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

Report for previous day **Date of Reporting** 13-Jan-14

## A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	35433	37022	30224	14915	1854	119448
Peak Shortage (MW)	1787	123	1559	100	231	3800
Energy Met (MU)	785	860	742	286	34	2707
Hydro Gen(MU)	97	45	82	16	7	248
Wind Gen(MU)	5	32	13			50

B. Frequency Profile (%)

Diffrequency Frome (7	<b>v</b> )						
Region	<49.2	49.2-49.5	49.5-49.7	49.7-49.8	<49.7	49.7-50.2	> 50.2
NEW GRID	0.0	0.0	0.0	0.4	0.0	83.1	16.9
SR GRID	0.0	0.0	2.4	15.4	2.4	94.8	2.8

C.Power Supply Position in States

		Max. Demand Met	Peak hour	Energy	Drawal	OD(+)/	Max
RegionRegion	States	during the day (MW)	Shortage (MW)	Met (MU)	Schedule (MU)	<b>UD</b> (-) (MU)	OD (MW)
	Punjab	5330	0	95.5	35.6	1.2	228
	Haryana	5609	0	108.4	46.7	0.5	333
	Rajasthan	9477	0	195.4	76.8	-3.8	198
	Delhi	3564	7	61.7	43.6	-2.3	111
NR	UP	10027	1630	222.6	93.4	-2.9	288
	Uttarakhand	1639	40	32.4	24.7	-0.1	161
	HP	1245	10	23.9	19.8	-0.2	128
	J&K	1900	100	42.0	32.8	2.9	284
	Chandigarh	199	0	3.4	3.1	0.3	30
	Chhattisgarh	2943	5	65.1	15.0	-1.3	254
	Gujarat	11288	0	235.9	36.2	2,2	838
	MP	8771	0	170.8	85.4	-3.5	524
14/0	Maharashtra	16915	118	352.2	111.7	7.4	683
WR	Goa	348	0	6.7	5.9	0.0	82
	DD	242	0	5.8	5.7	0.1	11
	DNH	625	0	14.8	14.6	0.2	30
	Essar steel	393	0	8.4	8.2	0.2	40
	Andhra Pradesh	11640	400	257.4	83.9	5.4	643
	Karnataka	8026	300	175.4	20.4	1.6	308
SR	Kerala	3072	150	54.7	20.0	2.0	308
	Tamil Nadu	11629	709	248.8	74.0	2.2	340
	Pondy	288	0	5.8	6.8	-1.1	0
	Bihar	2011	100	39.9	36.9	0.4	190
	DVC	2833	0	55.6	-16.7	-2.1	440
ER	Jharkhand	1160	0	21.1	11.5	-1.7	100
EN	Odisha	3698	0	70.3	14.6	5.3	530
	West Bengal	5623	0	97.8	14.4	6.4	380
	Sikkim	102	0	1.5	1.5	0.0	24
	Arunachal Pradesh	107	8	1.6	1.4	0.2	32
	Assam	1036	138	20.3	12.8	2.5	169
	Manipur	120	5	1.7	1.8	-0.2	36
NER	Meghalaya	283	2	5.1	3.8	0.2	97
	Mizoram	74	4	1.0	1.0	-0.2	40
	Nagaland	98	7	1.5	1.6	-0.3	20
	Tripura	191	1	3.0	1.0	-0.6	2

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.0	-2.5	-10.6
Max MW		-119.0	-471.0

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

	NR	WR	SR	ER	NER
Schedule(MU)	124.4	-81.4	6.8	-59.9	5.1
Actual(MU)	117.3	-80.1	7.6	-54.9	5.6
O/D/U/D(MU)	-7.1	1.3	0.8	5.0	0.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3984	3728	1610	1470	230	11022
State Sector	4123	9342	210	6254	179	20108
Total	8107	13070	1820	7724	409	31130

