

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: 18th Sep, 2015

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. 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., 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 17.09.2015.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 17th Sep 2015 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 17th Sep 2015, is available at the NLDC website.

http://posoco.in/attachments/article/94/10.09.15 NLDC PSP.pdf

Thanking You.

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

Report for previous day Date of Reporting 18-Sep-15

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	47632	39028	32781	16675	2158	138274
Peak Shortage (MW)	2815	182	0	220	229	3446
Energy Met (MU)	1075	898	751	365	43	3131
Hydro Gen(MU)	259	19	43	68	17	406
Wind Gen(MU)	5	44	91			140

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	0.08	3.95	23.17	27.20	62.85	9.95
SR GRID	0.00	0.08	3.95	23.17	27.20	62.85	9.95

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 Haryana Rajasthan	Punjab	8916	0	191.1	98.0	-0.7	145
	Haryana	8714	0	170.7	120.1	-0.3	159
	Rajasthan	10416	0	217.7	72.6	-1.2	133
	Delhi	5207	417	108.5	93.3	-2.0	154
NR	UP	12306	3855	284.7	141.4	1.5	502
	Uttarakhand	1847	0	38.6	16.0	1.4	161
	HP	1211	0	24.7	8.2	1.3	247
	J&K	1739	435	33.4	20.0	0.2	305
	Chandigarh	266	0	5.2	5.7	0.3	3
	Chhattisgarh	2990	0	60.7	19.2	-3.4	144
	Gujarat	14439	0	323.7	73.0	-1.0	368
	MP	7957	0	156.8	81.3	-5.7	175
WR	Maharashtra	16413	-25	324.2	71.6	-0.1	378
VVIX	Goa	301	0	6.5	7.5	-1.3	15
	DD	715	0	5.8	5.7	0.2	23
	DNH	385	0	15.6	15.5	0.1	27
	Essar steel	377	0	4.3	4.3	0.0	73
	Andhra Pradesh	5535	0	126.7	15.4	1.8	419
	Telangana	5456	0	119.2	78.5	-4.0	363
SR	Karnataka	6925	1000	148.2	22.9	0.1	507
511	Kerala	3472	0	60.4	42.9	2.2	288
	Tamil Nadu	13007	0	289.5	94.2	5.6	434
	Pondy	312	0	6.6	6.6	0.0	30
	Bihar	3259	100	68.5	66.1	2.4	300
DVC		2478	100	60.9	-21.5	-0.6	320
ER	Jharkhand	972	0	29.5	13.7	-0.6	154
Liv	Odisha	2748	0	53.9	14.3	-0.6	280
	West Bengal	7524	0	151.0	54.6	-1.0	250
	Sikkim	75	0	1.0	0.8	0.2	21
	Arunachal Pradesh	100	2	2.1	1.9	0.1	39
	Assam	1312	137	27.5	18.4	2.9	225
	Manipur	134	1	2.2	2.2	0.0	48
NER	Meghalaya	252	3	5.3	1.5	0.3	42
