

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: 14th Mar, 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 13.03.2016.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स. - 5.5.1 के प्रावधान के अन्सार, दिनांक 13th मार्च 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 13th March 2016, is available at the NLDC website. http://posoco.in/attachments/article/94/14.03.16 NLDC PSP.pdf

Thanking You.

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

Report for previous day Date of Reporting 14-Mar-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	31310	37574	33830	16761	2220	121695
Peak Shortage (MW)	1681	118	600	150	88	2637
Energy Met (MU)	693	935	857	369	39	2892
Hydro Gen(MU)	132	18	42	27	5	223
Wind Gen(MU)	5	34	17			56

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	0.00	1.54	1.54	66.35	32.11
SR GRID	0.00	0.00	0.00	1.54	1.54	66.35	32.11

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)	` '	` ′	OD(-) (MO)	,
	Punjab	3535	0	70.5	50.3	-1.5	235
	Haryana	5207	0	87.4	67.9	0.9	311
	Rajasthan	8881	0	186.3	59.6	1.8	315
	Delhi	2972	0	55.4	45.0	0.0	165
NR	UP	9886	1930	202.3	85.4	4.4	588
	Uttarakhand	1510	0	26.8	19.8	-2.3	200
	HP	1137	0	20.8	16.0	-2.6	16
	J&K	2069	517	40.3	32.6	-2.4	146
	Chandigarh	165	0	3.0	3.3	0.3	0
	Chhattisgarh	3394	96	73.4	22.0	-2.4	281
	Gujarat	12647	0	282.3	66.4	0.5	486
	MP	6772	0	146.7	93.4	-1.3	301
WR	Maharashtra	18169	4	390.9	117.0	-4.7	425
WK	Goa	411	0	8.5	7.8	0.1	104
	DD	287	0	6.5	6.3	0.2	41
	DNH	728	0	15.2	16.4	-1.2	67
	Essar steel	545	0	11.1	10.9	0.2	136
	Andhra Pradesh	6841	0	153.7	23.2	3.0	597
	Telangana	6285	0	140.6	76.2	0.8	425
SR	Karnataka	8584	250	192.6	59.3	1.7	453
JN.	Kerala	3521	0	66.4	51.0	1.8	240
	Tamil Nadu	13076	0	296.8	152.2	0.9	449
	Pondy	293	0	6.5	6.8	-0.3	32
	Bihar	2866	150	57.0	54.8	-0.1	250
	DVC	2520	0	58.2	-24.0	0.4	200
ER	Jharkhand	929	0	18.7	9.1	1.2	160
LN	Odisha	3803	0	85.7	24.8	1.6	280
	West Bengal	6769	0	148.5	41.4	1.8	300
	Sikkim	92	0	0.9	1.6	-0.6	20
	Arunachal Pradesh	107	1	2.0	1.6	0.4	36
	Assam	1316	36	22.9	14.6	3.5	187
	Manipur	145	1	2.4	2.0	0.4	27
NER	Meghalaya	289	0	4.8	4.1	-0.2	99
	Mizoram	80	1	1.3	1.0	0.3	29
	Nagaland	102	1	2.0	1.5	0.5	59
	Tripura	228	1	3.5	0.8	0.8	78

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	0.4	-6.2	-11.1
Max MW	110.5	-306.2	-467.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	127.7	-170.7	77.4	-41.8	5.3	-2.1
Actual(MU)	135.1	-186.9	78.3	-30.6	5.1	1.0
O/D/U/D(MU)	7.4	-16.2	0.9	11.2	-0.2	3.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4270	10909	1000	3510	285	19974
State Sector	13483	14113	4257	4499	110	36462
Total	17753	25022	5257	8009	395	56436