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

		<u>INTER-F</u>	<u>EEGIONA</u>	L EXCH	<u>ANGES</u>	Date of F	Reporting :	13-Jan-14
-						Import=(	+ve) /Export	=(-ve)
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
mport/l		ER (With NR)					\	\
1	765KV	GAYA-FATEHPUR	S/C	22	-257	0	-2.7	-2.7
2	/05KV	SASARAM-FATEHPUR	D/C	0	0	0	-6.6	-6.6
3	HVDC LINK	PUSAULI B/B	S/C	0	0	0	-8	-8
4	1	PUSAULI-SARNATH	S/C	0	-221	0	0	0
5	<u> </u>	PUSAULI -ALLAHABAD	D/C	0	-216	0	0	0
6	400 KV	MUZAFFARPUR-GORAKHPUR	D/C	0	-692	0	-9.1	-9.1
7	100 11 1	PATNA-BALIA	D/C	0	-336	0	-12.6	-12.6
8	<u> </u>	BIHARSHARIFF-BALIA	S/C	0	-398	0	-6	-6.4
9		PUSAULI-BALIA	D/C	114	0	2	0	2
10	220 KV	PUSAULI-SAHUPURI	S/C	0	-165	0	-2.8	-2.8
11	4	SONE NAGAR-RIHAND	S/C	0	0	0	0	0
12	132 KV	GARWAH-RIHAND	S/C	35	0	1	0	0.5
13	4	KARMANASA-SAHUPURI	S/C	0	0	0	0	0
14		KARMANASA-CHANDAULI	S/C	0	0	0	0	0
[mport/]	Export of	ER (With WR)			ER-NR	2	-48.0	-45.5
15	1	JHARSUGUDA-RAIGARH	D/C	10	-620	0.0	-5	-5.4
16	400 KV	STERLITE-RAIGARH	D/C	0	-254	0	-8.0	-8.0
17	†	RANCHI-SIPAT	D/C	227	-317	0	-1.8	-1.8
18		BUDHIPADAR-RAIGARH	S/C	0	-204	0	-2.8	-2.8
19	220 KV	BUDHIPADAR-KORBA	D/C	95	-108	0	-1	-0.7
	1	<u> </u>	_ I	l	ER-WR	0.3	-19.0	-18.7
[mport/l	Export of	ER (With SR)		,				
20	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0	-594	0	-14.9	-14.9
21	LINK	TALCHER-KOLAR BIPOLE	D/C	14.8922	-1241	0	-4.5	-4.5
22	400 KV	TALCHER-I/C		1650	0	31	0.0	30.7
23	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0 ER-SR	31	-14.9	15.8
[mport/]	Export of	ER (With NER)			EK-SK	31	-14.9	15.0
					-397	_		
24	400 KV	BINAGURI-BONGAIGAON	D/C	0	-371	0	-4.7	-4.7
24	400 KV 220 KV	, ,	D/C D/C	0	-97	0	-4.7 -1.2	-4.7 -1.2
		BINAGURI-BONGAIGAON						
25	220 KV	BINAGURI-BONGAIGAON			-97	0	-1.2	-1.2
25 Import/I 26	220 KV Export of HVDC	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B	D/C		-97	0	-1.2 -6.0	-1.2 - <b>6.0</b> -0.5
25 [mport/l 26 27	220 KV Export of HVDC 765 KV	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR)  VCHAL B/B GWALIOR-AGRA	D/C D/C D/C	0 1.679 0	-97 <b>ER-NER</b> -300 -1630	0 0 1.679	-1.2 -6.0 -2.190 -30.8102	-1.2 -6.0 -0.5 -30.8
25 [mport/] 26 27 28	Export of HVDC 765 KV 400 KV	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI	D/C D/C D/C S/C	0 1.679 0 2	-97 ER-NER -300 -1630 -59	0 0 1.679 0 1.6	-1.2 -6.0	-1.2 -6.0 -0.5 -30.8 1.6
