

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

Date: 12th June, 2016

Ref: POSOCO/NLDC/SO/Daily PSP Report

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. Executive Director, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली 110016 कार्यपालक निदेशक, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
- 3. महाप्रबंधक, प. क्षे. भा. प्रे. के., एफ-3, 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. कार्यपालक निदेशक, द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगल्र 560009 Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 11.06.2016.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स. - 5.5.1 के प्रावधान के अन्सार, दिनांक 11th जून 2016 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा॰भा॰प्रे॰के॰ की वेबसाइट पर निम्न लिंक 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 June 2016, is available at the NLDC website.

http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/May%202016/12.06.16 NLDC PSP.pdf

Thanking You.

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day Date of Reporting 12-Jun-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	39325	41853	33658	18145	2217	135199
Peak Shortage (MW)	545	51	0	100	252	948
Energy Met (MU)	1012	999	754	393	42	3200
Hydro Gen(MU)	298	15	29	39	18	398
Wind Gen(MU)	29	118	102			249

B. Frequency Profile (%)

Region	<49.2	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
NEW GRID	0.00	0.00	0.12	3.47	3.59	71.97	24.44
SR GRID	0.00	0.00	0.12	3.47	3.59	71.97	24.44

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	8336	0	162.7	90.3	1.3	320
	Haryana	6542	0	127.4	99.1	-3.7	607
	Rajasthan	9353	0	204.0	64.0	-0.2	453
	Delhi	5172	0	99.0	82.0	-1.6	208
NR	UP	14883	0	313.3	144.7	0.2	869
	Uttarakhand	1815	75	39.5	20.8	1.5	158
	HP	1248	0	26.1	6.0	1.4	253
	J&K	1804	451	34.0	17.1	-5.0	223
	Chandigarh	267	0	5.5	5.5	0.3	23
	Chhattisgarh	3164	0	74	24	0	360
	Gujarat	14766	0	321	71	-4	419
	MP	6959	0	158	108	-1	322
WR	Maharashtra	17649	0	401	137	2	457
WK	Goa	430	0	9	8	0	4
	DD	324	0	7	7	1	64
	DNH	755	0	18	18	0	2
	Essar steel	506	0	10	11	-1	156
	Andhra Pradesh	6331	0	133	0.7	-1.1	805
	Telangana	5559	0	118	74.7	1.6	319
SR	Karnataka	6971	0	138	45.7	-1.3	502
Jii	Kerala	2998	0	57	47.1	1.4	196
	Tamil Nadu	13542	0	301	120.3	1.5	840
	Pondy	349	0	8	7.8	-0.3	21
	Bihar	3474	150	71	68.4	-0.8	170
	DVC	2846	0	62	-29.7	-0.2	140
ER	Jharkhand	1108	0	22	15.1	-0.1	125
Liv	Odisha	3691	0	81	30.3	3.2	310
	West Bengal	7597	0	155	41.3	2.2	280
	Sikkim	91	0	1	1.0	0.3	25
	Arunachal Pradesh	106	6	2	2.1	-0.3	15
	Assam	1450	110	28	20.2	2.9	305
	Manipur	130	2	2	2.0	0.0	32
NER	Meghalaya	274	0	5	0.2	0.5	67
	Mizoram	72	3	1	1.0	0.2	21
	Nagaland	109	1	1	1.8	-0.4	24
	Tripura	188	18	3	3.1	-0.2	38

 ${\color{red} \textbf{D. Transnational Exchanges} \ (MU) - \textbf{Import}(+\textbf{ve})/\textbf{Export}(-\textbf{ve})}$

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.4	-5.5	-12.6
Day peak (MW)	473.1	-229.9	-555.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	140.4	-147.0	70.2	-65.1	-3.0	-4.5
Actual(MU)	155.6	-171.5	68.9	-60.6	-1.8	-9.3
O/D/U/D(MU)	15.2	-24.5	-1.3	4.5	1.2	-4.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3642	13254	3380	1550	23	21849
State Sector	12005	16869	7297	4489	110	40770
Total	15647	30123	10677	6039	133	62619