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

mport/Exp 1	765KV HVDC LINK 400 KV 220 KV 132 KV port of J 765 KV	Line Details ER (With NR) GAYA-VARANASI SASARAM-FATEHPUR GAYA-BALIA PUSAULI B/B PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BARH-GORAKHPUR PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	S/C S/C S/C S/C D/C D/C S/C S/C S/C D/C D/C D/C S/C S/C	Max Import (MW) 0 0 0 27 365 209 148 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Max Export (MW) 0 117 199 365 209 148 0 589 0 0 0 0 ER-NR	0.0 3.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Export (MU) 0.0 0.0 2.5 8.7 0.0 0.0 10.5 0.0 10.5 0.0 0.0 0.0 32.2	Import=(+ve) /Export =(-ve) for NET (MU) NET (MU) 0.0 3.0 -2.5 -8.7 0.0 0.0 9.8 -10.5 5.5 -10.5 0.0 0.0 0.0 -13.8
mport/Exp 1	Level port of 1 765KV HVDC LINK 400 KV 220 KV 132 KV port of 1 765 KV	ER (With NR) GAYA-VARANASI SASARAM-FATEHPUR GAYA-BALIA PUSAULI B/B PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BARH-GORAKHPUR PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	S/C S/C S/C S/C S/C S/C S/C D/C D/C D/C D/C S/C D/C S/C S/C D/C D/C D/C D/C D/C D/C D/C S/C S/C D/C D/C	Import (MW) 0 0 27 365 209 148 0 287 0 0 0 0 0 182	Export (MW) 0 117 199 365 209 148 0 589 0 0 0 491 0 ER-NR	0.0 3.0 0.0 0.0 0.0 0.0 9.8 0.0 5.5 0.0 0.0 0.0 0.0 18.5	(MU) 0.0 0.0 2.5 8.7 0.0 0.0 10.5 0.0 10.5 0.0 0.0 32.2	(MU) 0.0 3.0 -2.5 -8.7 0.0 0.0 9.8 -10.5 5.5 -10.5 0.0 0.2 0.0 0.0 -13.8
1	765KV HVDC LINK 400 KV 220 KV 132 KV port of J 765 KV	GAYA-VARANASI SASARAM-FATEHPUR GAYA-BALIA PUSAULI B/B PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BARH-GORAKHPUR PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	S/C S/C S/C S/C S/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 27 365 209 148 0 287 0 0 0 0 0 491 0	117 199 365 209 148 0 589 0 0 0 0 491 0 ER-NR	3.0 0.0 0.0 0.0 0.0 9.8 0.0 5.5 0.0 0.0 0.0 0.0 18.5	0.0 2.5 8.7 0.0 0.0 10.5 0.0 10.5 0.0 0.0 0.0 0.0 32.2	3.0 -2.5 -8.7 0.0 0.0 9.8 -10.5 5.5 -10.5 0.0 0.0 0.2 -13.8
2 3 4 5 6 7 8 10 2 11 12 13 14 14 15 16 7 18 19 20 21	765KV HVDC LINK 400 KV 220 KV 132 KV port of 1 765 KV	SASARAM-FATEHPUR GAYA-BALIA PUSAULI B/B PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BARH-GORAKHPUR PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	S/C S/C S/C S/C S/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 27 365 209 148 0 287 0 0 0 0 0 491 0	117 199 365 209 148 0 589 0 0 0 0 491 0 ER-NR	3.0 0.0 0.0 0.0 0.0 9.8 0.0 5.5 0.0 0.0 0.0 0.0 18.5	0.0 2.5 8.7 0.0 0.0 10.5 0.0 10.5 0.0 0.0 0.0 0.0 32.2	3.0 -2.5 -8.7 0.0 0.0 9.8 -10.5 5.5 -10.5 0.0 0.0 0.2 -13.8
2 3 4 5 6 7 8 10 2 11 11 12 13 14 14 15 16 17 18 19 20 21	HVDC LINK 400 KV 220 KV 132 KV port of 1 765 KV	GAYA-BALIA PUSAULI B/B PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BARH-GORAKHPUR PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	S/C S/C S/C S/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C D/C D/C	27 365 209 148 0 287 0 0 0 0 491 0	199 365 209 148 0 589 0 0 0 491 0 ER-NR	0.0 0.0 0.0 0.0 9.8 0.0 5.5 0.0 0.0 0.0 0.2 0.0 0.0	2.5 8.7 0.0 0.0 0.0 10.5 0.0 0.0 0.0 0.0 0.0 0.0 32.2	-2.5 -8.7 0.0 0.0 9.8 -10.5 5.5 -10.5 0.0 0.0 0.2 -13.8
