

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: 08th May 2018

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. 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. 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 07.05.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 07-मई-2018 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 07th May 2018, is available at the NLDC website.

धन्यवाद,

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

Report for previous day 8-May-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	45951	48159	41198	20971	2189	158468
Peak Shortage (MW)	807	71	0	0	198	1076
Energy Met (MU)	1042	1166	937	448	35	3628
Hydro Gen (MU)	167	49	56	63	13	348
Wind Gen (MU)	23	81	47			151
Solar Gen (MU)*	15.60	22.13	55.49	0.85	0.01	94
Energy Shortage (MU)	11.0	0.0	0.0	0.0	2.2	13.2
Maximum Demand Met during the day	46716	51962	43029	21750	2207	160602
(MW) & time (from NLDC SCADA)	19:45	15:42	14:58	20:39	19:06	19:44

B. Frequency Profile (%) 49.7-49.8 Region FVI <49.7 49.8-49.9 49.9-50.05 <49.9 > 50.05 21.52 26.09 All India 0.087 0.004.57 67.13 6.78

C. Power Supply Position in States

Region	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	5972	0	128.3	59.4	-1.2	128	0.0
	Haryana	6899	96	138.5	71.9	-0.4	283	1.4
	Rajasthan	9588	0	203.8	61.2	1.0	354	0.4
	Delhi	4968	0	102.7	89.0	-1.3	98	0.0
NR	UP	16708	260	363.8	143.5	2.8	834	0.0
	Uttarakhand	1931	0	39.2	19.4	0.9	178	0.1
	HP	1284	0	23.5	10.8	2.7	360	0.2
	J&K	2085	521	37.5	24.2	2.8	435	8.9
	Chandigarh	225	0	4.4	4.4	0.1	61	0.0
	Chhattisgarh	3879	0	88.7	21.6	0.6	188	0.0
	Gujarat	15515	0	345.1	166.1	4.0	431	0.0
	MP	8590	0	190.6	83.4	-2.8	222	0.0
VA/D	Maharashtra	23030	0	502.0	152.4	1.3	594	0.0
WR	Goa	512	0	11.2	10.7	-0.1	51	0.0
	DD	312	0	7.1	6.5	0.6	7	0.0
	DNH	731	0	17.2	17.2	0.0	43	0.0
	Essar steel	231	0	4.0	4.6	-0.6	140	0.0
	Andhra Pradesh	8266	0	172.7	49.7	1.1	420	0.0
	Telangana	7068	0	148.9	38.0	0.7	413	0.0
SR	Karnataka	9571	0	206.4	70.2	-1.8	430	0.0
Six	Kerala	3774	0	75.1	51.1	0.8	162	0.0
	Tamil Nadu	14480	0	325.3	155.5	-0.2	430	0.0
	Pondy	387	0	8.1	8.0	0.1	56	0.0
	Bihar	4665	0	89.7	89.1	0.1	290	0.0
	DVC	3035	0	70.3	-49.4	-0.2	400	0.0
FR	Jharkhand	1269	0	25.0	19.3	1.1	150	0.0
LIX	Odisha	4650	0	92.7	40.9	-0.2	480	0.0
	West Bengal	8204	0	169.4	51.8	3.4	350	0.0
	Sikkim	98	0	1.3	1.5	-0.3	18	0.0
	Arunachal Pradesh	122	4	2.1	2.2	-0.2	35	0.0
	Assam	1369	32	19.5	16.5	-0.2	138	1.6
	Manipur	135	14	2.2	2.3	-0.1	6	0.0
NER	Meghalaya	269	6	4.6	2.3	-0.3	20	0.0
	Mizoram	74	1	1.7	1.4	-0.1	2	0.0
	Nagaland	101	10	2.0	2.0	-0.1	13	0.0
	Tripura	212	26	3.2	3.2	-0.1	0	0.4

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	11.9	-10.3	-14.5
Day peak (MW)	679.4	-490.2	-667.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	184.7	-186.4	63.0	-60.7	-2.2	-1.5
Actual(MU)	193.9	-190.6	56.8	-58.9	-6.6	-5.4
O/D/U/D(MU)	9.3	-4.2	-6.2	1.8	-4.4	-3.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4320	12601	8242	1350	156	26669
State Sector	8275	16333	4290	4815	50	33763
Total	12595	28934	12532	6165	206	60432

