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

Report for previous day Date of Reporting 6-Aug-14

## A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42934	35019	32723	13501	1904	126081
Peak Shortage (MW)	2678	531	1280	580	301	5370
Energy Met (MU)	953	769	758	315	39	2834
Hydro Gen(MU)	326	34	105	74	18	558
Wind Gen(MU)	11	62	126			199

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	0.87	3.37	17.20	21.45	59.05	19.50
SR GRID	0.00	0.87	3.37	17.20	21.45	59.05	19.50

Power Supply Posit	tion in States						
		Max. Demand Met	Shortage during	Energy	Drawal	OD(+)/	Max
RegionRegion	States	during the day (MW)	maximum Demand (MW)	Met (MU)	Schedule (MU)	UD(-) (MU)	OD (MW)
	Punjab	8735	0	197.5	115.5	0.3	134
	Haryana Rajasthan Delhi	7990	0	164.9	98.5	-0.8	275
		6961	194	155.3	32.8	1.6	359
		4936	0	95.6	78.5	-1.1	140
NR	UP	11512	2450	253.2	125.9	2.6	654
	Uttarakhand	1731	75	34.8	17.0	-0.4	182
	HP	1177	0	19.4	0.3	-0.6	51
	J&K	1603	100	26.0	15.0	0.6	438
	Chandigarh	287	0	5.8	5.7	0.1	28
	Chhattisgarh	2374	130	53.5	8.2	0.2	148
	Gujarat	9959	0	222.7	26.1	1.8	638
	MP	5653	0	116.2	68.7	-2.6	490
	Maharashtra	15391	51	337.1	71.1	-0.4	300
WR	Goa	267	0	7.8	6.3	1.1	25
	DD	654	0	6.1	5.5	0.5	50
	DNH	376	0	15.2	15.0	0,2	38
	Essar steel	507	0	10.9	10.9	0.0	11
	Andhra Pradesh	6329	0	144.4	39.9	4.0	263
	Telangana	6095	500	128.0	68.0	-1.6	535
SR	Karnataka	7738	350	154.0	12.0	0.4	403
SK	Kerala	2917	427	53.2	27.7	1.8	316
	Tamil Nadu	12628	111	271.1	68.1	-1.4	469
	Pondy	308	31	6.8	6.6	0.2	38
	Bihar	2429	250	45.2	44.6	-1.9	200
	DVC	2402	0	56.5	-11.4	0.1	180
	Jharkhand	894	0	16.0	11.0	-1.5	50
ER	Odisha	3089	0	61.4	20.1	1.0	190
	West Bengal	6746	0	134.5	49.7	-3.4	45
	Sikkim	78	0	1.2	1.2	0.0	25
	Arunachal Pradesh	113	2	1.9	2.2	-0.3	20
	Assam	1101	228	25.6	17.3	2.5	150
	Manipur	129	1	1.7	2.4	-0.7	39
NER	Meghalaya	220	5	4.3	2.0	-0.2	40
	Mizoram	76	1	1.2	1.3	-0.3	15
	Nagaland	110	5	1.7	1.8	-0.4	17
	Tripura	180	41	2.6	1.9	-0.9	54

 $\underline{ \text{ D. Transnational Exchanges } (MU) \text{ - Import}(+ve) / \text{Export}(-ve) }$ 

	Bhutan	Nepal	Bangladesh
Actual(MU)	32.2	-2.5	-9.1
Max MW		-135.0	-408.0

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

	NR	WR	SR	ER	NER
Schedule(MU)	89.8	-111.5	57.0	-37.3	2.1
Actual(MU)	92.2	-102.2	61.4	-49.7	0.9
O/D/U/D(MU)	2.4	9.3	4.4	-12.4	-1.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3687	10544	2680	3420	160	20491
State Sector	5015	13127	3650	5679	110	27581
Total	8702	23671	6330	9099	270	48072

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

