

National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPERATION CORPORATION LIMITED

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(Government of India Enterprise/ भारत सरकार का उद्यम)

B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016 बी-9, क़ुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 27th September 2017

To,

- 1. कार्यकारी निदेशक, पू .क्षे .भा .प्रे .के.,14 , गोल्फ क्लब रोड , कोलकाता 700033 Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
- 2. कार्यकारी निदेशक, ऊ. क्षे. भा. प्रे. के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली 110016 Executive Director, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi 110016
- 3. कार्यकारी निदेशक, प .क्षे .भा .प्रे .के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई -400093 Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
- 4. कार्यकारी निदेशक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिएह, लोअर नोंग्रह , लापलंग, शिलोंग 793006 Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
- 5. महाप्रबंधक , द .क्षे .भा .प्रे .के.,29 , रेस कोर्स क्रॉस रोड, बंगलुरु -560009 General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 26.09.2017.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 26-सितंबर-2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा॰भा॰प्रे॰के॰ की वेबसाइट 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 26th September 2017, is available at the NLDC website.

धन्यवाद,

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

Report for previous day 27-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48903	47168	38228	21034	2674	158007
Peak Shortage (MW)	1481	326	0	0	136	1943
Energy Met (MU)	1068	1051	833	429	51	3432
Hydro Gen(MU)	259	27	91	103	23	502
Wind Gen(MU)	14	21	55			89
Solar Gen (MU)*	3.30	15.61	27.10	0.55	0.01	47
Energy Shortage (MU)	23.0	0.0	0.0	0.3	1.1	24.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49671	47385	38133	21081	2835	157619

B. Frequency Profile (%)

					<49.7	1 11	Region
4.50	80.81	14.69	14.19	0.50	0.00	0.048	All India
	80.81	14.69	14 19		0.00	0.048	All India

C. Power Supply Position in States

RegionRegion	States	Max. Demand Met during the day (MW)	Shortage during maximum Demand (MW)	Energy Met (MU)	Drawal Schedule (MU)	OD(+)/UD(-) (MU)	Max OD (MW)	Energy Shortage (MU
	Punjab	8239	0	182.1	95.0	0.1	204	0.0
	*		75			1.5	183	7.1
	Haryana	7125		142.2	102.7			_
	Rajasthan	9147	0	202.0	75.3	2.6	308	5.1
ND	Delhi	4580	0	97.1	85.7	-0.3	120	0.0
NR	UP	15945	300	341.4	155.6	0.0	926	0.0
	Uttarakhand	1660	0	36.3	11.9	-0.3	207	0.3
	HP	1337	0	19.8	0.9	2.4	350	0.4
	J&K	2121	530	42.2	20.8	5.1	454	10.0
	Chandigarh	241	0	4.8	4.9	-0.1	30	0.0
	Chhattisgarh	3928	0	91.0	31.4	1.1	329	0.0
	Gujarat	15424	0	341.3	70.7	0.1	448	0.0
	MP	8232	0	173.4	96.8	3.2	451	0.0
WR	Maharashtra	19010	0	404.6	123.3	0.9	488	0.0
VVIX	Goa	405	0	8.9	8.8	-0.3	26	0.0
	DD	341	0	7.5	6.5	1.0	65	0.0
	DNH	759	0	17.4	16.9	0.5	43	0.0
	Essar steel	347	0	6.4	6.3	0.1	183	0.0
	Andhra Pradesh	7191	0	153.0	53.8	1.8	436	0.0
	Telangana	8216	0	177.0	71.7	0.0	481	0.0
SR	Karnataka	7290	0	151.2	54.4	2.1	425	0.0
3K	Kerala	3390	0	68.0	39.3	1.6	211	0.0
	Tamil Nadu	13301	0	277.2	128.1	0.2	520	0.0
	Pondy	325	0	6.9	7.0	-0.1	55	0.0
	Bihar	4675	0	91.4	84.7	0.5	225	0.3
	DVC	3000	0	66.3	-20.6	0.2	225	0.0
ED.	Jharkhand	1157	0	24.1	16.5	1.5	80	0.0
ER	Odisha	4583	0	87.8	37.1	0.6	220	0.0
	West Bengal	8488	0	158.7	49.2	0.4	250	0.0
	Sikkim	90	0	1.1	1.3	-0.2	10	0.0
	Arunachal Pradesh	111	1	2.5	2.4	0.1	3	0.0
	Assam	1688	108	33.2	23.4	4.6	164	1.0
	Manipur	155	1	2.1	2.1	0.0	38	0.0
NER	Meghalaya	267	0	4.9	-1.3	0.0	69	0.0
	Mizoram	80	1	1.2	1.2	0.0	12	0.0
	Nagaland	114	1	2.1	1.8	0.1	25	0.0
	Tripura	282	1	5.1	4.5	0.0	85	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	29.7	-5.5	-15.0
Day peak (MW)	1237.3	-215.0	-645.0