	Mizoram	78	1	1.2	1.3	-0.2	11
	Nagaland	108	2	1.4	1.7	-0.3	13
	Tripura	246	2	3.4	1.6	0.0	95

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	32.9	-3.5	-10.4
Max MW		-152.1	-429.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	223.5	-216.2	54.8	-59.5	-1.5	1.1
Actual(MU)	232.7	-231.0	51.9	-55.5	1.1	-0.8
O/D/U/D(MU)	9.2	-14.8	-2.9	4.0	2.6	-2.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3542	11050	3610	3495	200	21897
State Sector	7505	10151	5072	5589	110	28427
Total	11047	21201	8682	9084	310	50324

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

GAYA-FATEHP GAYA-BALIA SASARAM-FAT PUSAULI B/B PUSAULI-SARN PUSAULI-SARN PUSAULI-SALIA BIHARSHARIFI BARH-GORAKI V PUSAULI-SAHI SONE NAGAR-I KARMANASA-I KARMANASA-I KARMANASA-I V JHARSUGUDA- NEW RANCHI-I ROURKELA - R BYPASS) JHARSUGUDA- THE BULL-RAIGAR STERLITE-RAIG RANCHI-SIPAT V BUDHIPADAR- BUDHIPADAR- BUDHIPADAR- GOF ER (With SR) C JEYPORE-GAZI	TEHPUR NATH AHABAD R-GORAKHPUR F-BALIA HPUR JPURI RIHAND AND SAHUPURI CHANDAULI CHANDAULI CHANDAULI CHARAMJAIGARH S/C DHARAMJAIGARH AIGARH CHARAMJAIGARH C	S/C S/C S/C D/C D/C S/C D/C S/C D/C D/C S/C D/C D/C S/C D/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	Max Import (MW) 74 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Max Export (MW) -274 0 0 0 -299 -153 -596 -347 -443 0 -223 0 -2 -1 0 ER-NR 0 0 0 0 0 0 0 0 0 0 0	Import=(Import (MU) 0.0 0.0 1.0 0 0 0 0 0 0 0 0 0 0 0 0 0	+ve) /Export Export (MU) -3.0 -7.0 0.0 -9 0 0 -9 -12 -7 -6 -6.0 0.0 0.0 0.0 -59.0 -7.0 0.0 0.0 0.0 -5.9 -0.1 0.0 -3.0	t =(-ve) NET (MU) -3.0 -7.0 1.0 -9 0 -9 -12 -7 -6 -6.0 0.0 1.0 0.0 -57.0 -6.8 4.6 5.0 6.0 -5.9 -0.1 11.0 -3.0
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PUSAULI B/B PUSAULI-SARN PUSAULI-SARN PUSAULI - ALL MUZAFFARPUI PATNA-BALIA BIHARSHARIFI BARH-GORAKI V PUSAULI-SAHU SONE NAGAR- GARWAH-RIH/ KARMANASA-I KARMANASA-I KARMANASA-I V PUSAULI-SAHU SONE NAGAR- GARWAH-RIH/ KARMANASA-I BUJHARSUGUDA-I BUJHARSUGUDA-I BUJH-RAIGAR STERLITE-RAIG RANCHI-SIPAT V BUJHIPADAR-I BUJHI	AHABAD R-GORAKHPUR F-BALIA HPUR JPURI RIHAND AND SAHUPURI CHANDAULI CHANDAULI CHANDAULI CHANDAULI CHARAMJAIGARH S/C DHARAMJAIGARH AIGARH CHARAMJAIGARH	S/C	0 0 0 0 0 0 0 0 0 0 54 0 0 0 0 0 0 0 0 0	-299 -153 -596 -347 -443 0 -223 0 -2 -1 0 ER-NR 0 0 0 0 0	0 0 0 0 0 0 0 0.0 0.0 1.0 0.0 2.0 2.0 5.0 6.0 6.0 5.0 0.0	0 0 -9 -12 -7 -6 -6.0 0.0 0.0 0.0 -59.0 -7.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 -9 -12 -7 -6 -6.0 0.0 1.0 0.0 -57.0 -6.8 4.6 5.0 6.0 -5.9 -0.1