15   765 KV   16   17   18   400 KV   19   20   21   220 KV   22   220 KV   23   LINK   24   400 KV   25   220 KV   26   400 KV   27   220 KV   28   HVDC   29   765 KV   30   400 KV   31   400 KV	ER (With NR)  GAYA-FATEHPUR  SASARAM-FATEHPUR  PUSAULI B/B  PUSAULI-SARNATH  PUSAULI-ALLAHABAD  MUZAFFARPUR-GORAKHPUR  PATNA-BALIA  BIHARSHARIFF-BALIA  PUSAULI-SAHUPURI  SONE NAGAR-RIHAND  GARWAH-RIHAND  KARMANASA-SAHUPURI  KARMANASA-CHANDAULI  FER (With WR)  JHARSUGUDA-DHARAMJAIGARH  ROURKELA - RAIGARH ( SEL LILO BYPASS)  JHARSUGUDA-RAIGARH  STERLITE-RAIGARH  RANCHI-SIPAT	S/C   D/C   S/C   D/C   S/C   S/C	Max   Import (MW)   81   0   0   0   0   0   0   116   0   0   0   0   0   0   0   0   0	Max Export (MW)  -90 0 0 -283 -165 -567 -268 -299 0 -189 0 0 ER-NR	Import=( Import (MU)  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	+ve) /Export (MU)  -0.6 -1.0 -9.8 0.0 0.0 -9.9 -8.4 -4.5 0.0 -3.3 0.0 0.0 0.0 -37.3	=(-ve)  NET (MU)  -0.6 -1.0 -9.8 0.0 0.0 -9.9 -8.4 -4.5 1.9 -3.3 0.0 0.6 0.0 0.0 -34.9
Level	ER (With NR)  GAYA-FATEHPUR  SASARAM-FATEHPUR  PUSAULI B/B  PUSAULI-SARNATH  PUSAULI-ALLAHABAD  MUZAFFARPUR-GORAKHPUR  PATNA-BALIA  BIHARSHARIFF-BALIA  PUSAULI-SAHUPURI  SONE NAGAR-RIHAND  GARWAH-RIHAND  KARMANASA-SAHUPURI  KARMANASA-CHANDAULI  FER (With WR)  JHARSUGUDA-DHARAMJAIGARH  ROURKELA - RAIGARH ( SEL LILO BYPASS)  JHARSUGUDA-RAIGARH  STERLITE-RAIGARH  RANCHI-SIPAT	S/C   D/C   S/C   D/C   D/C   S/C   D/C   S/C   D/C   S/C   D/C   S/C   D/C   S/C   D/C   S/C   D/C   D/C	Import (MW)	-90 0 -283 -165 -567 -268 -299 0 -189 0 0 ER-NR	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(MU)  -0.6 -1.0 -9.8 0.0 0.0 -9.9 -8.4 -4.5 0.0 -3.3 0.0 0.0 0.0 0.0	(MU)  -0.6 -1.0 -9.8 0.0 0.0 -9.9 -8.4 -4.5 1.9 -3.3 0.0 0.6 0.0 0.0
Import/Export of	GAYA-FATEHPUR  SASARAM-FATEHPUR  PUSAULI B/B  PUSAULI-SARNATH  PUSAULI-ALLAHABAD  MUZAFFARPUR-GORAKHPUR  PATNA-BALIA  BIHARSHARIFF-BALIA  PUSAULI-SAHUPURI  SONE NAGAR-RIHAND  GARWAH-RIHAND  KARMANASA-SAHUPURI  KARMANASA-CHANDAULI  FER (With WR)  JHARSUGUDA-DHARAMJAIGARH  ROURKELA - RAIGARH ( SEL LILO BYPASS)  JHARSUGUDA-RAIGARH  STERLITE-RAIGARH  RANCHI-SIPAT	D/C   S/C   S/C   D/C   D/C   S/C   D/C   S/C   D/C   D/C   S/C   D/C   S/C   D/C   D/C   D/C   D/C   D/C   S/C   D/C   D/C	81 0 0 0 0 0 0 0 0 116 0 26 1 0	-90 0 0 -283 -165 -567 -268 -299 0 -189 0 0 ER-NR	0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0 0.0 0.0 2.4	-0.6 -1.0 -9.8 0.0 0.0 -9.9 -8.4 -4.5 0.0 -3.3 0.0 0.0 0.0	-0.6 -1.0 -9.8 0.0 0.0 -9.9 -8.4 -4.5 1.9 -3.3 0.0 0.6 0.0
