

**POWERLINKS TRANSMISSION LIMITED**

**Provisional Availability Calculation for the month of April'2021 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	Hrs	Hrs			
400 KV NSLG-KSNE-I	0	0	0	0	0	0	0	0	720.0	0.00	64088.9	64088.9	100.000
400 KV NSLG-KSNE- II	0	0	0	0	0	0	0	0	720.0	0.00	64088.9	64088.9	100.000
400 KV KSNE-NPRN-I	0	0	0	0	0	0	0	0	720.0	0.00	45343.4	45343.4	100.000
400 KV KSNE-NPRN-II	0	0	0	0	0	0	0	0	720.0	0.00	45343.4	45343.4	100.000
400 KV NPRN-MUZ-I	0	0	12	41	6	40	0	0	700.7	0.00	125706	125705.8	100.000
400 KV NPRN-MUZ-II	0	0	12	35	0	0	0	0	707.4	0.00	125706	125705.8	100.000
220 KV MUZ-KANTI-I	0	0	0	0	0	0	0	0	720.0	0.00	3174.6	3174.6	100.000
220 KV MUZ-KANTI-II	0	0	0	0	0	0	0	0	744.0	0.00	3174.6	3174.6	100.000
	<b>0</b>	<b>0</b>	<b>24</b>	<b>76</b>	<b>6</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>5752.1</b>		<b>476625</b>	<b>476625.33</b>	<b>800.000</b>

Availability                    1.00000  
 % Availability                **100.000**

## Provisional Availability Calculation for the Period : From 01.04.2021 To 30.04.2021 (Powerlinks' Lines)

### Inter regional Elements-ER-NR

SI 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 NC (THM)	NSC	Ckt. km	OHxNSCxCkt kMs	THMxNSCxCkt kMs	Non Availability Factor/Month (NAFM)	Transmission System Availability Factor (TAFM)	Outage Percentage
						NC (Natural Calamity)	Grid Incident /System constraints	Deemed Available								
a	b	c	d	e	f	g	h		i=d-g-h	j	k	l=exjxk	M=lxjxK	N=L/M	O=100-100xNAFM	P=NAFM%
--	--	--	Hours	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Nos	Km.					
<b>Powerlinks-Inter Regional Lines-ER-NR</b>																
1	PTL 400 IR 05	400 KV MZP-GKP - I	720:00:00	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	0.00000	100.0000%	0.0000%
2	PTL 400 IR 06	400 KV MZP-GKP - II	720:00:00	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	0.00000	100.0000%	0.0000%
				0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	1440:00:00			0.00	62495.7600	0.00000	<b>100.000%</b>	<b>0.000%</b>

Availability of Inter-Regional Powerlinks Lines for the month of Apl 2021:- **100.000%**

<b>Intra Reginal Element -Northern Region</b>																
SI 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 NC (THM)	NSC	Ckt. km	OHxNSCxCkt kMs	THMxNSCxCkt kMs	Non Availability Factor/Month (NAFM)	Transmission System Availability Factor (TAFM)	Outage Percentage
						NC (Natural Calamity)	Grid Incident /System constraints	Deemed Available								
a	b	c	d	e	f	g	h		i=d-g-h	j	k	l=exjxk	M=lxjxK	N=L/M	O=100-100xNAFM	P=NAFM%
--	--	--	Hours	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Nos	Km.					
<b>Powerlinks Intra-regional Lines-NR</b>																
1	PTL400NR07	400kv GKP-LKO-I	720:00:00	0:00:00	0:00:00	0:00:00	0:48:00	0:00:00	719:12:00	2	245.905	0.00	14737.90633	0.0000	100.000%	0.000%
2	PTL400NR08	400kv GKP-LKO-II	720:00:00	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	0.00000	100.000%	0.000%
3	PTL400NR09	400kv BLY(UPPCL)-BLY(PGCIL)-I	720:00:00	0:00:00	4:01:00	0:00:00	0:00:00	0:00:00	720:00:00	2	5.126	0.00	307.56	0.0000	100.000%	0.000%
4	PTL400NR10	400kv BLY(UPPCL)-BLY(PGCIL)-II	720:00:00	0:00:00	1:40:00	0:00:00	0:00:00	0:00:00	720:00:00	2	5.126	0.00	307.56	0.0000	100.000%	0.000%
5	PTL400NR15	400kv BLY(PGCIL)-MRT(PGCIL)-I	720:00:00	0:00:00	96:19:00	0:00:00	0:00:00	0:00:00	720:00:00	2	183.322	0.00	10999.32	0.0000	100.000%	0.000%
6	PTL400NR13	400kv BLY(PGCIL)-MRT(PGCIL)-II	720:00:00	0:00:00	94:49:00	0:00:00	0:00:00	0:00:00	720:00:00	2	183.322	0.00	10999.32	0.0000	100.000%	0.000%
7	PTL400NR16	400kv MRT(PGCIL)-MND(PGCIL)-III	720:00:00	0:00:00	300:02:00	0:00:00	0:00:00	0:00:00	720:00:00	2	47.509	0.00	2850.54	0.0000	100.000%	0.000%
8	PTL400NR14	400kv MRT(PGCIL)-MND(PGCIL)-IV	720:00:00	0:00:00	301:09:00	0:00:00	0:00:00	0:00:00	720:00:00	2	47.509	0.00	2850.54	0.0000	100.000%	0.000%
				0:00:00	798:00:00	0:00:00	0:48:00	0:00:00	5759:12:00			0.00	57807.04633	0.00000	<b>100.000%</b>	<b>0.000%</b>

Availability of Intra-Regional Powerlinks Lines for the month of Apl'2021:- **100.000%**