25 Import/I 26 27 28 29	Export of HVDC 765 KV 400 KV	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL	D/C  D/C  D/C  S/C  S/C	0 1.679 0 2 0	-97 ER-NER  -300 -1630 -59 -257	0 0 1.679 0 1.6 0.0	-1.2 -6.0 -2.190 -30.8102 0 -1	-1.2 -6.0 -0.5 -30.8 1.6 -1.3
25 Import/I 26 27 28 29 30	Export of HVDC 765 KV 400 KV	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA	D/C D/C D/C S/C S/C S/C	0 1.679 0 2 0 1	-97 ER-NER -300 -1630 -59 -257 -7	0 0 1.679 0 1.6 0.0	-1.2 -6.0 -2.190 -30.8102 0 -1 0	-1.2 -6.0 -0.5 -30.8 1.6 -1.3 1.1
25 Import/I 26 27 28 29 30 31	Export of HVDC 765 KV 400 KV	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK	D/C  D/C  D/C  S/C  S/C  S/C  S/C	1.679 0 2 0 1	-97 ER-NER  -300 -1630 -59 -257 -7 -9	0 0 1.679 0 1.6 0.0 1.1	-1.2 -6.0 -2.190 -30.8102 0 -1 0	-1.2 -6.0 -0.5 -30.8 1.6 -1.3 1.1 0.4
25 Import/I 26 27 28 29 30 31 32	220 KV Export of HVDC 765 KV 400 KV	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA	D/C  D/C  D/C  S/C  S/C  S/C  S/C  S/C	0 1.679 0 2 0 1 0	-97 ER-NER  -300 -1630 -59 -257 -7 -9 0	0 0 1.679 0 1.6 0.0 1.1 0.4	-1.2 -6.0 -2.190 -30.8102 0 -1 0 0	-1.2 -6.0 -0.5 -30.8 1.6 -1.3 1.1 0.4 0.9
25 Import/I 26 27 28 29 30 31 32 33	220 KV  Export of HVDC 765 KV 400 KV 400 KV	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA	D/C  D/C  D/C  S/C  S/C  S/C  S/C  S/C	0 1.679 0 2 0 1 0 1 2	-97 ER-NER  -300 -1630 -59 -257 -7 -9 0	0 0 1.679 0 1.6 0.0 1.1 0.4 0.9	-1.2 -6.0 -2.190 -30.8102 0 -1 0 0 0	-1.2 -6.0 -0.5 -30.8 1.6 -1.3 1.1 0.4 0.9 1.6
25 Import/I 26 27 28 29 30 31 32	220 KV Export of HVDC 765 KV 400 KV	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA	D/C  D/C  D/C  S/C  S/C  S/C  S/C  S/C	0 1.679 0 2 0 1 0	-97 ER-NER  -300 -1630 -59 -257 -7 -9 0 0	0 0 1.679 0 1.6 0.0 1.1 0.4 0.9 1.6	-1.2 -6.0 -2.190 -30.8102 0 -1 0 0 0 0	-1.2 -6.0 -0.5 -30.8 1.6 -1.3 1.1 0.4 0.9 1.6 0
25 Import/I 26 27 28 29 30 31 32 33 34	220 KV  Export of HVDC 765 KV 400 KV 400 KV 220 KV	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	D/C  D/C  D/C  S/C  S/C  S/C  S/C  S/C	1.679 0 2 0 1 0 1 2	-97 ER-NER  -300 -1630 -59 -257 -7 -9 0 0 WR-NR	0 0 1.679 0 1.6 0.0 1.1 0.4 0.9 1.6 0	-1.2 -6.0 -2.190 -30.8102 0 -1 0 0 0 0 0 -1.3	-1.2 -6.0 -0.5 -30.8 1.6 -1.3 1.1 0.4 0.9 1.6 0
25 Import/I 26 27 28 29 30 31 32 33 34	220 KV  Export of HVDC 765 KV 400 KV 400 KV 220 KV 132KV	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) V'CHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG	D/C  D/C  D/C  S/C  S/C  S/C  S/C  S/C	0 1.679 0 2 0 1 0 1 2	-97 ER-NER  -300 -1630 -59 -257 -7 -9 0 0	0 0 1.679 0 1.6 0.0 1.1 0.4 0.9 1.6	-1.2 -6.0 -2.190 -30.8102 0 -1 0 0 0 0	-1.2 -6.0 -0.5 -30.8 1.6 -1.3 1.1 0.4 0.9 1.6 0