765KV   3	SASARAM-FATEHPUR  PUSAULI B/B  PUSAULI-SARNATH  PUSAULI-ALLAHABAD  MUZAFFARPUR-GORAKHPUR  PATNA-BALIA  BIHARSHARIFF-BALIA  PUSAULI-BALIA  PUSAULI-SAHUPURI  SONE NAGAR-RIHAND  GARWAH-RIHAND  KARMANASA-SAHUPURI  KARMANASA-CHANDAULI  FER (With WR)  JHARSUGUDA-DHARAMJAIGARH  ROURKELA - RAIGARH ( SEL LILO  BYPASS)  JHARSUGUDA-RAIGARH  STERLITE-RAIGARH  RANCHI-SIPAT	D/C   S/C   S/C   D/C   D/C   S/C   D/C   S/C   D/C   D/C   S/C   D/C   S/C   D/C   D/C   D/C   D/C   D/C   S/C   D/C   D/C	0 0 0 0 0 0 0 0 116 0 0 26 1 0	0 -283 -165 -567 -268 -299 0 -189 0 0 ER-NR	0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0 0.0 0.0 2.4	-1.0 -9.8 0.0 0.0 -9.9 -8.4 -4.5 0.0 -3.3 0.0 0.0 0.0	-1.0 -9.8 0.0 0.0 -9.9 -8.4 -4.5 1.9 -3.3 0.0 0.6 0.0
2 3 HVDC LINK  4 5 6 7 8 9 10 220 KV  11 12 13 14  Import/Export of 15 16 765 KV  17 18 400 KV 19 20 21 22 20 KV  Import/Export of 23 HVDC 23 HVDC 23 LINK 24 400 KV 25 220 KV  Import/Export of 26 400 KV 27 220 KV  Import/Export of 28 HVDC 29 765 KV 30 400 KV 31 400 KV 32 400 KV 33 4400 KV 34 400 KV 35 36	PUSAULI B/B PUSAULI-SARNATH PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA PUSAULI-BALIA PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI  FER (With WR) JHARSUGUDA-DHARAMJAIGARH RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH ( SEL LILO BYPASS) JHARSUGUDA-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT	S/C S/C D/C D/C D/C S/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 0 0 0 116 0 26 1 0	0 -283 -165 -567 -268 -299 0 -189 0 0 ER-NR	0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0 0.0 0.0 2.4	-9.8  0.0  0.0  -9.9  -8.4  -4.5  0.0  -3.3  0.0  0.0  0.0  0.0	-9.8 0.0 0.0 -9.9 -8.4 -4.5 1.9 -3.3 0.0 0.6 0.0
S	PUSAULI-SARNATH PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA PUSAULI-BALIA  PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI  FER (With WR) JHARSUGUDA-DHARAMJAIGARH RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH ( SEL LILO BYPASS) JHARSUGUDA-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT	S/C   D/C   D/C   S/C   D/C   S/C   D/C   S/C   D/C   D/C	0 0 0 0 0 116 0 0 26 1 0	-283 -165 -567 -268 -299 0 -189 0 0 ER-NR	0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 -9.9 -8.4 -4.5 0.0 -3.3 0.0 0.0 0.0	0.0 0.0 -9.9 -8.4 -4.5 1.9 -3.3 0.0 0.6 0.0
A   A   A   A   A   A   A   A   A   A	PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA PUSAULI-BALIA 'PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI 'ER (With WR) JHARSUGUDA-DHARAMJAIGARH RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH ( SEL LILO BYPASS) JHARSUGUDA-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT	D/C   D/C   D/C   S/C   D/C   S/C   D/C   S/C   D/C   D/C	0 0 0 0 116 0 0 26 1 0	-165 -567 -268 -299 0 -189 0 0 0 ER-NR	0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.6 0.0 0.0 2.4	0.0 -9.9 -8.4 -4.5 0.0 -3.3 0.0 0.0 0.0	0.0 -9.9 -8.4 -4.5 1.9 -3.3 0.0 0.6 0.0