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Thermal (Coal & Lignite)	579	1158	626	464	9	2836
Hydro	167	49	57	63	13	349
Nuclear	27	18	46	0	0	91
Gas, Naptha & Diesel	31	55	21	0	24	131
RES (Wind, Solar, Biomass & Others)	62	103	140	1	0	306
Total	867	1382	890	529	46	3714
Share of RES in total generation (%)	7.16	7.43	15.71	0.26	0.07	8.24

Share of RES in total generation (%)	7.16	7.43	15.71	0.26	0.07	8.24
Share of Non-fossil fuel (Hydro, Nuclear and	29.58	12.30	27.30	12.24	27.48	20.11
RES) in total generation (%)	49.50	12.30	27.30	12.24	27.40	20.11

H. Diversity Factor

All India Demand Diversity Factor

Diversity factor = Sum of regional maximum demands / All India maximum demand

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

1 2 765 3 4 HVI 5 6 7 8 9 400 10 11 12 13 220 14 15 16 17 Import/Export 18 765 19 20 21 22 23 220 Import/Export 24 765 25 HVI 26 LIN 27 400 28 220 Import/Export 29 400 31 220 Import/Export 32 HVI 32 HVI 32 HVI 32 HVI 33 HVI 33 HVI 33 HVI 33 HVI 34 HVI 34 HVI 35	Interpretation For ER (With NR) GAYA-VARANASI SASARAM-FATEHPUR GAYA-BALIA ALIPURDUAR-AGRA PUSAULI B/B PUSAULI-VARANASI PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR BIHARSHARIFF-BALIA MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI RV PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI FOR ER (With WR) JHARSUGUDA-DHARAMJAIGARH JHARSUGUDA-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH	D/C S/C S/C S/C D/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 D/C D/C S/C D/C D/C S/C S/C S/C D/C D/C S/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 D/C S/C D/C D/C D/C S/C D/C D/C	Max Import (MW) 40 289 0 0 0 0 0 0 0 0 0 0 501 0 0 10 0 0 817 287 972 510 50 267	191 74 491 0 147 142 93 633 1327 549 245 0 204 0 0 0 0 0 ER-NR 144 269 0 0 89 0 ER-WR 1484.8 318.4 1880.5 58.0 0	0.0 2.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Export (MU) 5.3 0.0 9.3 0.0 3.8 0.0 0.0 8.3 23.8 9.6 4.3 0.9 4.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Import=(+ve) /Export =(-ve) for NET (MU) NET (MU) -5.3 2.1 -9.3 0.0 -3.8 0.0 0.0 -3.8 0.0 0.0 -8.3 -23.8 -9.6 -4.3 -0.9 -4.2 0.0 0.7 0.0 0.0 -66.3 7.6 0.7 14.0 8.0 -0.5 3.6 33.4 -20.5 -13.4 -42.6 6.2
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6 7 8 9 400 10 11 12 13 220 14 15 132 16 17 18 765 19 20 21 22 23 220 23 220 1mport/Export 24 765 25 HVI 26 LIN 27 400 28 220 1mport/Export 29 400 31 220 1mport/Export 32 HVI 32 HVI 32 HVI 33 10 10 10 10 10 10 10	PUSAULI-VARANASI PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI kV PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI TOF ER (With WR) JHARSUGUDA-DHARAMJAIGARH JHARSUGUDA-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA TOF ER (With SR) kV ANGUL-SRIKAKULAM DC JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE kV TALCHER-I/C kV BALIMELA-UPPER-SILERRU	S/C S/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	0 0 0 3 0 0 0 501 0 0 10 0 0 10 0 0 817 287 972 510 50 267	142 93 633 1327 549 245 0 204 0 0 0 ER-NR 144 269 0 0 89 0 ER-WR	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 8.3 23.8 9.6 4.3 0.9 4.2 0.0 0.0 0.0 0.0 69.2 0.0 0.0 0.5 0.0 0.5 13.4 42.6	0.0 0.0 -8.3 -23.8 -9.6 -4.3 -0.9 -4.2 0.0 0.7 0.0 0.0 -66.3 7.6 0.7 14.0 8.0 -0.5 3.6 33.4 -20.5 -13.4 -42.6
7 8 9 400 10 11 12 13 220 14 15 132 16 17 18 765 19 20 21 22 23 220 Import/Export 24 765 25 HVI 26 LIN 27 400 28 220 Import/Export 29 400 30 31 220 Import/Export 32 HVI 32 HVI 32 HVI 32 HVI 33 HVI 3	MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI kV PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI tof ER (With WR) JHARSUGUDA-DHARAMJAIGARH KV NEW RANCHI-DHARAMJAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA tof ER (With SR) kV ANGUL-SRIKAKULAM DC JEYPORE-GAZUWAKA B/B IK TALCHER-KOLAR BIPOLE kV TALCHER-I/C kV BALIMELA-UPPER-SILERRU BINAGURI-RONGAIGAON	S/C D/C Q/C D/C S/C S/C S/C S/C S/C S/C D/C D/C	0 3 0 0 0 501 0 0 10 0 0 817 287 972 510 50 267	93 633 1327 549 245 0 204 0 0 0 0 ER-NR 144 269 0 0 89 0 ER-WR	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 8.3 23.8 9.6 4.3 0.9 4.2 0.0 0.0 0.0 0.0 69.2 0.0 0.0 0.5 0.0 0.5 13.4 42.6	0.0 -8.3 -23.8 -9.6 -4.3 -0.9 -4.2 0.0 0.7 0.0 0.0 -66.3 7.6 0.7 14.0 8.0 -0.5 3.6 33.4 -20.5 -13.4 -42.6
9 400 10 11 12 13 220 14 15 16 17 Import/Export 18 765 19 20 400 21 22 23 220 Import/Export 24 765 25 HVI 26 LIN 27 400 28 220 Import/Export 29 400 31 220 Import/Export 32 HVI 32 HVI	PATNA-BALIA BIHARSHARIFF-BALIA MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI kV PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI tof ER (With WR) JHARSUGUDA-DHARAMJAIGARH JHARSUGUDA-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA tof ER (With SR) kV ANGUL-SRIKAKULAM DC JEYPORE-GAZUWAKA B/B IK TALCHER-KOLAR BIPOLE kV TALCHER-I/C kV BALIMELA-UPPER-SILERRU	Q/C D/C D/C S/C S/C S/C S/C S/C S/C D/C D/C	0 0 0 501 0 0 10 0 0 817 287 972 510 50 267	1327 549 245 0 204 0 0 0 0 ER-NR 144 269 0 0 89 0 ER-WR 1484.8 318.4 1880.5 58.0	0.0 0.0 0.0 0.0 0.0 0.0 0.7 0.0 0.0	23.8 9.6 4.3 0.9 4.2 0.0 0.0 0.0 0.0 69.2 0.0 0.0 0.5 0.0 0.5 13.4 42.6	-23.8 -9.6 -4.3 -0.9 -4.2 0.0 0.7 0.0 0.0 -66.3 7.6 0.7 14.0 8.0 -0.5 3.6 33.4 -20.5 -13.4 -42.6