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

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	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	184.7	-190.5	57.8	-48.0	-0.4	3.6
Actual(MU)	180.1	-198.6	55.9	-44.4	2.8	-4.3
O/D/U/D(MU)	-4.6	-8.1	-1.9	3.6	3.2	-7.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2646	17769	5310	1370	106	27201
State Sector	10920	14975	9492	5795	50	41232
Total	13566	32744	14802	7165	156	68433

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	561	1160	511	389	5	2626
Hydro	259	27	91	103	23	502
Nuclear	28	3	47	0	0	79
Gas, Naptha & Diesel	42	58	17	0	24	142
RES (Wind, Solar, Biomass & Others)	23	37	116	1	0	176
Total	913	1286	782	493	52	3526

^{*}Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data. सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के॰वि॰प्रा॰(ग्रि॰प्र॰)/ मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

Table Tabl	65KV HVDC 20 KV 65 KV 65 KV 65 KV 60 KV	Line Details ER (With NR) GAYA-VARANASI SASARAM-FATEHPUR GAYA-BALIA ALIPURDUAR-AGRA PUSAULI B/B PUSAULI-VARANASI PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI 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 BEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-KORBA	D/C S/C S/C D/C D/C S/C D/C D/C D/C S/C D/C D/C S/C S/C	Max Import (MW) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Max Export (MW)	Import (MU)	Export (MU) 3.6 0.0 4.7 7.3 6.0 0.0 10.5 18.1 3.0 0.0 0.0 5.2 0.0 0.0 0.0 5.2 0.0 0.0 2.2 0.0 0.0 0.0	/Export =(-ve) for NET (MU) NET (MU) -3.6 4.7 -4.7 -7.3 -6.0 0.0 0.0 -10.5 -18.1 -3.0 4.0 1.3 -5.2 0.0 0.7 0.0 0.7 0.0 0.7 -47.7 12.0 9.7 -2.2 1.6
1 2 765 3 4 HV 5 6 7 8 9 400 11 12 13 220 14 15 16 17 17 18 765 19 20 21 22 23 24 25 26 26 27 765 28 HV 29 LI 30 400 31 220 20 21 30 400 31 220 20 21 30 400 31 220 20 20 20 20 20 20	65KV HVDC 20 KV 65 KV 65 KV 65 KV 60 KV	GAYA-VARANASI SASARAM-FATEHPUR GAYA-BALIA ALIPURDUAR-AGRA PUSAULI B/B PUSAULI-VARANASI PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH BEUL-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	S/C S/C 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 274 177 247 226 60 604 885 196 0 0 243 0 0 0 ER-NR	4.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.0 1.3 0.0 0.0 0.7 0.0 0.0 10.7	0.0 4.7 7.3 6.0 0.0 0.0 10.5 18.1 3.0 0.0 0.0 5.2 0.0 0.0 0.0 5.2 0.0 0.0 2.2 0.0	4.7 -4.7 -7.3 -6.0 0.0 0.0 -10.5 -18.1 -3.0 4.0 1.3 -5.2 0.0 0.7 0.0 0.0 -47.7
3 4 HV 5 6 7 8 9 400 10 11 12 13 220 14 15 132 16 17 132 17 18 765 19 20 21 20 23 24 22 23 24 25 26 26 20 20 20 21 22 23 24 25 26 26 20 20 20 20 20 20 20 20 20 20 20 20 20	65KV HVDC 20 KV 32 KV ort of 1 65 KV ort of 1	SASARAM-FATEHPUR GAYA-BALIA ALIPURDUAR-AGRA PUSAULI B/B PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	S/C S/C 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 274 177 247 226 60 604 885 196 0 0 243 0 0 0 ER-NR	4.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.0 1.3 0.0 0.0 0.7 0.0 0.0 10.7	0.0 4.7 7.3 6.0 0.0 0.0 10.5 18.1 3.0 0.0 0.0 5.2 0.0 0.0 0.0 5.2 0.0 0.0 2.2 0.0	4.7 -4.7 -7.3 -6.0 0.0 0.0 -10.5 -18.1 -3.0 4.0 1.3 -5.2 0.0 0.7 0.0 0.0 -47.7