5 6 7 8 9 10 220 KV 11 12 132 KV 13 14 132 KV 15 765 KV 17 18 400 KV 19 20 21 220 KV 22 220 KV 22 220 KV 24 400 KV 25 220 KV 26 400 KV 27 220 KV 28 HVDC 29 765 KV 30 400 KV 31 400 KV 32 400 KV 33 400 KV 33 34 34 35 36	PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA PUSAULI-BALIA 'PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI 'ER (With WR) JHARSUGUDA-DHARAMJAIGARH RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH ( SEL LILO BYPASS) JHARSUGUDA-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT	D/C   D/C   D/C   S/C   D/C   S/C   D/C   S/C   D/C   D/C	0 0 0 0 116 0 0 26 1 0	-165 -567 -268 -299 0 -189 0 0 0 ER-NR	0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.6 0.0 0.0 2.4	0.0 -9.9 -8.4 -4.5 0.0 -3.3 0.0 0.0 0.0	0.0 -9.9 -8.4 -4.5 1.9 -3.3 0.0 0.6 0.0
6   7   8   9   10   220 KV   11   12   132 KV   14   14   15   16   16   17   18   400 KV   19   20   21   220 KV   22   220 KV   22   220 KV   24   400 KV   25   220 KV   27   220 KV   28   HVDC   29   765 KV   30   400 KV   32   400 KV   33   34   35   36   36   36   30   400 KV   33   34   35   36   36   36   30   30   30   30   30	MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA PUSAULI-BALIA  PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI  FER (With WR) JHARSUGUDA-DHARAMJAIGARH RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH ( SEL LILO BYPASS) JHARSUGUDA-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT	D/C     D/C     D/C     S/C     S/C     S/C     S/C     S/C     S/C     S/C     D/C     D/C     D/C     D/C     D/C	0 0 0 116 0 0 26 1 0	-567 -268 -299 0 -189 0 0 0 ER-NR	0.0 0.0 0.0 1.9 0.0 0.0 0.6 0.0 0.0 2.4	-9.9 -8.4 -4.5 0.0 -3.3 0.0 0.0 0.0 0.0	-9.9 -8.4 -4.5 1.9 -3.3 0.0 0.6 0.0
7 8 9 10 220 KV 11 12 13 132 KV 13 14  Import/Export of 15 765 KV 16 17 18 400 KV 19 20 21 22 220 KV  Import/Export of 23 HVDC 23 LINK 24 400 KV 25 220 KV 27 220 KV  Import/Export of 28 HVDC 29 765 KV 30 400 KV 31 400 KV 32 400 KV 33 4400 KV 33 34 35 36	PATNA-BALIA BIHARSHARIFF-BALIA PUSAULI-BALIA  PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI  FER (With WR) JHARSUGUDA-DHARAMJAIGARH RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH ( SEL LILO BYPASS) JHARSUGUDA-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT	S/C   D/C   S/C   S/C   S/C   S/C   S/C   S/C   S/C   S/C   S/C   D/C   S/C   D/C   D/C	0 116 0 0 26 1 0	-299 0 -189 0 0 0 0 0 ER-NR	0.0 1.9 0.0 0.0 0.6 0.0 0.0 0.0 2.4	-4.5 0.0 -3.3 0.0 0.0 0.0 0.0	-4.5 1.9 -3.3 0.0 0.6 0.0 0.0