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि॰प्रा॰(ग्रि॰प्र॰)/ अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिङ)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यो के मुख्य सचिव/ऊर्जा सचिव

		INTER-R	EGIONA	L EACHA	INGES	Date of R	eporting :	12-Jun
	V-14		1	Max	Max		Formant	Import=(+ve) /Export =(-ve) for NET (MU)
Sl No	Voltage Level	Line Details	Circuit	Import (MW)	Export (MW)	Import (MU)	Export (MU)	NET (MU)
nport/E	export of	ER (With NR)	D/C	72	60	0.0	0.0	0.0
2	765KV	GAYA-VARANASI SASARAM-FATEHPUR	D/C S/C	73 364	68	0.0 6.4	0.9	-0.9 6.4
3	703K V	GAYA-BALIA	S/C	0	201	0.0	3.2	-3.2
	HVDC	-						
4	LINK	PUSAULI B/B	S/C	0	199	0.0	4.8	-4.8
5		PUSAULI-SARNATH	S/C	0	190	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR	D/C D/C	51	63 432	0.0	5.5	0.0 -5.5
8	400 KV	PATNA-BALIA	O/C	0	799	0.0	13.7	-13.7
9		BIHARSHARIFF-BALIA	D/C	136	193	0.0	0.4	-0.4
10		BARH-GORAKHPUR	D/C	0	503	0.0	10.3	-10.3
11		BIHARSHARIFF-VARANASI	D/C	204	0	2.2	0.0	2.2
12	220 KV	PUSAULI-SAHUPURI	S/C	0	241	0.0	4.8	-4.8
13	4	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14	132 KV	GARWAH-RIHAND	S/C	0	0	0.7	0.0	0.7
15 16	1	KARMANASA-SAHUPURI KARMANASA-CHANDAULI	S/C S/C	0	0	0.0	0.0	0.0
10	1	IN MINIANASA CHANDAULI	3/C	U	ER-NR	9.2	43.6	-34.4
nport/E	Export of	ER (With WR)				, ,, <u>-</u>	0	
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	692	0.0	11.8	-11.8
18	/05 KV	NEW RANCHI-DHARAMJAIGARH	D/C	123	218	0.0	1.1	-1.1
19		ROURKELA - RAIGARH (SEL LILO	S/C	95	49	1.1	0.0	1.1
20	1	BYPASS) JHARSUGUDA-RAIGARH	S/C	111	44	2.2	0.0	2.2
21	400 KV	IBEUL-RAIGARH	S/C	82	28	0.6	0.0	0.6
22		STERLITE-RAIGARH	D/C	0	60	0.0	0.0	0.0
23		RANCHI-SIPAT	D/C	303	0	4.8	0.0	4.8
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	129	0.0	1.9	-1.9
25		BUDHIPADAR-KORBA	D/C	77	25	0.5	0.0	0.5
	C 1	ED (Wist CD)			ER-WR	9.2	14.8	-5.7
26		ER (With SR) JEYPORE-GAZUWAKA B/B	D/C	0.0	252	0.0	11.2	-11.2
27	HVDC LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1991	0.0	48.0	-48.0
28	400 KV	TALCHER-I/C	D/C	294.3	137	2.0	0.9	1.2
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
					ER-SR	2.0	59.2	-59.2
nport/E	Export of	ER (With NER)						,
30	400 KV	BINAGURI-BONGAIGAON	Q/C	311	102	2	0	2
31	220 KV	BIRPARA-SALAKATI	D/C	0	0 ED MED	0	0	0
nnort/F	Export of 1	NR (With NER)			ER-NER	1.9	0.2	1.6
							0.0	0.0
32	HVDC	BISWANATH CHARIALI-AGRA		0	0	0.0		
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	0 NR-NER	0.0 0.0	0.0	0.0
	•	BISWANATH CHARIALI-AGRA WR (With NR)	-	0				0.0
	•		D/C	250				3.7
33 34	Export of 'HVDC'	WR (With NR) VCHAL B/B APL -MHG	D/C D/C		NR-NER	0.0	0.0	
33 34 35	Export of V HVDC HVDC 765 KV	WR (With NR) VCHAL B/B APL -MHG GWALIOR-AGRA	D/C D/C D/C	250 0 0	NR-NER 200 2520 3242	0.0 4 0	0.0 1 47 56	3.7 47 56
33 34 35 36	Export of V HVDC HVDC 765 KV	WR (With NR) VCHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR	D/C D/C D/C D/C	250 0 0 0	200 2520 3242 676	0.0 4 0 0	1 47 56 11	3.7 47 56 11