25  Import/I 26 27 28 29 30 31 32 33 34 35  Import/I	220 KV  Export of HVDC 765 KV 400 KV 400 KV 220 KV  132KV  HVDC Export of	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG WR (With SR)	D/C  D/C  D/C  S/C  S/C  S/C  S/C  S/C	0 1.679 0 2 0 1 0 1 2 0	-97 ER-NER  -300 -1630 -59 -257 -7 -9 0 0 WR-NR	0 0 1.679 0 1.6 0.0 1.1 0.4 0.9 1.6 0	-1.2 -6.0 -2.190 -30.8102 0 -1 0 0 0 0 0 -1.3 -48.3	-1.2 -6.0 -0.5 -30.8 1.6 -1.3 1.1 0.4 0.9 1.6 0 -27.1 -48.3
25  Import/I 26 27 28 29 30 31 32 33 34 35  Import/I 36	220 KV  Export of HVDC 765 KV 400 KV 400 KV 220 KV 132KV	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG WR (With SR) BHADRAWATI B/B	D/C  D/C  D/C  S/C  S/C  S/C  S/C  S/C	0 1.679 0 2 0 1 0 1 2	-97 ER-NER  -300 -1630 -59 -257 -7 -9 0 0 WR-NR	0 0 1.679 0 1.6 0.0 1.1 0.4 0.9 1.6 0	-1.2 -6.0 -2.190 -30.8102 0 -1 0 0 0 0 0 -1.3	-1.2 -6.0 -0.5 -30.8 1.6 -1.3 1.1 0.4 0.9 1.6 0
25  Import/I 26 27 28 29 30 31 32 33 34 35  Import/I	220 KV  Export of HVDC 765 KV 400 KV 400 KV 220 KV  132KV  HVDC Export of HVDC LINK	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU	D/C  D/C  D/C  S/C  S/C  S/C  S/C  S/C	0 1.679 0 2 0 1 0 1 2 0	-97 ER-NER  -300 -1630 -59 -257 -7 -9 0 0 WR-NR 1900	0 0 1.679 0 1.6 0.0 1.1 0.4 0.9 1.6 0 5.6	-1.2 -6.0 -2.190 -30.8102 0 -1 0 0 0 0 0 -1.3 -48.3	-1.2 -6.0 -0.5 -30.8 1.6 -1.3 1.1 0.4 0.9 1.6 0 -27.1 -48.3
25  Import/I 26 27 28 29 30 31 32 33 34 35  Import/I 36 37	220 KV  Export of HVDC 765 KV 400 KV 400 KV 220 KV  132KV  HVDC  HVDC	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR	D/C  D/C  D/C  S/C  S/C  S/C  S/C  S/C	0 1.679 0 2 0 1 0 1 2 0	-97 ER-NER  -300 -1630 -59 -257 -7 -9 0 0 WR-NR 1900	0 0 1.679 0 1.6 0.0 1.1 0.4 0.9 1.6 0 5.6 0	-1.2 -6.0 -2.190 -30.8102 0 0 0 0 0 0 0 -1.3 -48.3	-1.2 -6.0  -0.5 -30.8 1.6 -1.3 1.1 0.4 0.9 1.6 0 -27.1 -48.3
25  Import/I 26 27 28 29 30 31 32 33 34 35 Import/I 36 37 38 39	220 KV  Export of HVDC 765 KV 400 KV 400 KV 220 KV  132KV  HVDC Export of HVDC LINK	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-CHIKODI	D/C  D/C  D/C  S/C  S/C  S/C  S/C  S/C	0 1.679 0 2 0 1 0 1 2 0	-97 ER-NER  -300 -1630 -59 -257 -7 -9 0 0 WR-NR 1900 -1000 0 -866 0	0 0 1.679 0 1.6 0.0 1.1 0.4 0.9 1.6 0 5.6 0	-1.2 -6.0  -2.190 -30.8102 0 -1 0 0 0 0 -1.3 -48.3	-1.2 -6.0  -0.5 -30.8 1.6 -1.3 1.1 0.4 0.9 1.6 0 -27.1 -48.3