10	BIHARSHARIFF-BALIA MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI kV PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI t of ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH JHARSUGUDA-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA t of ER (With SR) kV ANGUL-SRIKAKULAM OC JEYPORE-GAZUWAKA B/B IK TALCHER-KOLAR BIPOLE kV TALCHER-I/C kV BALIMELA-UPPER-SILERRU	D/C D/C D/C S/C S/C S/C S/C S/C S/C D/C D/C D/C D/C D/C D/C D/C D/C D/C D	0 0 501 0 0 10 0 0 817 287 972 510 50 267	549 245 0 204 0 0 0 0 0 ER-NR 144 269 0 0 89 0 ER-WR 1484.8 318.4 1880.5 58.0	0.0 0.0 0.0 0.0 0.0 0.7 0.0 0.0	9.6 4.3 0.9 4.2 0.0 0.0 0.0 0.0 69.2 0.0 0.0 0.5 0.0 0.5 13.4 42.6	-9.6 -4.3 -0.9 -4.2 0.0 0.7 0.0 0.0 -66.3 7.6 0.7 14.0 8.0 -0.5 3.6 33.4 -20.5 -13.4 -42.6
11	MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI kV PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI t of ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA t of ER (With SR) kV ANGUL-SRIKAKULAM DC JEYPORE-GAZUWAKA B/B IK TALCHER-KOLAR BIPOLE kV TALCHER-I/C kV BALIMELA-UPPER-SILERRU	D/C D/C S/C S/C S/C S/C S/C S/C D/C D/C D/C D/C D/C D/C D/C D/C D/C D	0 501 0 0 10 0 0 0 817 287 972 510 50 267	245 0 204 0 0 0 0 ER-NR 144 269 0 0 89 0 ER-WR 1484.8 318.4 1880.5 58.0	0.0 0.0 0.0 0.0 0.7 0.0 0.0 2.8 7.6 0.7 14.0 8.0 0.0 3.6 33.8	4.3 0.9 4.2 0.0 0.0 0.0 0.0 69.2 0.0 0.0 0.0 0.5 0.0 0.5 13.4 42.6	-4.3 -0.9 -4.2 0.0 0.7 0.0 0.0 -66.3 7.6 0.7 14.0 8.0 -0.5 3.6 33.4 -20.5 -13.4 -42.6
12	BIHARSHARIFF-VARANASI kV PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI TOF ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH JHARSUGUDA-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA TOF ER (With SR) kV ANGUL-SRIKAKULAM DC JEYPORE-GAZUWAKA B/B IK TALCHER-KOLAR BIPOLE kV TALCHER-I/C kV BALIMELA-UPPER-SILERRU	D/C S/C S/C S/C S/C S/C S/C C S/C D/C D/C D/C D/C D/C D/C D/C D/C D/C D	501 0 0 10 0 0 817 287 972 510 50 267 0.0 0.0 0.0 713.6	0 204 0 0 0 0 ER-NR 144 269 0 0 0 89 0 ER-WR	0.0 0.0 0.0 0.7 0.0 0.0 2.8 7.6 0.7 14.0 8.0 0.0 3.6 33.8	0.9 4.2 0.0 0.0 0.0 0.0 0.0 69.2 0.0 0.0 0.0 0.0 0.5 0.0 0.5 13.4 42.6	-0.9 -4.2 0.0 0.7 0.0 0.0 -66.3 7.6 0.7 14.0 8.0 -0.5 3.6 33.4 -20.5 -13.4 -42.6
13 220 14	SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI TOF ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA TOF ER (With SR) KV ANGUL-SRIKAKULAM DC JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE KV TALCHER-I/C KV BALIMELA-UPPER-SILERRU E OF ER (With NER) BINAGURL-BONGAIGAON	S/C S/C S/C S/C S/C S/C S/C D/C D/C D/C D/C D/C D/C D/C D/C D/C D	0 0 10 0 0 817 287 972 510 50 267	204 0 0 0 0 ER-NR 144 269 0 0 89 0 ER-WR 1484.8 318.4 1880.5 58.0	0.0 0.0 0.7 0.0 0.0 2.8 7.6 0.7 14.0 8.0 0.0 3.6 33.8	4.2 0.0 0.0 0.0 0.0 69.2 0.0 0.0 0.0 0.5 0.0 0.5 20.5 13.4 42.6	-4.2 0.0 0.7 0.0 0.0 -66.3 7.6 0.7 14.0 8.0 -0.5 3.6 33.4 -20.5 -13.4 -42.6