PUSAULI -ALLA MUZAFFARPUI PATNA-BALIA BIHARSHARIFI BARH-GORAKI V PUSAULI-SAHU SONE NAGAR-I GARWAH-RIHA KARMANASA-I KARMANASA-I V JHARSUGUDA- NEW RANCHI-I ROURKELA - R BYPASS JHARSUGUDA- IBEUL-RAIGAR STERLITE-RAIG RANCHI-SIPAT V BUDHIPADAR- BUDHIPADAR- OF ER (With SR) C JEYPORE-GAZI	AHABAD R-GORAKHPUR F-BALIA HPUR JPURI RIHAND AND SAHUPURI CHANDAULI CHANDAULI CHANDAULI CHANDAULI CHARAMJAIGARH S/C DHARAMJAIGARH AIGARH CHARAMJAIGARH	D/C D/C D/C D/C D/C S/C S/C S/C S/C S/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 0 54 0 0 0 -533 0 0 0 0 0	-153 -596 -347 -443 0 -223 0 -2 -1 0 ER-NR 0 0 0 0 0 0	0 0 0 0 0 0.0 0.0 1.0 0.0 0.0 2.0 -6.8 0.0 5.0 6.0 6.0 5.0	0 -9 -12 -7 -6 -6.0 0.0 0.0 0.0 -59.0 -7.0 0.0 0.0 0.0 0.0 -59.0	0 -9 -12 -7 -6 -6.0 0.0 1.0 0.0 0.0 -57.0 -6.8 4.6 5.0 6.0 6.0 -5.9 -0.1
MUZAFFARPUI PATNA-BALIA BIHARSHARIFI BARH-GORAKI V PUSAULI-SAHU SONE NAGAR-I GARWAH-RIHA KARMANASA-I KARMANASA-I V JHARSUGUDA- NEW RANCHI-I ROURKELA - R BYPASS) JHARSUGUDA- STERLITE-RAIG RANCHI-SIPAT V BUDHIPADAR- BUDHIPADAR- BUDHIPADAR- GOT ER (With SR) C JEYPORE-GAZI	R-GORAKHPUR F-BALIA HPUR JPURI RIHAND AND SAHUPURI CHANDAULI CHANDAULI CHANDAULI CHANDAULI CHARAMJAIGARH S/C DHARAMJAIGARH CHARAMJAIGARH	D/C Q/C D/C D/C S/C S/C S/C S/C S/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 54 0 0 0 -533 0 0 0 0 0	-596 -347 -443 0 -223 0 -2 -1 0 ER-NR 0 0 0 0 0 0	0 0 0 0 0.0 0.0 1.0 0.0 0.0 2.0 -6.8 0.0 5.0 6.0 6.0 5.0 0.0	-9 -12 -7 -6 -6.0 0.0 0.0 0.0 0.0 -59.0 -7.0 0.0 0.0 0.0 -5.9 -0.1 0.0	-9 -12 -7 -6 -6.0 0.0 1.0 0.0 0.0 -57.0 -6.8 4.6 5.0 6.0 -5.9 -0.1
PATNA-BALIA BIHARSHARIFI BARH-GORAKI V PUSAULI-SAHU SONE NAGAR-I GARWAH-RIH/ KARMANASA-I KARMANASA-I V JHARSUGUDA- NEW RANCHI-I ROURKELA - R BYPASS JHARSUGUDA- STERLITE-RAIG RANCHI-SIPAT V BUDHIPADAR- BUDHIPADAR- OF ER (With SR) C JEYPORE-GAZI	F-BALIA HPUR JPURI RIHAND AND SAHUPURI CHANDAULI CHANDAULI CHANDAULI CHARAMJAIGARH S/C DHARAMJAIGARH AIGARH CHARAMJAIGARH CHA	Q/C D/C D/C S/C S/C	0 0 0 0 0 54 0 0 0 -533 0 0 0 0 0	-347 -443 0 -223 0 -22 -1 0 ER-NR 0 0 0 0 0 0	0 0 0 0.0 0.0 1.0 0.0 0.0 2.0 -6.8 0.0 5.0 6.0 6.0 5.0 0.0	-12 -7 -6 -6.0 0.0 0.0 0.0 0.0 -59.0 -7.0 0.0 0.0 0.0 -5.9 -0.1 0.0	-12 -7 -6 -6.0 0.0 1.0 0.0 0.0 -57.0 -6.8 4.6 5.0 6.0 -5.9 -0.1