33 34 35 36 37	Export of Y HVDC HVDC 765 KV 765 KV	WR (With NR) VCHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI	D/C D/C D/C D/C S/C	250 0 0 0 0	200 2520 3242 676 0	0.0 4 0 0 0	0.0 1 47 56 11 0	3.7 47 56 11 0
33 34 35 36 37 38	Export of V HVDC HVDC 765 KV 765 KV 400 KV	WR (With NR) VCHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA -BHINMAL	D/C D/C D/C D/C S/C S/C	250 0 0 0 0 0	NR-NER 200 2520 3242 676 0 392	0.0 4 0 0 0 0 0	0.0 1 47 56 11 0 6	3.7 47 56 11 0
33 34 35 36 37	Export of V HVDC HVDC 765 KV 765 KV 400 KV 400 KV	WR (With NR) VCHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA -BHINMAL VCHAL -RIHAND	D/C D/C D/C D/C S/C	250 0 0 0 0	NR-NER 200 2520 3242 676 0 392 0	0.0 4 0 0 0 0 0 6	0.0 1 47 56 11 0 6	3.7 47 56 11 0
33 34 35 36 37 38 39	Export of V HVDC HVDC 765 KV 765 KV 400 KV	WR (With NR) VCHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA -BHINMAL	D/C D/C D/C D/C S/C S/C S/C	250 0 0 0 0 0 0	NR-NER 200 2520 3242 676 0 392	0.0 4 0 0 0 0 0	0.0 1 47 56 11 0 6	3.7 47 56 11 0
33 34 35 36 37 38 39 40	Export of V HVDC HVDC 765 KV 765 KV 400 KV 400 KV 400 KV	WR (With NR) VCHAL B/B 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	250 0 0 0 0 0 0 0	NR-NER 200 2520 3242 676 0 392 0 0	0.0 4 0 0 0 0 0 6 0	0.0 1 47 56 11 0 6 0	3.7 47 56 11 0 11 0
33 34 35 36 37 38 39 40 41	Export of V HVDC HVDC 765 KV 765 KV 400 KV 400 KV	WR (With NR) VCHAL B/B 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 S/C	250 0 0 0 0 0 0 0 0 0	NR-NER 200 2520 3242 676 0 392 0 0 0	0.0 4 0 0 0 0 0 6 0 0	0.0 1 47 56 11 0 6 0 0	3.7 47 56 11 0 11 0 0.0
33 34 35 36 37 38 39 40 41 42 43	Export of V HVDC HVDC 765 KV 765 KV 400 KV 400 KV 400 KV 400 KV	WR (With NR) VCHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA -BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR 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	250 0 0 0 0 0 0 0 0 0 0 74 0 38 18	200 2520 3242 676 0 392 0 0 0 67	0.0 4 0 0 0 0 6 0 0 1 0 0	0.0 1 47 56 11 0 6 0 0 0 1 0 0	3.7 47 56 11 0 11 0 0.0 1 1 0 0.0
33 34 35 36 37 38 39 40 41 42 43	Export of V HVDC HVDC 765 KV 765 KV 400 KV 400 KV 400 KV	WR (With NR) VCHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA	D/C D/C D/C D/C D/C S/C S/C	250 0 0 0 0 0 0 0 0 0 0 0 74 0	NR-NER 200 2520 3242 676 0 392 0 0 0 67 34 43	0.0 4 0 0 0 0 6 0 0 1 0 0 0 0	0.0 1 47 56 11 0 6 0 0 0 1 0 0	3.7 47 56 11 0 11 0 0.0 1 1 1 0 0.0 0
33 34 35 36 37 38 39 40 41 42 43 44 45	Export of ' HVDC HVDC 765 KV 765 KV 400 KV 400 KV 400 KV 400 KV 132KV	WR (With NR) VCHAL B/B 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	250 0 0 0 0 0 0 0 0 0 0 74 0 38 18	NR-NER 200 2520 3242 676 0 392 0 0 0 67 34 43	0.0 4 0 0 0 0 6 0 0 1 0 0	0.0 1 47 56 11 0 6 0 0 0 1 0 0	3.7 47 56 11 0 11 0 0.0 1 1 0 0.0