9 10 220 KV 11 12 13 14 132 KV 133 14 132 KV 14 130 KV 15 16 17 18 400 KV 19 20 21 22 220 KV 22 220 KV 24 400 KV 25 220 KV 27 220 KV 28 HVDC 29 765 KV 30 400 KV 31 400 KV 32 400 KV 33 400 KV	PUSAULI-BALIA  PUSAULI-SAHUPURI  SONE NAGAR-RIHAND  KARMANASA-SAHUPURI  KARMANASA-CHANDAULI  FER (With WR)  JHARSUGUDA-DHARAMJAIGARH  RANCHI-DHARAMJAIGARH  ROURKELA - RAIGARH ( SEL LILO  BYPASS)  JHARSUGUDA-RAIGARH  STERLITE-RAIGARH  RANCHI-SIPAT	D/C   S/C   S/C   S/C   S/C   S/C   S/C   S/C   S/C   D/C   S/C   D/C   S/C   D/C   D/C   D/C   D/C   D/C   D/C   D/C   D/C   S/C   D/C   D/C	116 0 0 26 1 0	0 -189 0 0 0 0 0 ER-NR	1.9 0.0 0.0 0.6 0.0 0.0 2.4	0.0 -3.3 0.0 0.0 0.0 0.0	1.9 -3.3 0.0 0.6 0.0 0.0
10   220 KV   11   12   132 KV   13   14   132 KV   14   15   16   16   16   17   18   400 KV   19   20   21   22   220 KV   22   220 KV   23   LINK   24   400 KV   25   220 KV   27   220 KV   28   HVDC   29   765 KV   30   400 KV   32   400 KV   33   34   35   36   36   36   30   KV   35   36   36   30   400 KV   33   34   35   36   36   30   30   36   36   30   30	PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI  FER (With WR)  JHARSUGUDA-DHARAMJAIGARH RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH ( SEL LILO BYPASS) JHARSUGUDA-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT	S/C   S/C   S/C   S/C   S/C   S/C   S/C   S/C   D/C   S/C   D/C   D/C	0 0 26 1 0	-189 0 0 0 0 0 ER-NR	0.0 0.0 0.6 0.0 0.0 2.4	-3.3 0.0 0.0 0.0 0.0 0.0	-3.3 0.0 0.6 0.0 0.0
11	SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI FER (With WR) JHARSUGUDA-DHARAMJAIGARH RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH ( SEL LILO BYPASS) JHARSUGUDA-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT	S/C   S/C   S/C   S/C   S/C   S/C   S/C   D/C   S/C   D/C   S/C   D/C   D/C	0 26 1 0	0 0 0 0 ER-NR	0.0 0.6 0.0 0.0 2.4	0.0 0.0 0.0 0.0	0.0 0.6 0.0 0.0
12   132 KV   133   14   14   14   15   16   16   16   17   18   400 KV   19   20   21   220 KV   22   220 KV   23   LINK   24   400 KV   25   220 KV   27   220 KV   27   220 KV   28   HVDC   29   765 KV   30   400 KV   32   400 KV   33   34   35   36   36   400 KV   35   36   36   30   400 KV   33   34   35   36   36   36   30   400 KV   33   34   35   36   36   36   36   36   36   36	GARWAH-RIHAND  KARMANASA-SAHUPURI  KARMANASA-CHANDAULI  FER (With WR)  JHARSUGUDA-DHARAMJAIGARH  RANCHI-DHARAMJAIGARH  ROURKELA - RAIGARH ( SEL LILO  BYPASS)  JHARSUGUDA-RAIGARH  STERLITE-RAIGARH  RANCHI-SIPAT	S/C   S/C   S/C   S/C   S/C   D/C   S/C   D/C   D/C	26 1 0	0 0 0 ER-NR	0.6 0.0 0.0 2.4	0.0 0.0 0.0	0.6 0.0 0.0
13	KARMANASA-SAHUPURI KARMANASA-CHANDAULI  FER (With WR)  JHARSUGUDA-DHARAMJAIGARH RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH ( SEL LILO BYPASS) JHARSUGUDA-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT	S/C   S/C   S/C   D/C   S/C   D/C   D/C	0 0 0	0 0 <b>ER-NR</b>	0.0 0.0 2.4	0.0	0.0