BIHARSHARIFI BARH-GORAKI V PUSAULI-SAHU SONE NAGAR-I GARWAH-RIH/ KARMANASA-I KARMANASA-I OF ER (With WR V JHARSUGUDA-I ROURKELA - R BYPASS) JHARSUGUDA-I BEUL-RAIGAR STERLITE-RAIG RANCHI-SIPAT V BUDHIPADAR-I BUDHIPADAR-I BUDHIPADAR-I GOF ER (With SR) C JEYPORE-GAZI	HPUR JPURI RIHAND AND SAHUPURI CHANDAULI CHANDAULI CHANDAULI CHARAMJAIGARH S/C DHARAMJAIGARH AIGARH CHARAMJAIGARH	D/C D/C S/C S/C S/C S/C S/C S/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 54 0 0 0 -533 0 0 0 0 0	-443 0 -223 0 -22 -1 0 ER-NR 0 301 0 0 0 0 0	0 0 0.0 0.0 1.0 0.0 0.0 2.0 -6.8 0.0 5.0 6.0 6.0 5.0 0.0	-7 -6 -6.0 0.0 0.0 0.0 -59.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-7 -6 -6.0 0.0 1.0 0.0 -57.0 -6.8 4.6 5.0 6.0 -5.9 -0.1
BARH-GORAKI V PUSAULI-SAHU SONE NAGAR-I GARWAH-RIH/ KARMANASA-I KARMANASA-I OF ER (With WR V JHARSUGUDA-I ROURKELA - R BYPASS) JHARSUGUDA-I BEUL-RAIGAR STERLITE-RAIG RANCHI-SIPAT V BUDHIPADAR-I BUDHIPADAR-I BUDHIPADAR-I GOF ER (With SR) C JEYPORE-GAZI	HPUR JPURI RIHAND AND SAHUPURI CHANDAULI CHANDAULI CHANDAULI CHARAMJAIGARH S/C DHARAMJAIGARH AIGARH CHARAMJAIGARH	D/C S/C S/C S/C S/C S/C S/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 54 0 0 -533 0 0 0 0 0 0	0 -223 0 -2 -1 0 ER-NR 0 301 0 0 0 0 0	0 0.0 0.0 1.0 0.0 0.0 2.0 -6.8 0.0 5.0 6.0 6.0 5.0 0.0	-6	-6 -6.0 0.0 1.0 0.0 0.0 -57.0 -6.8 4.6 5.0 6.0 -5.9 -0.1
SONE NAGAR- GARWAH-RIH/ KARMANASA- KARMANASA- OF ER (With WR V JHARSUGUDA- ROURKELA - R BYPASS JHARSUGUDA- IBEUL-RAIGAR STERLITE-RAIG RANCHI-SIPAT V BUDHIPADAR- BUDHIPADAR- BUDHIPADAR- GOF ER (With SR) C JEYPORE-GAZI	JPURI RIHAND AND SAHUPURI CHANDAULI CHANDAULI CHARAMJAIGARH S/C DHARAMJAIGARH AIGARH (SEL LILO RAIGARH CHARAMJAIGARH CHARAMJA	S/C D/C S/C S/C	0 0 54 0 0 0 -533 0 0 0 0 0 0	-223 0 -2 -1 0 ER-NR 0 301 0 0 0 0 0 0	0.0 0.0 1.0 0.0 0.0 2.0 -6.8 0.0 5.0 6.0 6.0 5.0 0.0	-6.0 0.0 0.0 0.0 0.0 -59.0 -7.0 0.0 0.0 0.0 0.0 -5.9 -0.1 0.0	-6.0 0.0 1.0 0.0 0.0 -57.0 -6.8 4.6 5.0 6.0 -5.9 -0.1