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8 9 400 10 11 12 13 220 14 15 16 17 18 765 19 20 21 22 23 24 25 26 24 25 26 27 765 28 HV 29 LII 30 400 31 220 1port/Expoi	20 KV 32 KV ort of 1 65 KV 20 KV	MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI 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 IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	D/C Q/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 0 0 0 0 0 0 0 0 0	604 885 196 0 0 243 0 0 0 0 ER-NR	0.0 0.0 0.0 4.0 1.3 0.0 0.0 0.7 0.0 0.0 10.7 12.0 9.7 0.0 1.6	10.5 18.1 3.0 0.0 0.0 5.2 0.0 0.0 0.0 5.8.4 0.0 0.0 2.2 0.0	-10.5 -18.1 -3.0 4.0 1.3 -5.2 0.0 0.7 0.0 -47.7 12.0 9.7 -2.2 1.6
9 400 10 11 12 13 220 14 15 132 16 17 132 18 765 19 20 21 22 23 24 25 26 220 27 765 28 HV 29 LI 30 400 31 220 aport/Export 32 400 31 220 aport/Export 32 400 31 220 aport/Export 33 400 31 220	20 KV 32 KV ort of 1 20 KV	PATNA-BALIA BIHARSHARIFF-BALIA MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI 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 IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	Q/C	0 0 0 0 0 0 0 0 0 0	885 196 0 0 243 0 0 0 0 ER-NR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 4.0 1.3 0.0 0.0 0.7 0.0 0.0 10.7 12.0 9.7 0.0 1.6	18.1 3.0 0.0 0.0 5.2 0.0 0.0 0.0 58.4 0.0 0.0 2.2	-18.1 -3.0 4.0 1.3 -5.2 0.0 0.7 0.0 0.0 -47.7
10 11 12 13 220 14 15 16 17 18 765 19 20 21 22 23 24 25 26 26 27 765 28 HV 29 LI 30 400 31 220 1port/Export 32 400 31 220 1port/Export 32 400 31 220 1port/Export 32 400 31 220	20 KV 32 KV ort of 1 65 KV 20 KV	BIHARSHARIFF-BALIA MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI 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 IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/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 0 0 0 0 0 0 0 0	196 0 0 243 0 0 0 0 ER-NR 0 0 0	0.0 4.0 1.3 0.0 0.0 0.7 0.0 0.0 10.7 12.0 9.7 0.0 1.6	3.0 0.0 0.0 5.2 0.0 0.0 0.0 58.4 0.0 0.0 2.2 0.0	-3.0 4.0 1.3 -5.2 0.0 0.7 0.0 0.0 -47.7 12.0 9.7 -2.2 1.6
12 13 220 14 15 16 17 19 17 18 765 19 20 21 22 23 24 25 26 220 27 765 28 HV 29 LI 30 400 31 220 1port/Expoi 32 400 31 220 1port/Expoi 32 400 31 220 1port/Expoi 32 400 31 400 400 400 400 400 400 400 400 400 40	20 KV 32 KV ort of 1 65 KV 20 KV	BIHARSHARIFF-VARANASI 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 IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	D/C S/C S/C S/C S/C S/C S/C S/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 0 0 0 0 0 0 0	0 243 0 0 0 0 0 ER-NR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.3 0.0 0.0 0.7 0.0 0.0 10.7 12.0 9.7 0.0 1.6	0.0 5.2 0.0 0.0 0.0 0.0 58.4 0.0 0.0 2.2 0.0	1.3 -5.2 0.0 0.7 0.0 0.0 -47.7
13	20 KV 32 KV ort of 1 65 KV 20 KV	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 IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	S/C S/C S/C S/C S/C S/C S/C D/C D/C S/C S/C S/C S/C S/C S/C S/C D/C D/C S/C	0 0 0 0 0 0 0 0	243 0 0 0 0 ER-NR 0 0 0 2 0 0	0.0 0.0 0.7 0.0 0.0 10.7 12.0 9.7 0.0 1.6	5.2 0.0 0.0 0.0 0.0 58.4 0.0 0.0 2.2 0.0	-5.2 0.0 0.7 0.0 0.0 -47.7 12.0 9.7 -2.2 1.6
