

National Load Despatch Centre पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड OWER SYSTEM ORERATION CORROBATION LIM

POWER SYSTEM OPERATION CORPORATION LIMITED

(A wholly owned subsidiary of POWERGRID)

B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report Date: 23nd Nov 2016

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., एफ3-, 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. 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 22.11.2016.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 22 नवंबर 2016 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 22nd November 2016, is available at the NLDC website.

https://posoco.in/download/23-11-16 nldc psp/?wpdmdl=7498

Thanking You.

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day Date of Reporting 23-Nov-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	38060	45192	38257	17092	2208	140809
Peak Shortage (MW)	1624	23	0	150	70	1867
Energy Met (MU)	802	1012	863	306	38	3021
Hydro Gen(MU)	106	49	33	30	11	228
Wind Gen(MU)	3	11	17			31
Solar Gen (MU)*	3.44	10.38	14.40	0.05	0.03	28

B. Frequency Profile (%)

D. I requency I forme (70)						
Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
NEW GRID	0.043	0.00	0.16	8.48	8.65	75.71	15.65
SR GRID	0.043	0.00	0.16	8.48	8.65	75.71	15.65

Max. Demand Shortage during Energy Drawal OD(+)/ Max RegionRegion Met during the maximum Demand Met (MU) Schedule (MU) UD(-) (MU) OD (MW) day (MW) (MW) Punjab 4778 0 93.5 47.7 1.3 225 Harvana 5863 0 106.5 83.6 0.0 364 321 197.9 Rajasthan 9646 83.8 383 55.5 2975 39.9 1.0 315 Delhi 0 NR UP 12217 252.7 86.4 -2.2357 Uttarakhand 1658 31.3 17.7 249 0 -0.7 HP 0 159 1370 18.0 0.4 24.0 425 117 J&K 1700 37.1 34.0 -2.5 174 Chandigarh 0 3.3 3.3 0.0 23 2857 60.9 3.5 340 Chhattisgarh -2.1 Gujarat 12731 0 72.4 360 MP 9985 0 218.0 139.6 -2.9 385 Maharashtra 19735 0 418.2 105.7 1.3 516 WR Goa 427 0 8.7 8.2 0.1 73 DD 285 0 6.3 6.3 0.0 9 DNH 694 0 15.8 16.2 -0.3 39 Essar steel 461 0 8.0 8.2 -0.2 197 Andhra Pradesh 6974 O 151.6 26.6 -0.1 801 Telangana 6616 0 135.0 65.9 1.0 337 Karnataka 9324 0 202.5 81.1 2.8 465 SR 3599 67.1 54.6 3.0 245 Kerala 0 Tamil Nadu 13917 145.7 0 300.4 0.8 620 -0.4 Pondy 6.5 6.9 Bihar 3347 150 61.9 56.9 DVC 2708 0 55.0 -37.2 -1.8 0 Jharkhand 1242 0 19.7 13.1 1.0 250 ER Odisha 3907 0 69.9 16.8 0.8 250 West Bengal 6205 0 98.2 20.2 -0.5 150 Sikkim 93 0 1.3 1.4 0.0 10 Arunachal Pradesh 112 1.5 2.0 -0.5 16 Assam 1389 14 23.5 16.7 2.7 125 0.1 139 2.1 Manipur 2.1 36 NER 3.9 218 0 4.9 31 Meghalava -0.4 0.2 Mizoram 84 4 1.4 1.2 19 104 1.8 1.8 -0.1 13 Nagaland 207 -0.4 Tripura

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	11.5	-3.7	-11.8
Day peak (MW)	525.7	-247.9	-582.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	188.3	-185.9	92.1	-93.7	-0.2	0.5
Actual(MU)	191.0	-193.2	96.1	-93.9	-0.2	-0.2
O/D/U/D(MU)	2.7	-7.2	4.0	-0.2	0.0	-0.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6342	13221	1710	1430	34	22737
State Sector	13155	16638	6534	5324	110	41761
Total	19497	29859	8244	6754	143	64498

 $[\]underline{*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॰)/

अध्यक्ष एवं प्रबंध निदेशक (पावरिग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यो के मुख्य सचिव/ऊर्जा सचिव