SONE NAGAR- GARWAH-RIHA KARMANASA-I KARMAN	RIHAND AND SAHUPURI CHANDAULI CHANDAULI DHARAMJAIGARH S/C DHARAMJAIGARH AIGARH (SEL LILO RAIGARH BH GARH RAIGARH RAIGARH KORBA	S/C D/C S/C S/C	54 0 0 0 -533 0 0 0 0 0 0 1 561	0 -2 -1 0 ER-NR 0 301 0 0 0 0	0.0 1.0 0.0 0.0 2.0 -6.8 0.0 5.0 6.0 6.0 5.0 0.0	0.0 0.0 0.0 0.0 -59.0 -7.0 0.0 0.0 0.0 0.0 0.0 -5.9 -0.1 0.0	0.0 1.0 0.0 0.0 -57.0 -6.8 4.6 5.0 6.0 -5.9 -0.1
KARMANASA-: KARMANASA KARMANASA-: KARMANASA KARMAN	SAHUPURI CHANDAULI A) DHARAMJAIGARH S/C DHARAMJAIGARH AIGARH (SEL LILO BRAIGARH BH GARH CARAIGARH KORBA	S/C S/C S/C S/C S/C S/C S/C S/C D/C D/C S/C S/C	0 0 0 -533 0 0 0 0 0 0 1 561	-1 0 ER-NR 0 301 0 0 0 0 0 0	0.0 0.0 2.0 -6.8 0.0 5.0 6.0 6.0 5.0 0.0	0.0 0.0 -59.0 -7.0 0.0 0.0 0.0 0.0 -5.9 -0.1 0.0	0.0 0.0 -57.0 -6.8 4.6 5.0 6.0 6.0 -5.9 -0.1 11.0
KARMANASA-I KARMANASA-I KARMANASA-I OF ER (With WR V JHARSUGUDA-I ROURKELA - R BYPASS) JHARSUGUDA-I IBEUL-RAIGAR STERLITE-RAIG RANCHI-SIPAT BUDHIPADAR-I BUDHIPADAR-I BUDHIPADAR-I C JEYPORE-GAZI	CHANDAULI CHANDAULI CHANDAULI CHARAMJAIGARH S/C CHARAMJAIGARH CAIGARH (SEL LILO CRAIGARH CHARAMJAIGARH CHARAMJAIGARH CHARAMJAIGARH CHARAMJAIGARH CHARAMJAIGARH CHARAMJAIGARH CHARAMJAIGARH CHARAMJAIGARH CHARAMJAIGARH KORBA	S/C D/C S/C S/C S/C S/C D/C D/C	0 -533 0 0 0 0 0 0 1 561	0 ER-NR 0 301 0 0 0 0 0	0.0 2.0 -6.8 0.0 5.0 6.0 6.0 5.0 0.0 11.0	0.0 -59.0 -7.0 0.0 0.0 0.0 0.0 -5.9 -0.1 0.0	0.0 -57.0 -6.8 4.6 5.0 6.0 6.0 -5.9 -0.1 11.0
of ER (With WR V JHARSUGUDA- NEW RANCHI- ROURKELA - R BYPASS) JHARSUGUDA- V IBEUL-RAIGAR STERLITE-RAIG RANCHI-SIPAT V BUDHIPADAR- BUDHIPADAR- BUDHIPADAR- C JEYPORE-GAZI	E) DHARAMJAIGARH S/C DHARAMJAIGARH AIGARH (SEL LILO BRAIGARH BRH BGARH RAIGARH RAIGARH KORBA	D/C S/C S/C S/C S/C D/C S/C S/C S/C	-533 0 0 0 0 0 0 0 1 561	0 301 0 0 0 0 0 0	2.0 -6.8 0.0 5.0 6.0 6.0 5.0 0.0 11.0	-59.0 -7.0 0.0 0.0 0.0 0.0 -5.9 -0.1 0.0	-57.0 -6.8 4.6 5.0 6.0 6.0 -5.9 -0.1 11.0
JHARSUGUDA- NEW RANCHI- ROURKELA - R BYPASS) JHARSUGUDA- IBEUL-RAIGAR STERLITE-RAIG RANCHI-SIPAT BUDHIPADAR- BUDHIPADAR- OF ER (With SR) C JEYPORE-GAZI	DHARAMJAIGARH S/C DHARAMJAIGARH AIGARH (SEL LILO RAIGARH RH GARH RAIGARH RAIGARH RAIGARH RAIGARH KORBA	S/C S/C S/C S/C D/C S/C S/C S/C	0 0 0 0 0 0 1 561	0 301 0 0 0 0 0	-6.8 0.0 5.0 6.0 6.0 5.0 0.0	-7.0 0.0 0.0 0.0 0.0 -5.9 -0.1	-6.8 4.6 5.0 6.0 6.0 -5.9 -0.1
