

National Load Despatch Centre पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

POWER SYSTEM OPERATION CORPORATION LIMITED

(A wholly owned subsidiary of POWERGRID)
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

Date: 12th Feb 2017

To,

- 1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता 700033 General Manager, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
- 2. महाप्रबंधक, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली 110016 General Manager, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
- 3. महाप्रबंधक, प .क्षे .भा .प्रे .के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई -400093 General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
- 4. महाप्रबंधक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिएह, लोअर नोंग्रह , लापलंग, शिलोंग 793006 General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
- 5. महाप्रबंधक , द .क्षे .भा .प्रे .के.,29 , रेस कोर्स क्रॉस रोड, बंगलुरु -560009 General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 11.02.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 11 फरवरी 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर उप्लब्ध है

As per article 5.5.1 of the Indian Electricity Grid Code, the daily report pertaining power supply position of All India Power System for the date 11th Feb 2017, is available at the NLDC website.

Thanking You.

पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day **Date of Reporting** 12-Feb-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41950	42668	36973	16048	2306	139945
Peak Shortage (MW)	932	0	0	0	44	976
Energy Met (MU)	872	1020	885	330	40	3148
Hydro Gen(MU)	114	33	40	21	5	212
Wind Gen(MU)	6	46	26			79
Solar Gen (MU)*	0.39	10.66	20.50	0.04	0.02	32

B. Frequency Profile (%)

Diffequency Frome ()	70)						
Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
All India	0.035	0.00	0.00	2.15	2.15	70.34	27.51

C. Power Supply Position in States

		Max. Demand	Shortage during	Energy	Drawal	OD(+)/	Max
RegionRegion	States	Met during the	maximum Demand	Met (MU)	Schedule (MU)	UD(-) (MU)	OD (MW
		day (MW)	(MW)	Met (MO)	Schedule (MC)	OD(-) (MO)	OD (MW
	Punjab	5533	0	102.6	47.1	0.1	157
	Haryana	5830	215	109.0	85.8	1.0	307
Delhi NR UP	Rajasthan	9732	167	203.7	68.7	3.2	308
		3578	0	58.8	48.2	-1.2	169
	UP	14133	0	288.4	98.1	0.7	434
	Uttarakhand	1868	0	34.5	21.6	0.1	253
	HP	1282	0	27.2	19.6	0.0	99
	J&K	2087	522	44.7	37.8	-1.0	156
	Chandigarh	201	0	3.3	3.3	0.0	37
	Chhattisgarh	3316	0	75.1	18.8	2.5	420
	Gujarat	13075	0	280.9	74.4	-1.3	646
	MP	10646	0	190.3	101.6	-2.7	334
WR	Maharashtra	20503	0	431.1	160.9	1.0	622
VVIN	Goa	453	0	9.7	8.4	0.8	89
	DD	298	0	6.8	6.6	0.2	23
	DNH	734	0	16.5	16.6	-0.1	36
	Essar steel	764	0	9.9	9.4	0.4	191
	Andhra Pradesh	7136	0	154.0	13.5	1.2	541
	Telangana	8105	0	164.8	76.2	-0.5	665
SR	Karnataka	9605	0	210.5	78.0	3.1	389
3N	Kerala	3453	0	66.7	56.8	2.3	163
	Tamil Nadu	13056	0	283.2	148.9	1.0	594
	Pondy	299	0	6.2	6.4	-0.2	33
	Bihar	3357	0	59.9	58.0	0.3	80
	DVC	2853	0	63.8	-38.4	-1.1	250
ER	Jharkhand	1036	0	23.5	15.8	1.4	90
LIN	Odisha	3697	0	68.5	12.5	0.0	230
	West Bengal	6502	0	113.4	18.6	1.1	380
	Sikkim	82	0	1.3	1.4	-0.1	10
	Arunachal Pradesh	91	4	2.0	1.8	0.2	17
	Assam	1372	26	23.0	17.3	2.2	103
	Manipur	156	2	2.1	2.3	-0.2	9
NER	Meghalaya	292	0	6.1	4.3	0.2	41
	Mizoram	84	1	1.5	1.2	0.3	26
	Nagaland	113	1	2.1	1.7	0.2	30
	Tripura	209	0	3.3	2.1	0.1	31