33 34 35 36 37 38 39 40 41 42 43 44 45	Export of ' HVDC HVDC 765 KV 765 KV 400 KV 400 KV 400 KV 400 KV 132KV	WR (With NR) VCHAL B/B 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)	D/C D/C D/C D/C D/C D/C S/C S/C	250 0 0 0 0 0 0 0 0 0 74 0 38 18	NR-NER 200 2520 3242 676 0 392 0 0 67 34 43 0 WR-NR	0.0 4 0 0 0 0 6 0 0 1 0 0 0 0 1 0 0 1 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 1 47 56 11 0 6 0 0 0 1 0 0 0 1 0 0	3.7 47 56 11 0 11 0 0.0 1 1 0 0 1 1 0 1 1 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0
33 34 35 36 37 38 39 40 41 42 43 44 45	Export of ' HVDC HVDC 765 KV 765 KV 400 KV 400 KV 400 KV 132KV Export of ' HVDC	WR (With NR) VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR 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 S/C S/C	250 0 0 0 0 0 0 0 0 0 74 0 38 18 0	NR-NER 200 2520 3242 676 0 392 0 0 67 34 43 0 WR-NR	0.0 4 0 0 0 0 6 0 0 1 0 0 0 1 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 1 47 56 11 0 6 0 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	3.7 47 56 11 0 11 0 0.0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	Export of ' HVDC HVDC 765 KV 765 KV 400 KV 400 KV 400 KV 400 KV 132KV Export of ' HVDC LINK	WR (With NR) VCHAL B/B 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 S/C S/C	250 0 0 0 0 0 0 0 0 74 0 38 18 0	NR-NER 200 2520 3242 676 0 0 392 0 0 67 34 43 0 WR-NR	0.0 4 0 0 0 0 6 0 0 1 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 1 47 56 11 0 6 0 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	3.7 47 56 11 0 11 0 0.0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0
33 34 35 36 37 38 39 40 41 42 43 44 45	Export of ' HVDC HVDC 765 KV 765 KV 400 KV 400 KV 400 KV 132KV Export of ' HVDC	WR (With NR) VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR 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 D/C S/C S/C	250 0 0 0 0 0 0 0 0 0 74 0 38 18 0	NR-NER 200 2520 3242 676 0 392 0 0 67 34 43 0 WR-NR	0.0 4 0 0 0 0 6 0 0 1 0 0 0 1 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 1 47 56 11 0 6 0 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	3.7 47 56 11 0 11 0 0.0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0
33 34 35 36 37 38 39 40 41 42 43 44 45 pport/E 46 47	Export of ' HVDC HVDC 765 KV 765 KV 400 KV 400 KV 400 KV 400 KV 132KV Export of ' HVDC LINK 765 KV	WR (With NR) VCHAL B/B 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	D/C D/C D/C D/C D/C S/C S/C	250 0 0 0 0 0 0 0 0 0 0 0 0 0	NR-NER 200 2520 3242 676 0 0 0 0 0 67 34 43 0 WR-NR	0.0 4 0 0 0 0 6 6 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 1 47 56 11 0 6 0 0 1 1 0 1 1 0 0 39 0	3.7 47 56 11 0 11 0 0.0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0
