Provisional Availability Calculation for the Period : From 01.07.2026 To 31.07.2026 (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	OHxNSCxCkt kMs	THMxNSCxCkt 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	744:00:00	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	744:00:00	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	744:00:00	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%
3	PTL400NR14	400kV MRT(PGCIL)-MND(PGCIL	744:00:00	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	PTL400NR09	400kV BLY(UPPCL)-BLY(PGCIL	744:00:00	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%
5	PTL400NR10	400kV BLY(UPPCL)-BLY(PGCIL	744:00:00	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	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	744:00:00	2	245.905	0.00	15246.11	0.00	100.00%	0.00%
7	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	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	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.	OHxNSCxCkt kMs	THMxNSCxCkt 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	PTL400IR05	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	PTL400IR06	400kV GKP-MZP-2	744:00:00	9:08:00	0:00:00	0:00:00	0:00:00	0:00:00	00:00:00	744:00:00	4	260.399	396.39	32289.476	0.01	98.77%	1.23%
				0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	00:00:00	1488:00:00			396.39	64578.95	0.01	99.39%	0.61%
		Availability of Inter-Regional Powerlinks Lines				**99.386%**											

Availability Calculation for the month of July' 2026 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*∑[Wi (Ti-Tnai)/ Ti] /∑Wi	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						Dec'25	
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	100.000	0	0
2	400KV-BINAGURI-KISHANGANJ-2	02-08-2006	93.288	12	44640	0	0	0	0	0	0	0	0	0	1119.46	100.00		0	0
3	400KV-NEW PURNEA-KISHANGANJ-1	30-07-2006	66.002	12	44640	0	0	0	0	0	0	0	0	0	792.02	100.00		0	0
4	400KV-NEW PURNEA-KISHANGANJ-2	02-08-2006	66.002	12	44640	0	0	0	0	0	0	0	0	0	792.02	100.00		0	0
5	400KV-NEW PURNEA-MUZAFFARPUR-1	21-08-2006	238.531	12	44640	0	0	0	0	0	0	0	0	0	2862.37	100.00		1	1
6	400KV-NEW PURNEA-MUZAFFARPUR-2	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)-KANTI(KUVNL)-1	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)-KANTI(KUVNL)-2	28-08-2006	24.05	3	44640	0	0	0	0	0	0	0	0	0	72.15	100.00		0	0
															9692.00				

% Availability for Powerlinks Tr.lines in Eastern Region for the month of July'26 **100.000**