Timport/Export of   15	KARMANASA-CHANDAULI  FER (With WR)  JHARSUGUDA-DHARAMJAIGARH RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH ( SEL LILO BYPASS)  JHARSUGUDA-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT	S/C  S/C  D/C  S/C  D/C  D/C	0 0 0	0 ER-NR	0.0	0.0	0.0
Temport/Export of   15	FER (With WR)  JHARSUGUDA-DHARAMJAIGARH RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH ( SEL LILO BYPASS) JHARSUGUDA-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT	S/C D/C S/C D/C D/C	0 0	<b>ER-NR</b> 0	2.4		
15 765 KV 16 16 765 KV 17 18 400 KV 19 20 21 220 KV 21 22 10 KV 23 HVDC 23 HVDC 24 400 KV 25 220 KV 27 220 KV 28 HVDC 29 765 KV 30 400 KV 31 400 KV 32 400 KV 33 400 KV 33 34 35 36	JHARSUGUDA-DHARAMJAIGARH RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH ( SEL LILO BYPASS) JHARSUGUDA-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT	D/C S/C D/C D/C	0	0		-37.3	- 44 0
15 765 KV 16 17 18 400 KV 19 20 21 220 KV 21 22 220 KV 22 220 KV 23 HVDC 23 HVDC 24 400 KV 25 220 KV 27 220 KV 27 220 KV 28 HVDC 29 765 KV 30 400 KV 31 400 KV 32 400 KV 33 400 KV 33 34 35 36	JHARSUGUDA-DHARAMJAIGARH RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH ( SEL LILO BYPASS) JHARSUGUDA-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT	D/C S/C D/C D/C	0		3.0		-37.7
16 765 KV 17 18 400 KV 19 20 21 220 KV 21 22 10 KV 23 HVDC 23 LINK 24 400 KV 25 220 KV 27 220 KV 28 HVDC 29 765 KV 30 400 KV 31 400 KV 32 400 KV 33 34 35 36	RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH ( SEL LILO BYPASS) JHARSUGUDA-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT	D/C S/C D/C D/C	0			0.0	3.0
17 18 19 20 21 22 220 KV  21 22 220 KV  23 HVDC 23 LINK 24 400 KV 25 220 KV  26 400 KV 27 220 KV  28 HVDC 29 765 KV 30 400 KV 31 400 KV 32 400 KV 33 400 KV 33 34 35 36	ROURKELA - RAIGARH ( SEL LILO BYPASS) JHARSUGUDA-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT	S/C D/C D/C	0		4.0	0.0	4.0
19   20     21   220 KV     22   220 KV     23   HVDC   23   LINK   24   400 KV   25   220 KV     26   400 KV   27   220 KV     28   HVDC   29   765 KV   30   400 KV   31   400 KV   32   400 KV   33   34   35   36     36     36       36	JHARSUGUDA-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT	D/C	429	0	3.0	0.0	3.0
20   21   220 KV	RANCHI-SIPAT		127	0	4.0	0.0	4.0
21   220 KV		D/C	0	0	0.0	-2.0	-2.0
220 KV	DUDUIDADAD DAICADU	D/C	243	0	3.1	0.0	3.1
Material   Material	BUDHIPADAR-RAIGARH	S/C	56	-14	0.3	-0.2	0.1
23 HVDC 23 LINK 24 400 KV 25 220 KV  Import/Export of 26 400 KV 27 220 KV  Import/Export of 28 HVDC 29 765 KV 30 400 KV 31 400 KV 32 400 KV 33 34 35 36	BUDHIPADAR-KORBA	D/C	110	0	1.5	0.0	1.5