25  Import/I 26 27 28 29 30 31 32 33 34 35 Import/I 36 37 38	220 KV  Export of HVDC 765 KV 400 KV 400 KV  220 KV  132KV  HVDC Export of HVDC LINK 765 KV	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-CHIKODI	D/C  D/C  D/C  S/C  S/C  S/C  S/C  S/C	0 1.679 0 2 0 1 0 1 2 0	-97 ER-NER  -300 -1630 -59 -257 -7 -9 0 0 WR-NR 1900 -1000 0 -86	0 0 1.679 0 1.6 0.0 1.1 0.4 0.9 1.6 0 5.6 0	-1.2 -6.0  -2.190 -30.8102 0 -1 0 0 0 0 -1.3 -48.3	-1.2 -6.0  -0.5 -30.8 1.6 -1.3 1.1 0.4 0.9 1.6 0 -27.1 -48.3  -24 0 0.0 0
25  Import/I 26 27 28 29 30 31 32 33 34 35 Import/I 36 37 38 39 40	220 KV  Export of HVDC 765 KV 400 KV 400 KV  220 KV  132KV  HVDC Export of HVDC LINK 765 KV	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-CHIKODI PONDA-AMBEWADI	D/C  D/C  D/C  S/C  S/C  S/C  S/C  S/C	0 1.679 0 2 0 1 0 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0	-97 ER-NER  -300 -1630 -59 -257 -7 -9 0 0 WR-NR 1900 -1000 0 -866 0 0	0 0 1.679 0 1.6 0.0 1.1 0.4 0.9 1.6 0 5.6 0	-1.2 -6.0  -2.190 -30.8102 0 -1 0 0 0 0 -1.3 -48.3  -23.6 0 -0.7 0 0	-1.2 -6.0  -0.5 -30.8  1.6 -1.3  1.1  0.4  0.9  1.6  0  -27.1 -48.3  -24  0  0.0  0
25  Import/I 26 27 28 29 30 31 32 33 34 35 Import/I 36 37 38 39 40 41	220 KV  Export of HVDC 765 KV 400 KV 400 KV  220 KV  132KV  HVDC Export of HVDC LINK 765 KV	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA-BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	D/C  D/C  D/C  S/C  S/C  S/C  S/C  S/C	0 1.679 0 2 0 1 0 1 2 0 0 0 0 403 0 0 0	-97 ER-NER  -300 -1630 -59 -257 -7 -9 0 0 WR-NR 1900 -1000 0 -86 0 0 WR-SR	0 0 1.679 0 1.6 0.0 1.1 0.4 0.9 1.6 0 5.6 0	-1.2 -6.0  -2.190 -30.8102 0 -1 0 0 0 0 -1.3 -48.3  -23.6 0 -0.7 0 0 0	-1.2 -6.0  -0.5 -30.8 1.6 -1.3 1.1 0.4 0.9 1.6 0 -27.1 -48.3  -24 0 0.0 0 0 2.0
25  Import/I 26 27 28 29 30 31 32 33 34 35 Import/I 36 37 38 39 40	220 KV  Export of HVDC 765 KV 400 KV 400 KV  220 KV  132KV  HVDC Export of HVDC LINK 765 KV	BINAGURI-BONGAIGAON BIRPARA-SALAKATI  WR (With NR) VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA-BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	D/C  D/C  D/C  S/C  S/C  S/C  S/C  S/C	0 1.679 0 2 0 1 0 1 2 0 0 0 0 403 0 0 0	-97 ER-NER  -300 -1630 -59 -257 -7 -9 0 0 WR-NR 1900 -1000 0 -86 0 0 WR-SR	0 0 1.679 0 1.6 0.0 1.1 0.4 0.9 1.6 0 5.6 0	-1.2 -6.0  -2.190 -30.8102 0 -1 0 0 0 0 -1.3 -48.3  -23.6 0 -0.7 0 0 0	-1.2 -6.0  -0.5 -30.8 1.6 -1.3 1.1 0.4 0.9 1.6 0 -27.1 -48.3  -24 0 0.0 0 0 2.0