Le	1906 KV 1906 KV 20 KV	Line Details CR (With NR) GAYA-VARANASI SASARAM-FATEHPUR GAYA-BALIA PUSAULI B/B PUSAULI SARNATH PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BIHARSHARIFF-BALIA BHARSHARIFF-VARANASI PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI CR (With WR) JHARSUGUDA-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH BEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-RAIGARH BUDHIPADAR-ROURA CR (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-LOC BALIMELA-UPPER-SILERRU	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	Max Import (MW) 0 220 0 2 0 45 190 0 57 0 0 0 35 0 0 310 129 147 107 0 228 65 160	Max Export (MW) 392 116 361 148 157 25 284 643 201 445 0 0 0 ER-NR 998 260 41 0 0 272 100 69 0 ER-WR	Import (MU)	Export (MU) 12.6 0.0 7.0 0.0 2.5 0.0 3.3 10.5 2.8 9.3 0.1 4.2 0.0 0.0 0.0 0.0 52.3 12.4 0.0 0.0 0.0 0.0 0.0 15.8 15.8	Import=(+ve) /Export=(-ve) /Export=(-ve) for NET (MU) -12.6 -18 -7.0 0.0 -2.5 0.0 -3.3 -10.5 -2.8 -9.3 -0.1 -4.2 0.0 0.8 0.5 0.0 -49.1 -12.4 0.6 1.1 1.5 -3.5 2.1 0.3 2.6 -5.5
Le	Level Dort of F 655KV IVDC LINK 00 KV 20 KV 00 KV 00 KV 10 CT 10 C	CR (With NR) GAYA-VARANASI SASARAM-FATEHPUR GAYA-BALIA PUSAULI B/B PUSAULI-SARNATH PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BIHARSHARIFF-BALIA BIHARSHARIFF-VARANASI PUSAULI-SAHUPURI SONE NAGAR-RIHAND KARMANASA-SHUPURI KARMANASA-CHANDAULI CR (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH STERLITE-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-RAIGARH BUDHIPADAR-RAIGARH BUDHIPADAR-RAIGARH BUDHIPADAR-RORBA CR (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE	D/C S/C S/C D/C D/C S/C S/C S/C D/C D/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 D/C	0 220 0 2 0 45 190 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Export (MW) 392 116 361 148 157 25 284 643 201 445 0 0 223 0 0 ER-NR 998 260 41 0 0 272 100 69 0 ER-WR	0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	12.6 0.0 7.0 0.0 2.5 0.0 3.3 10.5 2.8 9.3 0.1 4.2 0.0 0.0 0.0 0.0 52.3 12.4 0.0 0.0 0.0 0.0 0.0 15.8	(MU) -12.6 1.8 -7.0 0.0 -2.5 0.0 -3.3 -10.5 -2.8 -9.3 -0.1 -4.2 0.0 0.8 0.5 0.0 -49.1 -12.4 0.6 1.1 1.5 -3.5 2.1 0.3 2.6 -5.5
1 2 765 3 4 HV LII 5 6 7 8 400 9 10 11 12 220 13 14 132 15 16 132 16 17 765 19 20 21 400 21 22 23 24 220 25 220 27 LII 28 400 29 220 20 20 20 20 20 20 20 20 20 20 20 20 20 2	1906 KV 1906 KV 20 KV	GAYA-VARANASI SASARAM-FATEHPUR GAYA-BALIA PUSAULI B/B PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BBHARSHARIFF-VARANASI PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI CR (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH BEUL-RAIGARH STERLITE-RAIGARH BEUL-RAIGARH BUDHIPADAR-RAIGARH	S/C S/C S/C S/C S/C S/C S/C D/C D/C D/C S/C D/C S/C S/C D/C D/C S/C D/C D/C S/C D/C D/C	220 0 2 0 45 190 0 57 0 0 0 35 0 0 310 129 147 107 0 228 65 160	116 361 148 157 25 284 643 201 445 0 223 0 0 0 ER-NR 998 260 41 0 0 272 100 69 0 ER-WR	1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 7.0 0.0 7.0 0.0 2.5 0.0 3.3 10.5 2.8 9.3 0.1 4.2 0.0 0.0 0.0 0.0 52.3 12.4 0.0 0.0 0.0 0.0 0.0 15.8	1.8 -7.0 0.0 0.0 -2.5 0.0 -3.3 -10.5 -2.8 -9.3 -0.1 -4.2 0.0 0.8 0.5 0.0 -49.1 -12.4 0.6 1.1 1.5 -3.5 2.1 0.3 2.6 -5.5