14	SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI TOF ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA TOF ER (With SR) KV ANGUL-SRIKAKULAM DC JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE KV TALCHER-I/C KV BALIMELA-UPPER-SILERRU E OF ER (With NER) BINAGURL-BONGAIGAON	S/C S/C S/C S/C S/C S/C S/C D/C D/C	0 10 0 0 817 287 972 510 50 267	0 0 0 0 ER-NR 144 269 0 0 89 0 ER-WR	0.0 0.7 0.0 0.0 2.8 7.6 0.7 14.0 8.0 0.0 3.6 33.8	0.0 0.0 0.0 0.0 69.2 0.0 0.0 0.0 0.5 0.0 0.5 20.5 13.4 42.6	0.0 0.7 0.0 0.0 -66.3 7.6 0.7 14.0 8.0 -0.5 3.6 33.4
132	KARMANASA-SAHUPURI KARMANASA-CHANDAULI LOF ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH JHARSUGUDA-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA LOF ER (With SR) KV ANGUL-SRIKAKULAM DC JEYPORE-GAZUWAKA B/B IK TALCHER-KOLAR BIPOLE KV TALCHER-I/C KV BALIMELA-UPPER-SILERRU LOF ER (With NER) BINAGURI-BONGAIGAON	S/C S/C S/C D/C D/C	0 0 817 287 972 510 50 267 0.0 0.0 0.0 713.6	0 0 ER-NR 144 269 0 0 89 0 ER-WR 1484.8 318.4 1880.5 58.0	0.0 0.0 2.8 7.6 0.7 14.0 8.0 0.0 3.6 33.8 0.0 0.0	0.0 0.0 69.2 0.0 0.0 0.0 0.0 0.5 0.0 0.5 20.5 13.4 42.6	0.0 0.0 -66.3 7.6 0.7 14.0 8.0 -0.5 3.6 33.4 -20.5 -13.4 -42.6
16	KARMANASA-SAHUPURI KARMANASA-CHANDAULI TOF ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH JHARSUGUDA-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA TOF ER (With SR) KV ANGUL-SRIKAKULAM DC JEYPORE-GAZUWAKA B/B IK TALCHER-KOLAR BIPOLE KV TALCHER-I/C KV BALIMELA-UPPER-SILERRU TOF ER (With NER) BINAGURI-BONGAIGAON	D/C D/C Q/C D/C S/C D/C D/C D/C D/C D/C D/C D/C D/C	0 817 287 972 510 50 267 0.0 0.0 0.0 713.6	0 ER-NR 144 269 0 0 89 0 ER-WR 1484.8 318.4 1880.5 58.0	0.0 2.8 7.6 0.7 14.0 8.0 0.0 3.6 33.8 0.0 0.0	0.0 69.2 0.0 0.0 0.0 0.5 0.0 0.5 13.4 42.6	0.0 -66.3 7.6 0.7 14.0 8.0 -0.5 3.6 33.4 -20.5 -13.4 -42.6
Import/Export 18 765 19 20 400 21 22 220 23 Import/Export 24 765 25 HVI 26 LIN 27 400 28 220 Import/Export 29 400 31 220 Import/Export 32 HVI 32 HVI 32 HVI 32 HVI 33 10 10 10 10 10 10 10	Tof ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH JHARSUGUDA-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA TOF ER (With SR) kV ANGUL-SRIKAKULAM DC JEYPORE-GAZUWAKA B/B IK TALCHER-KOLAR BIPOLE kV TALCHER-I/C kV BALIMELA-UPPER-SILERRU BINAGURI-BONGAIGAON	D/C D/C Q/C D/C S/C D/C D/C D/C D/C D/C D/C	817 287 972 510 50 267 0.0 0.0 0.0 713.6	ER-NR 144 269 0 0 89 0 ER-WR 1484.8 318.4 1880.5 58.0	2.8 7.6 0.7 14.0 8.0 0.0 3.6 33.8 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.5 0.0 0.5 20.5 13.4 42.6	-66.3 7.6 0.7 14.0 8.0 -0.5 3.6 33.4 -20.5 -13.4 -42.6