3 4 5 6 7 8 10 2 11 12 13 14 15 16 17 18 19 20 21	HVDC LINK 400 KV 220 KV 132 KV port of 1 765 KV	PUSAULI B/B PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BARH-GORAKHPUR PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	S/C S/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C D/C	365 209 148 0 287 0 0 0 0 491 0	365 209 148 0 589 0 0 0 491 0 ER-NR	0.0 0.0 0.0 9.8 0.0 5.5 0.0 0.0 0.2 0.0 0.0 18.5	8.7 0.0 0.0 0.0 10.5 0.0 10.5 0.0 0.0 0.0 32.2	-8.7 0.0 0.0 9.8 -10.5 5.5 -10.5 0.0 0.0 0.2 0.0 -13.8
10 2 11 12 13 14 15 16 17 18 19 20 21	220 KV 220 KV 132 KV port of 1 765 KV	PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BARH-GORAKHPUR PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	S/C D/C D/C Q/C D/C D/C S/C S/C S/C S/C S/C S/C D/C	209 148 0 287 0 0 0 0 491 0	209 148 0 589 0 0 0 491 0 0 ER-NR	0.0 0.0 9.8 0.0 5.5 0.0 0.0 0.0 0.2 0.0 0.0 18.5	0.0 0.0 0.0 10.5 0.0 10.5 0.0 0.0 0.0 0.0 32.2	0.0 0.0 9.8 -10.5 5.5 -10.5 0.0 0.0 0.2 0.0 0.0 -13.8
5 6 7 8 10 2 11 12 13 14 11 15 7 16 17 18 19 20 21	220 KV 132 KV port of I 765 KV	PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BARH-GORAKHPUR PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	D/C D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C D/C	148 0 287 0 0 0 0 491 0 0	148 0 589 0 0 0 0 491 0 0 ER-NR	0.0 9.8 0.0 5.5 0.0 0.0 0.0 0.2 0.0 0.0 18.5	0.0 0.0 10.5 0.0 10.5 0.0 0.0 0.0 0.0 0.0 0.0 32.2	0.0 9.8 -10.5 5.5 -10.5 0.0 0.0 0.2 0.0 0.0 -13.8
10 2 11 12 13 14 15 16 17 18 19 20 21	220 KV 132 KV port of 1 765 KV	MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BARH-GORAKHPUR PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	D/C Q/C D/C D/C S/C S/C S/C S/C S/C D/C D/C	0 287 0 0 0 0 491 0	0 589 0 0 0 0 491 0 ER-NR	9.8 0.0 5.5 0.0 0.0 0.0 0.2 0.0 0.0 18.5	0.0 10.5 0.0 10.5 0.0 0.0 0.0 0.0 0.0 32.2	9.8 -10.5 5.5 -10.5 0.0 0.0 0.2 0.0 0.0 -13.8
7 8 10 2 11 12 13 14 14 15 16 17 18 19 20 21	220 KV 132 KV port of 1 765 KV	BIHARSHARIFF-BALIA BARH-GORAKHPUR PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	D/C D/C S/C S/C S/C S/C S/C D/C S/C S/C S/C S/C	0 0 0 0 491 0 0	0 0 0 0 491 0 0 ER-NR	5.5 0.0 0.0 0.0 0.2 0.0 0.0 18.5	0.0 10.5 0.0 0.0 0.0 0.0 0.0 32.2	5.5 -10.5 0.0 0.0 0.2 0.0 0.0 -13.8
10 2 11 12 13 14 15 16 17 18 19 20 21	220 KV 132 KV port of 1 765 KV	BARH-GORAKHPUR PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	D/C S/C S/C S/C S/C S/C D/C S/C	0 0 0 491 0 0	0 0 0 491 0 0 ER-NR	0.0 0.0 0.0 0.2 0.0 0.0 18.5	10.5 0.0 0.0 0.0 0.0 0.0 0.0 32.2	-10.5 0.0 0.0 0.2 0.0 0.0 -13.8
11 12 13 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	220 KV 132 KV port of I 765 KV	PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	S/C S/C S/C S/C S/C S/C	0 0 491 0 0	0 0 491 0 0 ER-NR	0.0 0.0 0.2 0.0 0.0 18.5	0.0 0.0 0.0 0.0 0.0 32.2	0.0 0.0 0.2 0.0 0.0 -13.8