2 765 3 HV 111 5 6 7 8 400 9 10 11 12 220 13 14 15 16 17 765 19 20 21 400 21 22 23 24 220 25 HV 27 LII 28 400 29 220 mport/Expor 30 400 31 220 mport/Expor 30 400 31 220 mport/Expor	IVDC LINK 20 KV 20 KV 32 KV Ort of F 655 KV Ort of E CVDC LINK 00 KV	SASARAM-FATEHPUR GAYA-BALIA PUSAULI B/B PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BIHARSHARIFF-BALIA BIHARSHARIFF-VARANASI PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI CR (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH BEUL-RAIGARH STERLITE-RAIGARH BEUL-RAIGARH BUDHIPADAR-RAIGARH	S/C S/C S/C S/C S/C S/C S/C D/C D/C D/C S/C D/C S/C S/C D/C D/C S/C D/C D/C S/C D/C D/C	220 0 2 0 45 190 0 57 0 0 0 35 0 0 310 129 147 107 0 228 65 160	116 361 148 157 25 284 643 201 445 0 223 0 0 0 ER-NR 998 260 41 0 0 272 100 69 0 ER-WR	1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 7.0 0.0 7.0 0.0 2.5 0.0 3.3 10.5 2.8 9.3 0.1 4.2 0.0 0.0 0.0 0.0 52.3 12.4 0.0 0.0 0.0 0.0 0.0 15.8	1.8 -7.0 0.0 0.0 -2.5 0.0 -3.3 -10.5 -2.8 -9.3 -0.1 -4.2 0.0 0.8 0.5 0.0 -49.1 -12.4 0.6 1.1 1.5 -3.5 2.1 0.3 2.6 -5.5
3 4 HV LE 5 6 7 8 400 9 10 11 12 220 13 14 15 16 17 18 765 19 20 21 22 23 24 25 24 25 mport/Expor 26 HV 27 LE 28 400 29 220 mport/Expor 30 400 31 220 mport/Expor 32 HV	IVDC LINK 20 KV 20 KV 32 KV Ort of F 655 KV Ort of E CVDC LINK 00 KV	GAYA-BALIA PUSAULI B/B PUSAULI-SARNATH PUSAULI-SARNATH PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BARH-GORAKHPUR BIHARSHARIFF-VARANASI PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI CR (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH STERLITE-RAIGARH STERLITE-RAIGARH BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA CR (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE TALCHER-L/C	S/C S/C S/C S/C D/C D/C S/C D/C S/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	0 2 0 45 190 0 57 0 0 0 0 35 0 0 0 35 0 0 0 310 129 147 107 0 0 228 65 160	361 148 157 25 284 643 201 445 0 0 223 0 0 ER-NR 998 260 41 0 0 272 100 69 0 ER-WR	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	7.0 0.0 0.0 2.5 0.0 3.3 10.5 2.8 9.3 0.1 4.2 0.0 0.0 0.0 0.0 0.0 52.3 12.4 0.0 0.0 0.0 0.0 0.0 15.8	-7.0 0.0 -2.5 0.0 -3.3 -10.5 -2.8 -9.3 -0.1 -4.2 0.0 0.8 0.5 0.0 -49.1 -12.4 0.6 1.1 1.5 -3.5 2.1 0.3 2.6 -5.5
4 HV. 5 6 7 8 400 9 10 11 12 220 13 14 132 15 16 17 18 765 19 20 21 400 21 22 23 24 25 220 25 26 HV. 27 LII 28 400 29 220 20 21 20 20 21 21 22 23 24 220 25 HV. 27 LII 28 400 29 220 20 20 20 21 21 22 23 24 25 25 26 HV. 27 28 29 20 20 20 20 20 20 20 20 20 20 21 21 22 23 24 25 25 26 27 28 400 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	20 KV 21 KV 220 KV 220 KV 24 KV 25 KV 26 KV 27 KV 28 K	PUSAULI B/B PUSAULI-SARNATH PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BARH-GORAKHPUR BIHARSHARIFF-VARANASI PUSAULI-SAHUPURI SONE NAGAR-RIHAND KARMANASA-SHUPURI KARMANASA-CHANDAULI CR (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA CR (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE	S/C S/C S/C D/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	2 0 45 190 0 57 0 0 0 0 35 0 0 0 310 129 147 107 0 228 65 160	148 157 25 284 643 201 445 0 0 0 0 ER-NR 998 260 41 0 0 272 100 69 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 2.5 0.0 3.3 10.5 2.8 9.3 0.1 4.2 0.0 0.0 0.0 0.0 52.3 12.4 0.0 0.0 0.0 0.0 15.8	0.0 -2.5 -0.0 -3.3 -10.5 -2.8 -9.3 -0.1 -4.2 -0.0 -8 -0.5 -0.0 -49.1 -12.4 -15 -3.5 -1.1 -3.5 -3.5 -5.5
