Provisional Availability Calculation for the Period : From 01.02.2025 To 28.02.2025 (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	672:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	672:00:00	2	183.322	0.00	10266.032	0.00	100.00%	0.00%
2	PTL400NR13	400kV BLY(PGCIL)-MRT(PGCIL	672:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	672:00:00	2	183.322	0.00	10266.032	0.00	100.00%	0.00%
3	PTL400NR16	400kV MRT(PGCIL)-MND(PGCI	672:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	672:00:00	2	47.509	0.00	2660.504	0.00	100.00%	0.00%
3	PTL400NR14	400kV MRT(PGCIL)-MND(PGCI	672:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	672:00:00	2	47.509	0.00	2660.504	0.00	100.00%	0.00%
4	PTL400NR09	400kV BLY(UPPCL)-BLY(PGCIL	672:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	672:00:00	2	5.126	0.00	287.056	0.00	100.00%	0.00%
5	PTL400NR10	400kV BLY(UPPCL)-BLY(PGCIL	672:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	672:00:00	2	5.126	0.00	287.056	0.00	100.00%	0.00%
6	PTL400NR07	400kV GKP-LKO-I	672:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	672:00:00	2	245.905	0.00	13770.68	0.00	100.00%	0.00%
7	PTL400NR08	400kV GKP-LKO-II	672:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	672:00:00	2	245.905	0.00	13770.68	0.00	100.00%	0.00%
				0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	5376:00:00			0.00	53968.544	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	672:00:00	1:49:00	0:00:00	0:00:00	0:00:00	0:00:00	00:00:00	672:00:00	4	260.399	78.84	29164.688	0.00	99.73%	0.27%
2	PTL400IR06	400kV GKP-MZP-2	672:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	00:00:00	672:00:00	4	260.399	0.00	29164.688	0.00	100.00%	0.00%
				0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	00:00:00	1344:00:00			78.84	58329.38	0.00	99.86%	0.14%

Availability of Inter-Regional Powerlinks Lines **99.86%**

Availability Calculation for the month of Feb'25 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 (SIL*Ckt Km)	Wi(Ti-TNAi)/Ti	100*Wi(Ti-TNAi)/(Ti*Wi)
		Hrs	Mins	Hrs	Hrs	Mins	Hrs	Min	Hrs	Min	Hrs	Hrs			
	400 KV NSLG-KSNE	0	0	0	0	0	0	0			696.0	0.00	64088.856	64088.9	100.000
	400 KV NSLG-KSNE	0	0	0	0	0	0	0	0	0	696.0	0.00	64088.856	64088.9	100.000
	400 KV KSNE-NPRN	0	0	0	0	0	0	0			696.0	0.00	45343.374	45343.4	100.000
	400 KV KSNE-NPRN	0	0	0	0	0	0	0	0	0	696.0	0.00	45343.374	45343.4	100.000
	400 KV NPRN-MUZ	0	0	0	0	0	0	0	0	0	696.0	0.00	125705.837	125705.8	100.000
	400 KV NPRN-MUZ	0	0	0	0	0	0	0	0	0	696.0	0.00	125705.837	125705.8	100.000
	220 KV MUZ-KANTI	0	0	0	0	0	0	0	0	0	696.0	0.00	3174.6	3174.6	100.000
	220 KV MUZ-KANTI	0	0	0	0	0	0	0	0	0	696.0	0.00	3174.6	3174.6	100.000
		0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5568**		**476625.334**	**476625.334**	**800.000**
	Availability	1.00000													
%	**Availability**	**100.000**													