

Provisional Availability Calculation for the Period : From 01.08.2024 To 31.08.2024 (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	OH&NSCxCkt km	THM&NSCxCkt km	Non Availability Factor/Month (NAFM)	Transmission System Availability Factor (TAFM)	Outage Percentage
				Hours	Hrs:Min	Hrs:Min	Hrs:Min	NC	Grid Incident /System constraints	Deemed Available								
A	B	C	D	E	F		G	H	--	I=D-G-H	J	K	L=ExsK	M=IsJxK	N=L/M	O=100-100xNAFM	P=NAFM%	
Powerlinks Intra-Regional Lines																		
			Hours	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Nos.	kms	-	-	-	-	-
	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%
	PTL400NR13	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%
	PTL400NR16	400kV MRT(PGCIL)-MND(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	47.509	0.00	2945.558	0.00	100.00%	0.00%
	PTL400NR14	400kV MRT(PGCIL)-MND(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	47.509	0.00	2945.558	0.00	100.00%	0.00%
	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%
	PTL400NR10	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%
	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%
	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	0:00:00	5952:00:00			0.00	59750.888	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	OH&NSCxCkt km	THM&NSCxCkt km	Non Availability Factor/Month (NAFM)	Transmission System Availability Factor (TAFM)	Outage Percentage
				Hours	Hrs:Min	Hrs:Min	Hrs:Min	NC	Grid Incident /System constraints	Deemed Available								
A	B	C	D	E	F		G	H	--	I=D-G-H	J	K	L=ExsK	M=IsJxK	N=L/M	O=100-100xNAFM	P=NAFM%	
Powerlinks Inter-Regional Lines																		
			Hours	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Nos.	kms	-	-	-	-	-
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	0:00:00	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	0:00:00	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	0:00:00	0:00:00	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 August'24 for Powerlink Lines in ER

Element Name	Attributable to PL		Attributable to Others		Act of God/Grid Incident		Outage Under the Category of Deemed available		Total Outage		Ti	TNAI	Wi (Sl* Ckt Km)	Wi(Ti-TNAI)/Ti	100*Wi(Ti-TNAI)/(Ti*Wi)	
	Hrs	Mins	Hrs	Mins	Hrs	Mins	Hrs	Min	Hrs	Min						
1 400 KV NSLG-KSNE-I	0	0	0	0	0	0	0	0	0	0	744.0	0.00	64088.856	64088.9	100.000	
2 400 KV NSLG-KSNE- II	0	0	0	0	0	0	0	0	0	0	744.0	0.00	64088.856	64088.9	100.000	
3 400 KV KSNE-NPRN-I	0	0	0	0	0	0	0	0	0	0	744.0	0.00	45343.374	45343.4	100.000	
3 400 KV KSNE-NPRN-II	0	0	0	0	0	0	0	0	0	0	744.0	0.00	45343.374	45343.4	100.000	
4 400 KV NPRN-MUZ-I	0	0	0	0	0	0	0	0	0	0	744.0	0.00	125705.837	125705.8	100.000	
5 400 KV NPRN-MUZ-II	0	0	0	0	0	0	0	0	0	0	744.0	0.00	125705.837	125705.8	100.000	
6 220 KV MUZ-KANTH-I	0	0	0	0	0	0	0	0	0	0	744.0	0.00	3174.6	3174.6	100.000	
7 220 KV MUZ-KANTH-II	0	0	0	0	0	0	0	0	0	0	744.0	0.00	3174.6	3174.6	100.000	
			0	0	0	0	0	0	0	0	0	5952		476625.334	476625.334	800.000

Availability **1.00000**
% Availability 100.000