S	20 KV 21 KV 220 KV 220 KV 24 KV 25 KV 26 KV 27 KV 28 K	PUSAULI-SARNATH PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BARH-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 BUDHIPADAR-RAIGARH BUDHIP	S/C S/C D/C D/C S/C D/C S/C S/C D/C S/C D/C S/C D/C D/C S/C D/C D/C	0 45 190 0 57 0 0 0 0 35 0 0 35 0 0 0 310 129 147 107 0 0 228 65 160	157 25 284 643 201 445 0 0 223 0 0 ER-NR 998 260 41 0 0 272 100 69 0 ER-WR	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.5 0.0 3.3 10.5 2.8 9.3 0.1 4.2 0.0 0.0 0.0 52.3 12.4 0.0 0.0 0.0 0.0 0.0 15.8	-2.5 0.0 -3.3 -10.5 -2.8 -9.3 -0.1 -4.2 0.0 0.8 0.5 0.0 -49.1 -12.4 0.6 1.1 1.5 -3.5 2.1 0.3 2.6 -5.5
6 7 8 9 10 11 12 220 13 14 15 16 17 765 19 20 21 22 23 24 25 24 25 27 28 400 29 21 28 400 29 220 mport/Expor 30 400 31 220 mport/Expor 30 400 31 220 mport/Expor	20 KV 220 KV	PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BARH-GORAKHPUR BIHARSHARIFF-VARANASI PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI CR (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH BEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUL-RAIGARH BUDHIPADAR-RAIGARH BUDHIPADAR	S/C D/C D/C S/C D/C S/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	45 190 0 57 0 0 0 0 0 35 0 0 310 129 147 107 0 228 65 160	25 284 643 201 445 0 0 223 0 0 0 ER-NR 998 260 41 0 0 272 100 69 0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 3.3 10.5 2.8 9.3 0.1 4.2 0.0 0.0 0.0 0.0 52.3 12.4 0.0 0.0 0.0 0.0 0.0 15.8	0.0 -3.3 -10.5 -2.8 -9.3 -0.1 -4.2 -0.0 -8 -0.5 -0.0 -49.1 -12.4 -15 -3.5 -3.5 -5.5 -15.8
7 8 9 10 11 12 220 13 14 15 16 17 765 19 20 21 22 23 24 25 25 26 400 27 LII 28 400 29 220 mport/Expor 30 400 31 220 mport/Expor 30 400 31 220 mport/Expor	220 KV	MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA BARH-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-BHARAMJAIGARH STERLITE-RAIGARH STERLITE-RAIGARH BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA ER (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE	D/C Q/C D/C D/C S/C D/C S/C D/C S/C D/C S/C D/C D/C S/C D/C D/C	190 0 57 0 0 0 0 0 35 0 0 310 129 147 107 0 228 65 160	284 643 201 445 0 0 0 0 0 ER-NR 998 260 41 0 0 272 100 69 0 ER-WR	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.3 10.5 2.8 9.3 0.1 4.2 0.0 0.0 0.0 52.3 12.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-3.3 -10.5 -2.8 -9.3 -0.1 -4.2 0.0 0.8 0.5 0.0 -49.1 -12.4 0.6 1.1 1.5 -3.5 2.1 0.3 2.6 -5.5
8 400 9 10 11 12 220 13 14 15 16 17 765 19 20 400 21 22 23 24 220 25 220 26 HV 27 LII 28 400 29 220 20 20 21 20 21 22 23 24 25 220 25 HV 27 LII 28 400 29 220 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 2	220 KV	PATNA-BALIA BIHARSHARIFF-BALIA BARH-GORAKHPUR BIHARSHARIFF-VARANASI PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI CR (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 CR (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE	Q/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	0 57 0 0 0 0 0 35 0 0 310 129 147 107 0 228 65 160	643 201 445 0 223 0 0 0 0 ER-NR 998 260 41 0 0 272 100 69 0 ER-WR	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 0.5 0.0 0.0 0.6 1.1 1.5 0.0 2.1 0.3 2.6 10.3	10.5 2.8 9.3 0.1 4.2 0.0 0.0 0.0 0.0 52.3 12.4 0.0 0.0 0.0 0.0 0.0 15.8	-10.5 -2.8 -9.3 -0.1 -0.1 -0.0 0.8 0.5 0.0 -49.1 -12.4 0.6 1.1 2.1 1.5 -3.5 2.1 0.3 -5.5