23 HVDC 23 LINK 24 400 KV 25 220 KV  Import/Export of 26 400 KV 27 220 KV  Import/Export of 28 HVDC 29 765 KV 30 400 KV 31 400 KV 32 400 KV 33 34 35 36				ER-WR	18.9	-2.1	16.8
23 LINK 24 400 KV 25 220 KV  Import/Export of 26 400 KV 27 220 KV  Import/Export of 28 HVDC 29 765 KV 30 400 KV 31 400 KV 32 400 KV 33 34 35 36	, · · · · · · · · · · · · · · · · · · ·			1		1	
24 400 KV 25 220 KV  Import/Export of 26 400 KV 27 220 KV  Import/Export of 28 HVDC 29 765 KV 30 400 KV 31 400 KV 32 400 KV 33 34 35 36	JEYPORE-GAZUWAKA B/B	D/C	0	-749	0.0	-16.4	-16.4
25	TALCHER-KOLAR BIPOLE	D/C	0	-2173	0.0	-47.3	-47.3
Import/Export of   26		S/C	0	-835 0	0.0	-14.3 0.0	-14.3 1.5
26 400 KV 27 220 KV  Import/Export of 28 HVDC 29 765 KV 30 400 KV 31 400 KV 32 400 KV 33 34 35 36	BALINELA-UI I ER-SILERKU	5/C	0	ER-SR	1.5	-30.7	-29.2
26 400 KV 27 220 KV  Import/Export of 28 HVDC 29 765 KV 30 400 KV 31 400 KV 32 400 KV 33 34 35 36	f ER (With NER)			LK SK	1.5	-50.7	-27.2
27 220 KV  Import/Export of 28 HVDC 29 765 KV 30 400 KV 31 400 KV 32 400 KV 33 34 35 36	BINAGURI-BONGAIGAON	D/C	224	-129	1.0	0.0	1.0
Import/Export of   28	BIRPARA-SALAKATI	D/C	10	-98	0.0	-1.2	-1.2
28 HVDC 29 765 KV 30 400 KV 31 400 KV 32 400 KV 33 34 220 KV			ı	ER-NER	1.0	-1.2	-0.2
29 765 KV 30 400 KV 31 400 KV 32 400 KV 33 34 220 KV	WR (With NR)						
30 400 KV 31 400 KV 32 400 KV 33 34 220 KV	V'CHAL B/B	D/C	500	0	10.1	0.0	10.1
31 400 KV 32 400 KV 33 34 35 220 KV	GWALIOR-AGRA	D/C	0	-1732	0.0	-25.5	-25.5
32 400 KV 33 34 35 36 220 KV	ZERDA-KANKROLI	S/C	395	-59	6.5	0.0	6.5
33 34 35 36 220 KV	ZERDA -BHINMAL	S/C	410	0	5.7	0.0	5.7
34 35 36 220 KV	V'CHAL -RIHAND	S/C	0	-185	0.0	-2.7	-2.7
35 36 220 KV	BADOD-KOTA	S/C	133	0	2.1	0.0	2.1
36	BADOD-MORAK	S/C	136	0	2.0	0.0	2.0
	MEHGAON-AURAIYA	S/C S/C	69	0	0.9	0.0	0.9
31 134KV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	S/C S/C	46	-10 0	0.4	0.0	0.4
	G ITALION-SAWAI WADRUFUK	5/C		WR-NR	27.7	-28.2	-0.5
38 HVDC	APL -MHG	D/C	0	-2000	0.0	-48.4	-48.4
Import/Export of		2,0			0.0	.5.1	.0.1
39 <b>HVDC</b>	WK (WITH SK)	-	0	-1000	0.0	-23.9	-23.9
40 LINK	WR (With SR) BHADRAWATI B/B	-	0	0	0.0	0.0	0.0
41 <b>765 KV</b>	1 '	D/C	529	-996	0.0	-6.9	-6.9
42	BHADRAWATI B/B BARSUR-L.SILERU	D/C	0	-97	0.0	-1.8	-1.8
43 <b>220 KV</b>	BHADRAWATI B/B BARSUR-L.SILERU	S/C	0	0	0.0	0.0	0.0
44	BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-CHIKODI		82	0	1.7	0.0	1.7
	BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-CHIKODI	S/C		WR-SR	1.7	-32.6	-30.9
	BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-CHIKODI PONDA-AMBEWADI	S/C		NGE			
<b>2</b> 45	BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	S/C ATIONAL	EXCHA				32
<b>2</b> 46 <b>2</b> 47	BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	· ·	ЕХСНА	_			