

Provisional Availability Calculation for the Period : From 01.06.2025 To 30.06.2025 (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	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)-I	720:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	720:00:00	2	183.322	0.00	10999.32	0.00	100.00%	0.00%
2	PTL400NR13	400kV BLY(PGCIL)-MRT(PGCIL)-II	720:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	720:00:00	2	183.322	0.00	10999.32	0.00	100.00%	0.00%
3	PTL400NR16	400kV MRT(PGCIL)-MND(PGCIL)-III	720:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	720:00:00	2	47.509	0.00	2850.54	0.00	100.00%	0.00%
3	PTL400NR14	400kV MRT(PGCIL)-MND(PGCIL)-IV	720:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	720:00:00	2	47.509	0.00	2850.54	0.00	100.00%	0.00%
4	PTL400NR09	400kV BLY(UPPCL)-BLY(PGCIL)-I	720:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	720:00:00	2	5.126	0.00	307.56	0.00	100.00%	0.00%
5	PTL400NR10	400kV BLY(UPPCL)-BLY(PGCIL)-II	720:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	720:00:00	2	5.126	0.00	307.56	0.00	100.00%	0.00%
6	PTL400NR07	400kV GKP-LKO-I	720:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	720:00:00	2	245.905	0.00	14754.3	0.00	100.00%	0.00%
7	PTL400NR08	400kV GKP-LKO-II	720:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	720:00:00	2	245.905	0.00	14754.3	0.00	100.00%	0.00%
				0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	5760:00:00			0.00	57823.44	0.00	100.00%	0.00%	
		Availability of Intra-Regional Powerlinks Lines				100.00%												
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	720:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	00:00:00	720:00:00	4	260.399	0.00	31247.88	0.00	100.00%	0.00%
2	PTL400IR06	400kV GKP-MZP-2	720:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	00:00:00	720:00:00	4	260.399	0.00	31247.88	0.00	100.00%	0.00%
				0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	00:00:00	1440:00:00			0.00	62495.76	0.00	100.00%	0.00%
		Availability of Inter-Regional Powerlinks Lines				100.00%												
Availability Calculation for the month of June'25 for Powerlink Lines in ER																		
	Element Name	Attributable to PL		Attributable to Others	God/Grid		Under the	Total Outage			Ti	TNAi	Wi (SIL*Ckt Km)	Wi(Ti-TNAi)/Ti	TNAi)/(Ti* Wi)			
		Hrs	Mins	Hrs	Hrs	Mins	Hrs	Min	Hrs	Min	Hrs	Hrs						
	400 KV NSLG	0	0	0	0	0	0	0	0	0	720.0	0.00	64088.856	64088.9	100.000			
	400 KV NSLG	0	0	0	0	0	0	0	0	0	720.0	0.00	64088.856	64088.9	100.000			
	400 KV KSNE	0	0	0	0	0	0	0	0	0	720.0	0.00	45343.374	45343.4	100.000			
	400 KV KSNE	0	0	0	0	0	0	0	0	0	720.0	0.00	45343.374	45343.4	100.000			
	400 KV NPRM	0	0	0	0	0	0	0	0	0	720.0	0.00	125705.837	125705.8	100.000			
	400 KV NPRM	0	0	0	0	0	0	0	0	0	720.0	0.00	125705.837	125705.8	100.000			
	220 KV MUZ	0	0	0	0	0	0	0	0	0	720.0	0.00	3174.6	3174.6	100.000			
	220 KV MUZ	0	0	0	0	0	0	0	0	0	720.0	0.00	3174.6	3174.6	100.000			
		0	0	0	0	0	0	0	0	0	5760		476625.334	476625.334	800.000			
	Availability	1.00000																
	% Availability	100.000																