14 15 16 17 18 765 19 20 21 22 23 24 25 26 27 765 28 HV 29 LI 30 400 31 220 1port/Export 32 30 400 31 220 1port/Export 32 33 400 31 220	ort of l 65 KV 00 KV ort of l	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 IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	S/C S/C S/C S/C S/C D/C D/C S/C S/C S/C S/C S/C S/C S/C D/C D/C S/C	0 0 0 0 0 0 0	0 0 0 0 ER-NR 0 0 0	0.0 0.7 0.0 0.0 10.7 12.0 9.7 0.0 1.6	0.0 0.0 0.0 0.0 58.4 0.0 0.0 2.2 0.0	0.0 0.7 0.0 0.0 -47.7 12.0 9.7 -2.2 1.6
15 16 17 18 19 20 21 22 23 24 25 26 27 765 28 HV 29 LI 30 400 31 220 aport/Export 32 33 34 220 aport/Export 35 HV	00 KV 00 KV 00 TO OF 1	GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	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 D/C S/C	0 0 0 0 0 0 0	0 0 0 ER-NR 0 0 0 2 0	0.7 0.0 0.0 10.7 12.0 9.7 0.0 1.6	0.0 0.0 0.0 58.4 0.0 0.0 2.2 0.0	0.7 0.0 0.0 -47.7 12.0 9.7 -2.2 1.6
16 17	ort of 1 65 KV 00 KV ort of 1	KARMANASA-SAHUPURI KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	S/C S/C S/C D/C S/C S/C S/C S/C S/C S/C D/C D/C S/C	0 0 0 0 0 0	0 0 ER-NR 0 0 0 2 0 0	0.0 0.0 10.7 12.0 9.7 0.0	0.0 0.0 58.4 0.0 0.0 2.2 0.0	0.0 0.0 -47.7 12.0 9.7 -2.2 1.6
17	ort of 1 65 KV 00 KV 20 KV	ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	S/C D/C D/C S/C S/C S/C D/C D/C	0 0 0 0 0	0 0 0 0 2 0 0	0.0 10.7 12.0 9.7 0.0 1.6	0.0 58.4 0.0 0.0 2.2 0.0	0.0 -47.7 12.0 9.7 -2.2 1.6
18 765 19 20 21 22 23 24 25 220 27 765 28 HV 29 LI 30 400 31 220 220 23 34 220 25 35 HV 25 HV 25 HV 25 400 3	ort of 1 65 KV 00 KV 20 KV	ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	D/C D/C S/C S/C S/C D/C D/C S/C	0 0 0 0 0	0 0 0 2 0 0	12.0 9.7 0.0 1.6	0.0 0.0 2.2 0.0	-47.7 12.0 9.7 -2.2 1.6
18	65 KV 00 KV 20 KV	JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	D/C S/C S/C S/C D/C D/C S/C	0 0 0 0 0	0 0 2 0 0	12.0 9.7 0.0 1.6	0.0 0.0 2.2 0.0	12.0 9.7 -2.2 1.6
18	65 KV 00 KV 20 KV	JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	D/C S/C S/C S/C D/C D/C S/C	0 0 0 0 0	0 2 0 0	9.7 0.0 1.6	0.0 2.2 0.0	9.7 -2.2 1.6
765 20 21 22 23 24 25 220 27 765 28 HV 29 LI 30 400 31 220	00 KV 20 KV	NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	D/C S/C S/C S/C D/C D/C S/C	0 0 0 0 0	0 2 0 0	9.7 0.0 1.6	0.0 2.2 0.0	9.7 -2.2 1.6
21 22 23 24 25 26 27 765 28 HV 29 LI 30 400 31 220 aport/Export 32 400 33 400 31 400 400 400 400 400 400 400 400 400 40	00 KV 20 KV ort of 1	BYPASS) JHARSUGUDA-RAIGARH IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	S/C S/C D/C D/C S/C	0 0	0	1.6	0.0	1.6
21 22 23 24 25 26 27 765 28 HV 29 LI 30 400 31 220 port/Export 32 400 33 400 31 220 port/Export 35 HV port/Export 36	00 KV 20 KV ort of l	JHARSUGUDA-RAIGARH IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	S/C S/C D/C D/C S/C	0 0	0	1.6	0.0	1.6
22 23 24 25 220 26 27 765 28 HV 29 LI 30 400 31 220 20 20 20 20 20 20 20 20 20 20 20 20	00 KV 20 KV ort of 1	IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	S/C D/C D/C S/C	0	0			
23 24 25 26 20 27 765 28 HV 29 LI 30 400 31 220 port/Export 32 33 400 34 220 port/Export 35 HV port/Export 36	20 KV	STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	D/C D/C S/C	0		1.1	σ . σ	1.1