JHARSUGUDA- NEW RANCHI- ROURKELA - R BYPASS) JHARSUGUDA- IBEUL-RAIGAR STERLITE-RAIG RANCHI-SIPAT BUDHIPADAR- BUDHIPADAR- OF ER (With SR) C JEYPORE-GAZI	DHARAMJAIGARH S/C DHARAMJAIGARH AIGARH (SEL LILO RAIGARH RH GARH RAIGARH RAIGARH RAIGARH RAIGARH KORBA	S/C S/C S/C S/C D/C S/C S/C S/C	0 0 0 0 0 0 1 561	301 0 0 0 0 0 0	0.0 5.0 6.0 6.0 5.0 0.0	0.0 0.0 0.0 0.0 -5.9 -0.1 0.0	4.6 5.0 6.0 6.0 -5.9 -0.1 11.0
NEW RANCHI- ROURKELA - R BYPASS) JHARSUGUDA- IBEUL-RAIGAR STERLITE-RAIG RANCHI-SIPAT W BUDHIPADAR- BUDHIPADAR- OF ER (With SR) C JEYPORE-GAZI	DHARAMJAIGARH AIGARH (SEL LILO RAIGARH RH GARH RAIGARH RAIGARH KORBA	S/C S/C S/C S/C D/C S/C S/C S/C	0 0 0 0 0 0 1 561	301 0 0 0 0 0 0	0.0 5.0 6.0 6.0 5.0 0.0	0.0 0.0 0.0 0.0 -5.9 -0.1 0.0	4.6 5.0 6.0 6.0 -5.9 -0.1 11.0
NEW RANCHI- ROURKELA - R BYPASS) JHARSUGUDA- V IBEUL-RAIGAR STERLITE-RAIG RANCHI-SIPAT BUDHIPADAR- BUDHIPADAR- BUDHIPADAR- C JEYPORE-GAZI	AIGARH (SEL LILO RAIGARH RH GARH RAIGARH KORBA	S/C S/C S/C D/C D/C S/C	0 0 0 0 1 561	0 0 0 0 0	5.0 6.0 6.0 5.0 0.0	0.0 0.0 0.0 -5.9 -0.1 0.0	5.0 6.0 6.0 -5.9 -0.1 11.0
BYPASS) JHARSUGUDA- IBEUL-RAIGAR STERLITE-RAIG RANCHI-SIPAT W BUDHIPADAR- BUDHIPADAR- OF ER (With SR) C JEYPORE-GAZI	RAIGARH GARH RAIGARH RAIGARH KORBA	S/C S/C D/C D/C S/C	0 0 0 1 561	0 0 0 0 0	6.0 6.0 5.0 0.0 11.0	0.0 0.0 -5.9 -0.1 0.0	6.0 6.0 -5.9 -0.1 11.0
JHARSUGUDA- V IBEUL-RAIGAR STERLITE-RAIG RANCHI-SIPAT V BUDHIPADAR- BUDHIPADAR- OF ER (With SR) C JEYPORE-GAZI	RH GARH RAIGARH KORBA	S/C D/C D/C S/C	0 0 1 561	0 0 0 0	6.0 5.0 0.0 11.0	0.0 -5.9 -0.1 0.0	6.0 -5.9 -0.1 11.0
STERLITE-RAIG RANCHI-SIPAT V BUDHIPADAR- BUDHIPADAR- Of ER (With SR) C JEYPORE-GAZI	GARH RAIGARH KORBA	D/C D/C S/C	0 1 561	0 0	5.0 0.0 11.0	-5.9 -0.1 0.0	-5.9 -0.1 11.0
RANCHI-SIPAT W BUDHIPADAR- BUDHIPADAR- of ER (With SR) C JEYPORE-GAZI	RAIGARH KORBA	D/C S/C	1 561	0	0.0 11.0	-0.1 0.0	-0.1 11.0
W BUDHIPADAR-BUDHIPADAR- of ER (With SR) D JEYPORE-GAZI	RAIGARH KORBA	S/C	561	0	11.0	0.0	11.0
BUDHIPADAR- of ER (With SR) USE JEYPORE-GAZI	KORBA						
BUDHIPADAR- of ER (With SR) DESCRIPTION OF THE PROPERTY OF TH		D/C	0	-179	0.0	-3.0	_3 A
C JEYPORE-GAZI	1				0.0	5.0	-5.0