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.1	-8.1	-12.9
Day peak (MW)	155.0	-366.5	-598.8

E. Import/export By Regions(in MU) - Import(+ve)/Export(-ve); OD(+)/UD(-)

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	195.9	-208.0	84.2	-78.0	5.2	-0.7
Actual(MU)	197.7	-211.5	80.8	-85.3	7.4	-11.0
O/D/U/D(MU)	1.8	-3.5	-3.4	-7.3	2.2	-10.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6066	12606	2270	1780	254	22976
State Sector	12500	19811	6422	4624	110	43467
Total	18566	32417	8692	6404	363	66443

^{*}Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data. सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के॰वि॰पा॰(ग्रि॰प्र॰)/ अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यो के मुख्य सचिव/ऊर्जा सचिव

			EGIONA			Date of R	eporting :	12-Feb-1	
								Import=(+ve) /Export =(-ve) for NET (MU)	
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
mport/E		ER (With NR)		(====)	()		()	()	
1		GAYA-VARANASI	D/C	0	395	0.0	16.7	-16.7	
2	765KV	SASARAM-FATEHPUR	S/C	149	110	0.2	0.0	0.2	
3		GAYA-BALIA	S/C	0	342	0.0	6.4	-6.4	
4	HVDC LINK	PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1	
5	LINK	PUSAULI-SARNATH	S/C	0	212	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	0	78	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	5	311	0.0	4.7	-4.7	
8	400 KV	PATNA-BALIA	Q/C	0	763	0.0	14.8	-14.8	
9		BIHARSHARIFF-BALIA	D/C	5	215	0.0	3.3	-3.3	
10		BARH-GORAKHPUR	D/C	0	531	0.0	11.4	-11.4	
11		BIHARSHARIFF-VARANASI	D/C	22	0	0.0	0.6	-0.6	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	4.5	-4.5	
13		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14	132 KV	GARWAH-RIHAND	S/C	35	0	0.7	0.0	0.7	
15	1	KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
16	<u>I</u>	KARMANASA-CHANDAULI	S/C	0	0 ER-NR	0.0	0.0	0.0	
mnort/E	vnort of	FR (With WR)			EK-NR	0.8	68.4	-67.6	
mport/E		ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C	D/C	345	122	2.8	0.0	2.8	
18	765 KV	NEW RANCHI-DHARAMJAIGARH	D/C D/C	329	172	2.8	0.0	2.8	
19	<u> </u>	ROURKELA - RAIGARH (SEL LILO			0		0.0		
		BYPASS)	S/C	136		1.3		1.3	
20	400 KV	JHARSUGUDA-RAIGARH	S/C	168	0	2.6	0.0	2.6	
21	400 K	IBEUL-RAIGARH	S/C	118	0	1.8	0.0	1.8	
22		STERLITE-RAIGARH	D/C	2	281	0.0	2.8	-2.8	
23		RANCHI-SIPAT	D/C	327	5	3.6	0.0	3.6	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	164	0.0 2.5	2.4	-2.4 2.5	
23	ı	BUDHIPADAR-KORBA	D/C	173	ER-WR	2.5 16.7	5.2	11.5	
mnort/F	xport of	ER (With SR)			EK-WK	10.7	5.2	11.5	
26		ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.9	-18.9	
27	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	257.9	0.0	11.4	-11.4	
28	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1968.5	0.0	42.9	-42.9	
29	400 KV	TALCHER-I/C	D/C	438.9	509.2	3.9	0.5	3.4	
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
					ER-SR	0.0	73.2	-73.2	
mport/E	export of	ER (With NER)	_				•		
31	400 KV	BINAGURI-BONGAIGAON	D/C	0	0	0.0	0.0	0	