24 25 26 20 port/Export 27 765 28 HV 29 LII 30 400 31 220 port/Export 32 33 34 220 port/Export 35 HV	20 KV	RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	D/C S/C	_	_	5.3	0.0	5.3
220 port/Export 27 765 28 HV 29 LI 30 400 31 220 port/Export 32 400 33 400 34 220 port/Export 35 HV port/Export 36	20 KV	BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA			0	6.2	0.0	6.2
26 port/Export 27 765 28 HV 29 LI 30 400 31 220 port/Export 32 400 33 34 220 port/Export 35 HV port/Export 36	ort of l			0	87	0.0	0.8	-0.8
27 765 28 HV 29 LI 30 400 31 220 port/Export 32 400 34 220 port/Export 35 HV port/Export 36	r		D/C	0	0	3.4	0.0	3.4
27 765 28 HV 29 LI 30 400 31 220 port/Export 32 400 34 220 port/Export 35 HV port/Export 36	r	CD /ETTA: ~~:			ER-WR	39.4	3.0	36.4
28 HV 29 LI 30 400 31 220 port/Export 32 400 33 34 220 port/Export 35 HV port/Export 36	65 KV	ER (With SR)	Т	T	<u></u>			Т
29 LI 30 400 31 220 port/Export 32 400 33 400 34 220 port/Export 35 HV port/Export 36		ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.6	-15.6
30 400 31 220 port/Export 32 400 33 34 220 port/Export 35 HV		JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE	D/C D/C	0.0	215.5 1421.1	0.0	9.9	-9.9 -23.1
31 220 port/Export 32 400 33 34 220 port/Export 35 HV port/Export 36		TALCHER-I/C	D/C D/C	0.0	1169.9	0.0	18.0	-23.1
32 400 33 34 220 220 35 HV 26 26 26 26 26 26 26 2		BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
32 400 33 34 220 20 35 HV	l				ER-SR	0.0	48.6	-48.6
33 400 33 400 34 220 35 HV aport/Export 36	ort of	ER (With NER)	_	_				
33 34 220 aport/Export 35 HV	00 KV +	BINAGURI-BONGAIGAON	D/C	0	1328	0.0	8.2	-8
aport/Export/Export/Export/Export/36		ALIPURDUAR-BONGAIGAON	D/C	0	1076	0.0	5.8	-6
35 HV	20 KV	ALIPURDUAR-SALAKATI	D/C	0	0 ER-NER	0.0 0.0	2.3 16.4	-2 - 16.4
35 HV port/Expor	ort of 1	NER (With NR)			ER-NER	0.0	10.4	-10.4
port/Expo		BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.2	-16.2
36				-	NER-NR	0.0	16.2	-16.2
	ort of \	WR (With NR)						
37 HV	ŀ	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	23.5	-23.5
	ŀ	V'CHAL B/B	D/C	500	0	10.5	0.0	10.5
38		APL -MHG	D/C	0	1512	0.0	33.2	-33.2
39 765	65 KV +	GWALIOR-AGRA	D/C	0	2474	0.0	49.4	-49.4
40 41		PHAGI-GWALIOR ZERDA-KANKROLI	D/C S/C	0 185	1638	0.0 2.5	0.0	-21.0 2.5
42.	ŀ	ZERDA-KANKROLI ZERDA -BHINMAL	S/C S/C	211	67	0.0	1.6	-1.6
43 400	00 KV +	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44	-	RAPP-SHUJALPUR	D/C	0	248	0.0	2	-2
45		BADOD-KOTA	S/C	43	31	0.3	0.2	0.1
46		BADOD-MORAK	S/C	7	72	0.0	0.8	-0.8
47 220	20 KV	MEHGAON-AURAIYA	S/C	72	0	1.1	0.0	1.1
48		MALANPUR-AURAIYA	S/C	35	0	0.5	0.0	0.5
49 132	32KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
4 /PC	-م د	WD (Wid CD)			WR-NR	15.0	131.9	-116.9
- , -	1	WR (With SR)		0	000	0.0	10.0	10.0
		BHADRAWATI B/B BARSUR-L.SILERU	-	0	800	0.0	0.0	-12.0 0.0
52		SOLAPUR-RAICHUR	D/C	0	811	0.0	9.3	-9.3
52 53 765	65 KV +	WARDHA-NIZAMABAD	D/C D/C	0	1518	0.0	29.7	-9.3
		KOLHAPUR-KUDGI	D/C	562	0	8.4	0.0	8.4
55	-	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
56 220	20 KV	PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
57		XELDEM-AMBEWADI	S/C	73	0	2.0	0.0	2.0
					WR-SR	10.4	51.0	-40.6
		TRA	NSNATI	ONAL EX	CHANGE			-
58 59		BHUTAN						2