33 34 35 36 37 38 39 40 41 42 43 44 45 45 47 48 49	Export of ' HVDC HVDC 765 KV 765 KV 400 KV 400 KV 400 KV 132KV Export of ' HVDC LINK 765 KV 400 KV	WR (With NR) VCHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR ZERDA-KANKROLI ZERDA-BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR BADOD-KOTA BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-LSILERU SOLAPUR-RAICHUR KOLHAPUR-KUDGI	D/C D/C D/C D/C S/C S/C	250 0 0 0 0 0 0 0 0 0 0 0 0 38 18 0	NR-NER 200 2520 3242 676 0 0 392 0 0 0 0 43 43 0 WR-NR	0.0 4 0 0 0 0 0 1 0 0 1 0 0 0 0	0.0 1 47 56 11 0 6 0 0 1 1 0 0 1 1 0 0 39 0 0 0	3.7 47 56 11 0 11 0 0.0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0
33 34 35 36 37 38 38 39 40 41 42 43 44 45 45 47 48 49 50	Export of ' HVDC HVDC 765 KV 765 KV 400 KV 400 KV 400 KV 132KV Export of ' HVDC LINK 765 KV 400 KV	WR (With NR) VCHAL B/B 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 KOLHAPUR-CHIKODI	D/C D/C D/C D/C D/C S/C S/C	250 0 0 0 0 0 0 0 0 0 74 0 38 18 0	NR-NER 200 2520 3242 676 0 392 0 0 0 67 34 43 0 WR-NR	0.0 4 0 0 0 0 0 0 1 0 0 0 11.2	0.0 1 47 56 11 0 6 0 0 0 1 1 0 0 121.4	3.7 47 56 11 0 0.0 1 1 0 0 0 0 1 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0
33 34 35 36 37 38 39 40 41 42 44 44 45 45 46 47 47 50 51	Export of ' HVDC HVDC 765 KV 765 KV 400 KV 400 KV 400 KV 132KV Export of ' HVDC LINK 765 KV 400 KV	WR (With NR) VCHAL B/B 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 KOLHAPUR-CHIKODI PONDA-AMBEWADI	D/C D/C D/C D/C D/C D/C S/C S/C	250 0 0 0 0 0 0 0 0 0 74 0 38 18 0 0 0 0 0 0 0 0 0 0 0 0 0	NR-NER 200 2520 3242 676 0 392 0 0 0 67 34 43 0 WR-NR 0 0 2044 0 0 81 1000	0.0 4 0 0 0 0 0 0 11 0 0 0 11.2	0.0 1 47 56 11 0 6 0 0 0 1 1 0 0 121.4	3.7 47 56 11 0 11 0 0.0 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0
33 34 35 36 37 38 39 40 41 42 43 44 45 45 47 48 49 50 51 52	Export of ' HVDC HVDC 765 KV 765 KV 400 KV 400 KV 400 KV 132KV Export of ' HVDC LINK 765 KV 400 KV	WR (With NR) VCHAL B/B 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 KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	D/C D/C D/C D/C D/C D/C S/C S/C	250 0 0 0 0 0 0 0 0 0 74 0 38 18 0 0 0 0 0 0 0 0 0 0 0 0 0	NR-NER 200 2520 3242 676 0 0 392 0 0 0 67 34 43 0 WR-NR 0 0 2044 0 0 81 1000 0 WR-SR	0.0 4 0 0 0 0 0 0 1 0 0 0 11.2	0.0 1 47 56 11 0 6 0 0 0 1 0 0 121.4	3.7 47 56 11 0 11 0 0.0 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0
33 34 35 36 37 38 39 40 41 42 43 44 45 45 47 48 49 50 51	Export of ' HVDC HVDC 765 KV 765 KV 400 KV 400 KV 400 KV 132KV Export of ' HVDC LINK 765 KV 400 KV	WR (With NR) VCHAL B/B 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 KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	D/C D/C D/C D/C D/C D/C S/C S/C	250 0 0 0 0 0 0 0 0 0 74 0 38 18 0 0 0 0 0 0 0 0 0 0 0 0 0	NR-NER 200 2520 3242 676 0 0 392 0 0 0 67 34 43 0 WR-NR 0 0 2044 0 0 81 1000 0 WR-SR	0.0 4 0 0 0 0 0 0 1 0 0 0 11.2	0.0 1 47 56 11 0 6 0 0 0 1 0 0 121.4	3.7 47 56 11 0 11 0 0.0 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0