32		ALIPURDUAR-BONGAIGAON	D/C	385	500	1.6	0.0	2	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	283	425	0.9	0.0	1	
mm out/E	rmout of	ND (With NED)			ER-NER	2.5	0.0	2.5	
-	T .	NR (With NER)		0	0	0.0	12.0	12.0	
34	нурс	BISWANATH CHARIALI-AGRA	-	0	NR-NER	0.0 0.0	12.0 12.0	12.0 12.0	
mport/F	export of	WR (With NR)			TIK-TILK	0.0	12.0	12.0	
		CHAMPA-KURUKSHETRA	D/C	0	0	0.0	0.0	0.0	
33								1.1	
35 36	HVDC	V'CHAL B/B	D/C	300	100	1.9	0.8		
	HVDC	V'CHAL B/B APL -MHG		300 0	100 2519	0.0	57.2	-57.2	
36			D/C					-57.2 -59.1	
36 37	HVDC 765 KV	APL -MHG	D/C D/C	0	2519	0.0	57.2		
36 37 38		APL -MHG GWALIOR-AGRA	D/C D/C D/C	0	2519 2788	0.0	57.2 59.1	-59.1	
36 37 38 39 40 41	765 KV	APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA -BHINMAL	D/C D/C D/C D/C	0 0 0 152 133	2519 2788 1342 6 144	0.0 0.0 0.0 2.4 0.0	57.2 59.1 29.2 0.0 0.2	-59.1 -29.2 2.4 -0.2	
36 37 38 39 40 41 42		APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA -BHINMAL VCHAL -RIHAND	D/C D/C D/C D/C S/C S/C S/C	0 0 0 152 133 0	2519 2788 1342 6 144 0	0.0 0.0 0.0 2.4 0.0 0.0	57.2 59.1 29.2 0.0 0.2 0.0	-59.1 -29.2 2.4 -0.2 0.0	
36 37 38 39 40 41 42 43	765 KV	APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA -BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR	D/C D/C D/C D/C S/C S/C S/C D/C	0 0 0 152 133 0	2519 2788 1342 6 144 0 384	0.0 0.0 0.0 2.4 0.0 0.0	57.2 59.1 29.2 0.0 0.2 0.0 7	-59.1 -29.2 2.4 -0.2 0.0 -7	
36 37 38 39 40 41 42 43 44	765 KV	APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA -BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR BADOD-KOTA	D/C D/C D/C D/C S/C S/C S/C S/C S/C	0 0 0 152 133 0 0	2519 2788 1342 6 144 0 384 3	0.0 0.0 0.0 2.4 0.0 0.0 0	57.2 59.1 29.2 0.0 0.2 0.0 7 0.3	-59.1 -29.2 2.4 -0.2 0.0 -7 -0.2	
36 37 38 39 40 41 42 43 44 45	765 KV	APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA -BHINMAL VCHAL -RIHAND RAPP-SHUALPUR BADOD-KOTA BADOD-MORAK	D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C	0 0 0 152 133 0 0 19	2519 2788 1342 6 144 0 384 3	0.0 0.0 0.0 2.4 0.0 0.0 0.0 0.0	57.2 59.1 29.2 0.0 0.2 0.0 7 0.3 1.0	-59.1 -29.2 2.4 -0.2 0.0 -7 -0.2 -1.0	
36 37 38 39 40 41 42 43 44 45	765 KV - 400 KV	APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA -BHINMAL V'CHAL -RIHAND RAPP-SHUALPUR BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA	D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 0 0 152 133 0 0 19 0 53	2519 2788 1342 6 144 0 384 3 60	0.0 0.0 0.0 2.4 0.0 0.0 0 0.0 0.0 1.0	57.2 59.1 29.2 0.0 0.2 0.0 7 0.3 1.0 0.0	-59.1 -29.2 2.4 -0.2 0.0 -7 -0.2 -1.0 1.0	
36 37 38 39 40 41 42 43 44 45 46 47	- 765 KV - 400 KV - 220 KV	APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA -BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA	D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 0 0 152 133 0 0 19 0 53	2519 2788 1342 6 144 0 384 3 60 0	0.0 0.0 0.0 2.4 0.0 0.0 0 0 0.0 0.0 1.0	57.2 59.1 29.2 0.0 0.2 0.0 7 0.3 1.0 0.0	-59.1 -29.2 2.4 -0.2 0.0 -7 -0.2 -1.0 1.0 0.1	
