

Provisional Availability Calculation for the Period : From 01.05.2024 To 31.05.2024 (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	xNSCxCkt	M=IkJK	N=LM	100-100xNA	P=NAFM%	Outage Percentage	
						NC	Grid Incident /System constraints	Deemed Available										
A	B	C	D	E	F			G	H	--	I=D-G-H	J	K	L=ExJk	M=IkJK	N=LM	100-100xNA	P=NAFM%
-	-	-	Hours	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Nos.	kms	-	-	-	-	-
Powerlinks Intra-Regional Lines																		
1	PTL400NR15	400kV BLY	744:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	744:00:00	2	183.322	0	11365.96	0	100.00%	0.00%
2	PTL400NR13	400kV BLY	744:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	744:00:00	2	183.322	0	11365.96	0	100.00%	0.00%
3	PTL400NR16	400kV MR	744:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	744:00:00	2	47.509	0	2945.558	0	100.00%	0.00%
3	PTL400NR14	400kV MR	744:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	744:00:00	2	47.509	0	2945.558	0	100.00%	0.00%
4	PTL400NR09	400kV BLY	744:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	744:00:00	2	5.126	0	317.812	0	100.00%	0.00%
5	PTL400NR10	400kV BLY	744:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	744:00:00	2	5.126	0	317.812	0	100.00%	0.00%
6	PTL400NR07	400kV GKP	744:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	744:00:00	2	245.905	0	15246.11	0	100.00%	0.00%
7	PTL400NR08	400kV GKP	744:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	744:00:00	2	245.905	0	15246.11	0	100.00%	0.00%
				00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	#####			0	59750.89	0	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	xNSCxCkt	M=IkJK	N=LM	100-100xNA	P=NAFM%	Outage Percentage	
						NC	Grid Incident /System constraints	Deemed Available										
A	B	C	D	E	F			G	H	--	I=D-G-H	J	K	L=ExJk	M=IkJK	N=LM	100-100xNA	P=NAFM%
-	-	-	Hours	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Nos.	kms	-	-	-	-	-
Powerlinks Inter-Regional Lines																		
1	PTL400IR05	400kV GKP	744:00:00	00:00:00	13:14:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	744:00:00	4	260.399	0	32289.48	0	100.00%	0.00%
2	PTL400IR06	400kV GKP	744:00:00	00:00:00	13:14:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	744:00:00	4	260.399	0	32289.48	0	100.00%	0.00%
				00:00:00	13:14:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	#####			0	64578.95	0	100.00%	0.00%

Availability of Inter-Regional Powerlinks Lines **100.00%**

Availability Calculation for the month of May'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		Ti	TNAi	Wi (SIL*Ckt Km)	Wi(Ti-TNAi)/Ti	100*Wi (Ti-TNAi)/(Ti*Wi)
	Hrs	Mins	Hrs	Mins	Hrs	Mins	Hrs	Min					
400 KV NSLG-KSNE-I	0	0	0	0	0	0	0	0	744	0	64089	64089	100
400 KV NSLG-KSNE- II	0	0	0	0	0	0	0	0	744	0	64089	64089	100
400 KV KSNE-NPRN-I	0	0	0	0	0	0	0	0	744	0	45343	45343	100
400 KV KSNE-NPRN-II	0	0	0	0	0	0	0	0	744	0	45343	45343	100
400 KV NPRN-MUZ-I	0	0	13	56	0	0	0	0	744	0	125706	125706	100
400 KV NPRN-MUZ-II	0	0	0	0	0	0	0	0	744	0	125706	125706	100
220 KV MUZ-KANTI-I	0	0	0	0	0	0	0	0	744	0	3174.6	3174.6	100
220 KV MUZ-KANTI-II	0	0	9	55	0	0	0	0	744	0	3174.6	3174.6	100
	0	0	22	111	0	0	0	0	5952		476625	476625	800

Availability **1**
 % Availability **100**