18	JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH JHARSUGUDA-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA TOF ER (With SR) KV ANGUL-SRIKAKULAM JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE KV TALCHER-I/C BALIMELA-UPPER-SILERRU TOF ER (With NER) BINAGURI-BONGAIGAON	D/C Q/C D/C S/C D/C D/C D/C D/C D/C D/C D/C	287 972 510 50 267 0.0 0.0 0.0 713.6	144 269 0 0 89 0 ER-WR 1484.8 318.4 1880.5 58.0	7.6 0.7 14.0 8.0 0.0 3.6 33.8 0.0 0.0 0.0	0.0 0.0 0.0 0.5 0.0 0.5 20.5 13.4 42.6	7.6 0.7 14.0 8.0 -0.5 3.6 33.4 -20.5 -13.4 -42.6
765 19 20 400 21 22 220 23 220	NEW RANCHI-DHARAMJAIGARH JHARSUGUDA-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA Tof ER (With SR) kV ANGUL-SRIKAKULAM JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE kV TALCHER-I/C kV BALIMELA-UPPER-SILERRU BINAGURI-BONGAIGAON	D/C Q/C D/C S/C D/C D/C D/C D/C D/C D/C D/C	287 972 510 50 267 0.0 0.0 0.0 713.6	269 0 0 89 0 ER-WR 1484.8 318.4 1880.5 58.0	0.7 14.0 8.0 0.0 3.6 33.8	0.0 0.0 0.0 0.5 0.0 0.5 20.5 13.4 42.6	0.7 14.0 8.0 -0.5 3.6 33.4 -20.5 -13.4 -42.6
19 20 400 21 22 220 23 220	NEW RANCHI-DHARAMJAIGARH JHARSUGUDA-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA L of ER (With SR) L V ANGUL-SRIKAKULAM DC JEYPORE-GAZUWAKA B/B IK TALCHER-KOLAR BIPOLE L V TALCHER-I/C BALIMELA-UPPER-SILERRU L OF ER (With NER) BINAGURI-BONGAIGAON	Q/C D/C S/C D/C D/C	972 510 50 267 0.0 0.0 0.0 713.6	0 0 89 0 ER-WR 1484.8 318.4 1880.5 58.0	14.0 8.0 0.0 3.6 33.8 0.0 0.0 0.0	0.0 0.0 0.5 0.0 0.5 20.5 13.4 42.6	14.0 8.0 -0.5 3.6 33.4 -20.5 -13.4 -42.6
21 400	RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA Tof ER (With SR) kV ANGUL-SRIKAKULAM DC JEYPORE-GAZUWAKA B/B IK TALCHER-KOLAR BIPOLE kV TALCHER-I/C kV BALIMELA-UPPER-SILERRU TOF ER (With NER) BINAGURI-BONGAIGAON	D/C S/C D/C D/C D/C D/C D/C D/C	510 50 267 0.0 0.0 0.0 713.6	0 89 0 ER-WR 1484.8 318.4 1880.5 58.0	8.0 0.0 3.6 33.8 0.0 0.0 0.0	0.0 0.5 0.0 0.5 20.5 13.4 42.6	8.0 -0.5 3.6 33.4 -20.5 -13.4 -42.6
21 22 23 220	RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA t of ER (With SR) kV ANGUL-SRIKAKULAM OC JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE kV TALCHER-I/C kV BALIMELA-UPPER-SILERRU t of ER (With NER) BINAGURI-BONGAIGAON	S/C D/C D/C D/C D/C D/C D/C	50 267 0.0 0.0 0.0 713.6	89 0 ER-WR 1484.8 318.4 1880.5 58.0	0.0 3.6 33.8 0.0 0.0 0.0	0.5 0.0 0.5 20.5 13.4 42.6	-0.5 3.6 33.4 -20.5 -13.4 -42.6
23 220	BUDHIPADAR-KORBA t of ER (With SR) kV ANGUL-SRIKAKULAM DC JEYPORE-GAZUWAKA B/B IK TALCHER-KOLAR BIPOLE kV TALCHER-I/C kV BALIMELA-UPPER-SILERRU t of ER (With NER) BINAGURI-BONGAIGAON	D/C D/C D/C D/C D/C	0.0 0.0 0.0 713.6	0 ER-WR 1484.8 318.4 1880.5 58.0	3.6 33.8 0.0 0.0 0.0	0.0 0.5 20.5 13.4 42.6	3.6 33.4 -20.5 -13.4 -42.6