36 37 38 39 40 41 42 43 44 45	765 KV - 400 KV	APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA -BHINMAL V'CHAL -RIHAND RAPP-SHUALPUR BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA	D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 0 0 152 133 0 0 19 0 53	2519 2788 1342 6 144 0 384 3 60 0 10	0.0 0.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	57.2 59.1 29.2 0.0 0.2 0.0 7 0.3 1.0 0.0 0.0	-59.1 -29.2 2.4 -0.2 0.0 -7 -0.2 -1.0 0.1 0.0	
36 37 38 39 40 41 42 43 44 45 46 47 48	- 765 KV - 400 KV - 220 KV	APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA -BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 0 0 152 133 0 0 19 0 53	2519 2788 1342 6 144 0 384 3 60 0	0.0 0.0 0.0 2.4 0.0 0.0 0 0 0.0 0.0 1.0	57.2 59.1 29.2 0.0 0.2 0.0 7 0.3 1.0 0.0	-59.1 -29.2 2.4 -0.2 -0.0 -7 -0.2 -1.0 0.1	
36 37 38 39 40 41 42 43 44 45 46 47 48	- 765 KV - 400 KV - 220 KV - 132KV	APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDAKANKROLI ZERDABHINMAL VCHALRIHAND RAPP-SHUJALPUR BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR)	D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 0 0 152 133 0 0 19 0 53 12	2519 2788 1342 6 144 0 384 3 6 0 0 10 0 WR-NR	0.0 0.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 1.0 0.1 0.0 5.4	57.2 59.1 29.2 0.0 0.2 0.0 7 0.3 1.0 0.0 0.0 154.4	-59.1 -29.2 2.4 -0.2 -0.2 -0.2 -1.0 1.0 0.1 0.0 -149.0	
36 37 38 39 40 41 42 43 44 45 46 47 48	- 765 KV - 400 KV - 220 KV - 132KV - 2xport of HVDC	APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B	D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 0 0 152 133 0 0 0 19 0 53 12 0	2519 2788 1342 6 1444 0 384 3 60 0 0 WR-NR	0.0 0.0 0.0 2.4 0.0 0.0 0.0 0.0 1.0 0.1 0.0 5.4	57.2 59.1 29.2 0.0 0.2 0.0 7 0.3 1.0 0.0 0.0 0.0 154.4	-59.1 -29.2 2.4 -0.0 -7 -0.2 -1.0 0.1 0.0 -149.0	
36 37 38 39 40 41 42 43 44 45 46 47 48 mport/E	- 765 KV - 400 KV - 220 KV - 132KV - 2xport of 'HVDC LINK	APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA -BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU	D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 0 0 152 133 0 0 19 0 53 12 0	2519 2788 1342 6 1444 0 384 3 60 0 10 WR-NR	0.0 0.0 0.0 2.4 0.0 0.0 0.0 0.0 1.0 0.1 0.0 5.4	57.2 59.1 29.2 0.0 0.2 0.0 7 0.3 1.0 0.0 0.0 0.0 154.4	-59.1 -29.2 2.4 -0.2 -7 -0.2 -1.0 0.1 0.0 -149.0	
36 37 38 39 40 41 42 43 44 45 46 47 48 mport/E 49 50 51	- 765 KV - 400 KV - 220 KV - 132KV - 2xport of ' HVDC LINK - 765 KV	APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA -BHINMAL V'CHAL -RIHAND RAPP-SHUJALPUR BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR	D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 0 0 152 133 0 0 19 0 53 12 0	2519 2788 1342 6 1444 0 384 3 60 0 10 WR-NR	0.0 0.0 0.0 2.4 0.0 0.0 0.0 0.0 1.0 0.1 0.0 5.4	57.2 59.1 29.2 0.0 0.2 0.0 7 0.3 1.0 0.0 0.0 0.0 154.4 22.6 0.0 24.3	-59.1 -29.2 2.4 -0.2 0.0 -7 -0.2 -1.0 0.1 0.0 -149.0 -22.6 0.0 -24.3	
