (Ti-Tnai)/ Ti] /ΣWi	No. of Tripping	Cumulative Tripping	
						Attributable to Transmission Licencee(PL)		Attributable to Others		Attributable to Force Majeure / Natural Claimity / Militancy		Outage Under the Category of Deemed available								
						Hrs.	Min.	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.							
1	400KV-BINAGURI-KISHANGANJ-1	30-07-2006	93.288	12	44640	0	0	0	0	0	0	0	0	0	1119.46	100.00	99.813	0	0	
2	400KV-BINAGURI-KISHANGANJ-2	02-08-2006	93.288	12	44162	0	0	7	58	0	0	0	0	0	1119.46	100.00		0	0	
3	400KV-NEW PURNEA-KISHANGANJ	30-07-2006	66.002	12	44197	0	0	7	23	0	0	0	0	0	792.02	100.00		0	0	
4	400KV-NEW PURNEA-KISHANGANJ	02-08-2006	66.002	12	44232	0	0	6	48	0	0	0	0	0	792.02	100.00		0	0	
5	400KV-NEW PURNEA-MUZAFFARPUR	21-08-2006	238.531	12	44640	4	43	0	0	0	0	0	0	283	2844.23	99.37		1	1	
6	400KV-NEW PURNEA-MUZAFFARPUR	23-07-2006	238.531	12	44640	0	0	0	0	0	0	0	0	0	2862.37	100.00		0	0	
7	220KV-MUZAFFARPUR(PG)-KANTIL	28-08-2006	24.05	3	44640	0	0	0	0	0	0	0	0	0	72.15	100.00		0	0	
8	220KV-MUZAFFARPUR(PG)-KANTIL	28-08-2006	24.05	3	44640	0	0	0	0	0	0	0	0	0	72.15	100.00		0	0	
															9673.86					
	% Availability for Powerlinks Tr.lines in Eastern Region for the month of Dec'25				99.813															