Import/Export 24 765 25 HVI 26 LIN 27 400 28 220 Import/Export 29 400 31 220 Import/Export 32 HVI	t of ER (With SR) kV ANGUL-SRIKAKULAM OC JEYPORE-GAZUWAKA B/B IK TALCHER-KOLAR BIPOLE kV TALCHER-I/C kV BALIMELA-UPPER-SILERRU t of ER (With NER) BINAGURI-BONGAIGAON	D/C D/C D/C D/C	0.0 0.0 0.0 713.6	1484.8 318.4 1880.5 58.0	0.0 0.0 0.0	20.5 13.4 42.6	-20.5 -13.4 -42.6
24 765	ANGUL-SRIKAKULAM DC JEYPORE-GAZUWAKA B/B IK TALCHER-KOLAR BIPOLE kV TALCHER-I/C kV BALIMELA-UPPER-SILERRU t of ER (With NER) BINAGURI-BONGAIGAON	D/C D/C D/C	0.0 0.0 713.6	318.4 1880.5 58.0	0.0	13.4 42.6	-13.4 -42.6
25	JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE KV TALCHER-I/C KV BALIMELA-UPPER-SILERRU TOP OF THE CONTROL OF TH	D/C D/C D/C	0.0 0.0 713.6	318.4 1880.5 58.0	0.0	13.4 42.6	-13.4 -42.6
26	TALCHER-KOLAR BIPOLE KV TALCHER-I/C KV BALIMELA-UPPER-SILERRU TOF ER (With NER) BINAGURI-BONGAIGAON	D/C D/C	0.0 713.6	1880.5 58.0	0.0	42.6	-42.6
27 400 28 220	kV TALCHER-I/C kV BALIMELA-UPPER-SILERRU t of ER (With NER) BINAGURI-BONGAIGAON	D/C	713.6	58.0			
28 220	kV BALIMELA-UPPER-SILERRU t of ER (With NER) BINAGURI-BONGAIGAON			-	1.2	1.0	6.7
29 400 31 220	BINAGURI-BONGAIGAON			0.0	0.0	0.0	0.0
29 400 31 220	BINAGURI-BONGAIGAON			ER-SR	0.0	76.6	-76.6
30 400 31 220 Import/Export 32 HVI	BINAGURI-BONGAIGAON	1		1 05		0.0	Т ,
31 220 Import/Export 32 HVI	ALIPURDUAR-BONGAIGAON	D/C D/C	623 464	85 104	3.6	0.0	4 4
32 HVI		D/C	12	102	0.0	0.5	0
32 HVI	1	•		ER-NER	7.2	0.5	6.8
	t of NER (With NR)		0		0.0	0.0	T 0.0
Import/Export	OC BISWANATH CHARIALI-AGRA	-	0	0 NER-NR	0.0 0.0	0.0	0.0
	t of WR (With NR)			TIEM TIM	0.0	0.0	0.0
33	CHAMPA-KURUKSHETRA	D/C	61	1318	0.0	45.6	-45.6
34 HV I	OC V'CHAL B/B	D/C	0	250	0.0	5.5	-5.5
35	APL -MHG	D/C	0	1212	0.0	20.8	-20.8
36	GWALIOR-AGRA PHAGI-GWALIOR	D/C D/C	0	1342	0.0	26.2	-26.2 -27.4
38 765		D/C D/C	0	743	0.0	27.4 10.3	-27.4
39	GWALIOR-ORAI	S/C	240	0	2.2	0.0	2.2
40	SATNA-ORAI	S/C	1838	0	0.0	40.6	-40.6
41	ZERDA-KANKROLI	S/C	465	0	9.1	0.0	9.1
42 400	ZERDA -BHINMAL	S/C	440	0	7.7	0.0	7.7
43	V'CHAL -RIHAND	S/C	960	0	22.1	0.0	22.1
44 45	RAPP-SHUJALPUR BADOD-KOTA	D/C S/C	64 90	138	0.9	0.1	-1
46	BADOD-MORAK	S/C	41	61	0.9	0.1	-0.1
47 220	MEHGAON-AURAIYA	S/C	152	0	2.8	0.0	2.8
48	MALANPUR-AURAIYA	S/C	0	0	0.0	0.0	0.0
49 132	kV GWALIOR-SAWAI MADHOPUR	S/C	0	0 WR-NR	0.0 45.1	0.0 177.4	0.0 -132.3
Import/Expor	t of WR (With SR)			,, A. 11R			
50 HVI	OC BHADRAWATI B/B	-	0	1000	0.0	14.6	-14.6
51 LIN	DIANG GIV DIGIBLING	-	0	0	0.0	0.0	0.0
52 765	kV SOLAPUR-RAICHUR WARDHA NIZAMARAD	D/C	551	1353	0.0	1.5	-1.5
53 400	WARDHA-NIZAMABAD kV KOLHAPUR-KUDGI	D/C D/C	624	2090	0.0 8.6	19.1	-19.1 8.6
55 400	KOLHAPUR-CHIKODI	D/C D/C	0	0	0.0	0.0	0.0
56 220		S/C	0	0	0.0	0.0	0.0
57	XELDEM-AMBEWADI	S/C	73	0	1.5	0.0	1.5
				WR-SR	10.1	35.2	-25.1
		ANSNATI	ONAL EX	CHANGE			
<u></u> _							11.9
58 59	BHUTAN NEPAL						-10.3