11 12 13 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	132 KV port of 1 765 KV	SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	S/C S/C S/C S/C S/C	0 491 0 0	0 491 0 0 ER-NR	0.0 0.2 0.0 0.0 18.5	0.0 0.0 0.0 0.0 32.2	0.0 0.2 0.0 0.0 -13.8
12 13 14 import/Exp 15 16 17 18 19 20 21	132 KV port of 1 765 KV 400 KV	GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	S/C S/C S/C S/C	491 0 0	491 0 0 ER-NR	0.2 0.0 0.0 18.5	0.0 0.0 0.0 32.2	0.2 0.0 0.0 -13.8
13 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	port of 1 765 KV	KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	S/C S/C D/C D/C	0 0	0 0 ER-NR	0.0 0.0 18.5	0.0 0.0 32.2	0.0 0.0 -13.8
15 7 16 17 18 19 20 21	port of 1 765 KV	KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	D/C D/C	182	ER-NR 739	18.5	32.2	-13.8
15 16 17 18 19 20 21	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	D/C		739			
15 16 17 18 19 20 21	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	D/C			0.0	11.2	
16 17 18 19 20 21	765 KV	NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH	D/C					-11.3
17 18 19 20 21	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH		,	107	1.1	0.0	1.1
18 19 20 21	400 KV	JHARSUGUDA-RAIGARH	3/0	0	0	1.9	0.0	1.9
19 20 21	400 KV							
20 21		IBEUL-RAIGARH	S/C S/C	0 27	0 27	3.1 2.2	0.0	3.1 2.2
		STERLITE-RAIGARH	D/C	270	270	0.0	2.5	-2.5
22		RANCHI-SIPAT	D/C	0	0	6.8	0.0	6.8
	220 KV	BUDHIPADAR-RAIGARH	S/C	0	165	0.0	2.2	-2.2
23	220 11 1	BUDHIPADAR-KORBA	D/C	0	35	1.2	0.0	1.2
	of 1	ED (With CD)			ER-WR	16.5	16.0	0.5
	•	ER (With SR) JEYPORE-GAZUWAKA B/B	D/C	398.7	476	0	16.6	-16.6
		TALCHER-KOLAR BIPOLE	D/C	1261.8	2457	0	47.5	-47.5
26 4	400 KV	TALCHER-I/C		0.0	528	0.6369	5.53	-4.9
27 2	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0	0	0.0
4/15		ED (MAL MED)			ER-SR	0.6	64.1	-64.1
		ER (With NER) BINAGURI-BONGAIGAON	Q/C	0	469	0	5	-5
		BIRPARA-SALAKATI	D/C	0	0	0	0	0
					ER-NER	0.0	5.5	-5.5
	•	NR (With NER)		1			1	
29	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0	0	-0.2
mnout/Ex	nort of I	M/D (M/:45 N/D)			NR-NER	0.0	0.2	-0.2
		WR (With NR) VCHAL B/B	D/C	250	0	4.5	0.0	4.5
		GWALIOR-AGRA	D/C	0	2892	0.0	66.4	-66.4
32 7		PHAGI-GWALIOR	D/C	0	1030	0.0	17.1	-17.1
		ZERDA-KANKROLI	S/C	0	0	0.0	0.0	0.0
		ZERDA -BHINMAL	S/C	289	0	3.3	0.0	3.3
		V'CHAL -RIHAND RAPP-SHUJALPUR	S/C D/C	0	0	0.0	0.0	0.0
37		BADOD-KOTA	S/C	60	1	0.7	0.0	0.0
38		BADOD-MORAK	S/C	29	20	0.1	0.2	-0.1
39	ļ	MEHGAON-AURAIYA	S/C	48	0	0.8	0.0	0.8
40		MALANPUR-AURAIYA	S/C	9	14	0.0	0.1	-0.1
41	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0 WR-NR	0.0	0.0	0.0 -74.3
42	HVDC	APL -MHG	D/C	0	2520	9.4 0.0	83.7 56.7	-7 4.3 -56.7
		WR (With SR)	_,0	v	2320	0.0	20.7	
		BHADRAWATI B/B	-	0	1000	0.0	22.7	-22.7
		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
		SOLAPUR-RAICHUR	D/C	0	0	0.0	37.4	-37.4
		KOLHAPUR-KUDGI	D/C	0	0	0.4	0.0	0.4
47 48 2		KOLHAPUR-CHIKODI PONDA-AMBEWADI	D/C S/C	0	265 0	0.0	5.8	-5.8 0.0
49		XELDEM-AMBEWADI	S/C	109	0	2.4	0.0	2.4
		··	,		WR-SR	2.7	65.8	-63.1
		TRANSN	ATIONA	L EXCHA	NGE			
48		BHUTAN						C
49		NEPAL BANGLADESH				<u></u>	-	-6 -11