C JEYPORE-GAZI				ER-WR	26.2	-16.0	16.7
					Г		
		D/C	0	-583	0	-14.0	-14.0
	AR BIPOLE	D/C	0	-2161	0	-48.0	-48.0
V TALCHER-I/C	DED CH EDDII	S/C	0	0	0	0	0
V BALINIELA-UF	FER-SILERRU	3/C	Ü				-62.0
of ER (With NE)	R)			- LK SK	0.0	-02.0	-02.0
		Q/C	155	-100	2	0	2
		D/C	0	-143	0	-2	-2
•		u .		ER-NER	2.0	-2.0	0.0
of WR (With NR)				•		
C V'CHAL B/B		D/C	50	-250	0.4	-3.2	-2.9
V GWALIOR-AGE	RA	D/C	0	-3520	0.0	-71.5	-71.5
		D/C	0	-1280	0	-27	-27
		S/C	0	0	0.0	0.0	0.0
		S/C	100	-179	0.0	-1.5	-1.5
	ND	S/C	0	-493	0.0	-10.1	-10.1
-	ν						-1.3
v —							0.7
-		_					-0.7
		_					0.0
. OTTALION-SAV		5/ C		L			-113.9
C APL -MHG		D/C	0	-2523	0.0	-60.5	-60.5
)	1	1		1 ***		
		-	0	-1000	0.0	-23.8	-23.8
	ERU	-	0	0	0.0	0.0	0.0
V SOLAPUR-RAIG	CHUR	D/C	0	-974	0.0	-15.1	-15.1
KOLHAPUR-CH	HIKODI	D/C	0	-172	0.0	-3.4	-3.4
V PONDA-AMBEV	WADI	S/C	0	0	0.0	0.0	0.0
XELDEM-AMB	EWADI	S/C	87	0	1.3	0.0	1.3
				WR-SR	1.3	-42.3	-41.1
<u> </u>	TRANSNA	TIONAL	EXCHAN	IGE			
		1					32
BHUTAN							
KKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	OC APL-MHG OC APL-MHG OC WR (With SR) BADDO-MORA MEHGAON-AU MALANPUR-AI KV BHADRAWATI KV SOLAPUR-RAIC KV PONDA-AMBE KV PONDA-AMBE	of ER (With NER) KV BINAGURI-BONGAIGAON KV BIRPARA-SALAKATI Of WR (With NR) OC V'CHAL B/B KV GWALIOR-AGRA KV PHAGI-GWALIOR KV ZERDA-KANKROLI KV ZERDA-BHINMAL KV V'CHAL-RIHAND BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA KV GWALIOR-SAWAI MADHOPUR OC APL-MHG OF WR (With SR) OC BHADRAWATI B/B K BARSUR-L-SILERU KV SOLAPUR-RAICHUR KOLHAPUR-CHIKODI KV PONDA-AMBEWADI TRANSNA	OF ER (With NER)	Of ER (With NER)	ER-SR of ER (With NER) KV BINAGURI-BONGAIGAON Q/C 155 -100 KV BIRPARA-SALAKATI D/C 0 -143 ER-NER of WR (With NR) CC VCHAL B/B D/C 50 -250 KV GWALIOR-AGRA D/C 0 -3520 KV PHAGI-GWALIOR D/C 0 -1280 KV ZERDA-KANKROLI S/C 0 0 KV ZERDA-BHINMAL S/C 100 -179 KV VCHAL -RIHAND S/C 0 -493 BADOD-KOTA S/C 0 -94 BADOD-MORAK S/C 63 -6 MEHGAON-AURAIYA S/C 30 -48 MALANPUR-AURAIYA S/C 0 0 WR-NR OC APL -MHG D/C 0 -2523 of WR (With SR) CC BHADRAWATI B/B - 0 -1000 KV SOLAPUR-RAICHUR D/C 0 -974 KOLHAPUR-CHIKODI D/C 0 -974 KOLHAPUR-CHIKODI D/C 0 -974 KOLHAPUR-CHIKODI D/C 0 -172 KV PONDA-AMBEWADI S/C 0 0 WR-SR TRANSNATIONAL EXCHANGE	ER-SR 0.0	ER-SR 0.0 -62.0 Of ER (With NER)