36 37 38 39 40 41 42 43 44 45 46 47 48 mport/E	- 765 KV - 400 KV - 220 KV - 132KV - 2xport of 'HVDC LINK	APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA -BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-KUDGI	D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 0 0 152 133 0 0 19 0 53 12 0	2519 2788 1342 6 144 0 384 3 60 0 10 0 WR-NR	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	57.2 59.1 29.2 0.0 0.2 0.0 7 0.3 1.0 0.0 0.0 0.0 154.4 22.6 0.0 24.3 2.0	-59.1 -29.2 2.4 -0.2 -0.0 -7 -0.2 -1.0 0.1 0.1 0.0 -149.0 -22.6 0.0 -24.3 -2.0	
36 37 38 39 40 41 42 43 44 45 46 47 48 mport/E 50 51	765 KV 400 KV 220 KV 132KV Export of 'HVDC LINK 765 KV 400 KV	APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA -BHINMAL V'CHAL -RIHAND RAPP-SHUJALPUR BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR	D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 0 0 152 133 0 0 19 0 53 12 0	2519 2788 1342 6 1444 0 384 3 60 0 10 WR-NR	0.0 0.0 0.0 2.4 0.0 0.0 0.0 0.0 1.0 0.1 0.0 5.4	57.2 59.1 29.2 0.0 0.2 0.0 7 0.3 1.0 0.0 0.0 0.0 154.4 22.6 0.0 24.3	-59.1 -29.2 2.4 -0.2 0.0 -7 -0.2 -1.0 0.1 0.0 -149.0 -22.6 0.0 -24.3	
36 37 38 39 40 41 42 43 44 45 46 47 48 mport/E 50 51 52 53	765 KV 400 KV 220 KV 132KV Export of 'HVDC LINK 765 KV 400 KV	APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-RUDGI KOLHAPUR-CHIKODI	D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 0 0 152 133 0 0 0 19 0 53 12 0 0	2519 2788 1342 6 6 144 0 384 3 60 0 0 WR-NR 1000 0 1512 257 277	0.0 0.0 0.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 0.1 0.0 5.4	57.2 59.1 29.2 0.0 0.2 0.0 7 0.3 1.0 0.0 0.0 0.0 154.4 22.6 0.0 24.3 2.0 5.5	-59.1 -29.2 2.4 -0.2 -0.0 -7 -0.2 -1.0 -1.0 -1.0 -149.0 -22.6 -0.0 -24.3 -2.0 -5.5	
36 37 38 39 40 41 42 43 44 45 46 47 48 mport/E 49 50 51 51 52 53 54	765 KV 400 KV 220 KV 132KV Export of 'HVDC LINK 765 KV 400 KV	APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHABDRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 0 0 152 133 0 0 0 19 0 53 12 0 0	2519 2788 1342 6 144 0 384 3 60 0 0 0 WR-NR 1000 0 1512 257 277 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	57.2 59.1 29.2 0.0 0.2 0.0 7 0.3 1.0 0.0 0.0 154.4 22.6 0.0 24.3 2.0 5.5 0.0	-59.1 -29.2 2.4 -0.0 -7 -0.2 -1.0 1.0 0.1 -149.0 -22.6 0.0 -24.3 -2.0 -5.5 0.0	
36 37 38 39 40 41 42 43 44 45 46 47 48 mport/E 49 50 51 51 52 53 54	765 KV 400 KV 220 KV 132KV Export of 'HVDC LINK 765 KV 400 KV	APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 0 0 152 133 0 0 0 19 0 53 12 0 0 0 0 19 0 0 53 142 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2519 2788 1342 6 1444 0 384 3 60 0 0 WR-NR	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	57.2 59.1 29.2 0.0 0.2 0.0 7 0.3 1.0 0.0 0.0 154.4 22.6 0.0 24.3 2.0 5.5 0.0 0.0	-59.1 -29.2 2.4 -0.2 -0.0 -7 -0.2 -1.0 1.0 0.1 -149.0 -22.6 0.0 -24.3 -2.0 -5.5 0.0 1.0	

₹ 58 BANGLADESH -9.1