9 10 11 12 220 13 14 15 16 17 765 19 20 21 22 23 24 25 24 25 220 mport/Expor 26 HV: 27 Lift 28 400 29 220 mport/Expor 30 400 31 220 mport/Expor 30 400 31 220 mport/Expor	220 KV	BIHARSHARIFF-BALIA BARH-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 BIEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA ER (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-I/C	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 D/C D/C D/C D/C D/C D/C D	0 0 0 0 35 0 0 310 129 147 107 0 228 65 160	998 260 41 0 0 272 100 69 0 ER-WR	0.0 0.0 0.0 0.0 0.8 0.5 0.0 0.6 1.1 2.1 1.5 0.0 2.1 0.3 2.6 10.3	9.3 0.1 4.2 0.0 0.0 0.0 0.0 52.3 12.4 0.0 0.0 0.0 0.0 0.0 0.0 15.8	-9.3 -0.1 -4.2 0.0 0.8 0.5 0.0 -49.1 -12.4 0.6 1.1 2.1 1.5 -3.5 2.1 0.3 2.6 -5.5
11 12 220 13 14 15 16 nport/Expor 17 18 19 20 21 22 23 24 25 220 23 24 25 24 25 20 21 22 23 24 25 20 21 22 23 24 25 20 21 22 23 24 25 20 21 22 23 24 25 20 27 LII 28 400 29 220 nport/Expor 30 40 31 220 nport/Expor 30 400 31 220 nport/Expor 30 400 31 220 nport/Expor	32 KV Opt of F 55 KV 00 KV opt of F volume vol	BIHARSHARIFF-VARANASI PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI CR (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH BEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA CR (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE	D/C S/C S/C S/C S/C S/C S/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 D/C D	0 0 0 35 0 0 310 129 147 107 0 228 65 160	0 223 0 0 0 0 ER-NR 998 260 41 0 0 272 100 69 0 ER-WR	0.0 0.0 0.8 0.5 0.0 0.0 3.2 0.0 0.6 1.1 2.1 1.5 0.0 2.1 0.3 2.6 10.3	0.1 4.2 0.0 0.0 0.0 0.0 52.3 12.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 15.8	-0.1 -4.2 0.0 0.8 0.5 0.0 -49.1 -12.4 0.6 1.1 1.5 -3.5 2.1 0.3 2.6 -5.5
12 220 13 14 132 16 132 17 765 19 20 400 21 22 23 24 220 25 400 27 L11 28 400 29 220 mport/Expor 30 400 31 220 mport/Expor 32 HV mport/Expor	32 KV Opt of F 55 KV 00 KV opt of F volume vol	PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI IR (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH BEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA IR (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE	S/C D/C S/C S/C S/C S/C D/C S/C D/C D/C S/C D/C D/C	0 0 35 0 0 310 129 147 107 0 228 65 160	223 0 0 0 0 ER-NR 998 260 41 0 0 272 100 69 0 ER-WR	0.0 0.0 0.8 0.5 0.0 0.0 3.2 0.0 0.6 1.1 1.5 0.0 2.1 0.3 2.6 10.3	4.2 0.0 0.0 0.0 0.0 52.3 12.4 0.0 0.0 0.0 0.0 0.0 0.0 15.8	-4.2 0.0 0.8 0.5 0.0 -49.1 -12.4 0.6 1.1 1.5 -3.5 2.1 0.3 2.6 -5.5
13 14 15 16 mport/Expor 17 18 765 19 20 21 22 23 24 25 24 25 mport/Expor 26 HV: 28 400 29 220 mport/Expor 30 400 31 220 mport/Expor 30 400 31 220 mport/Expor 30 HV: mport/Expor	32 KV Opt of F 55 KV 00 KV opt of F volume vol	SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI CR (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 CR (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE	S/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 D/C S/C D/C D/C S/C D/C D/C S/C D/C D/C	0 35 0 0 310 129 147 107 0 228 65 160	0 0 0 0 ER-NR 998 260 41 0 0 272 100 69 0 ER-WR	0.0 0.8 0.5 0.0 0.0 3.2 0.0 0.6 1.1 1.5 0.0 2.1 0.3 2.6 10.3	0.0 0.0 0.0 0.0 0.0 52.3 12.4 0.0 0.0 0.0 0.0 3.5 0.0 0.0 15.8	0.0 0.8 0.5 0.0 0.9 -49.1 -12.4 0.6 1.1 1.5 -3.5 2.1 0.3 2.6 -5.5
132 132 132 134 135 136 137 138 140 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139 139	ort of F 65 KV 00 KV 20 KV Dort of F EVDC LINK 00 KV	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 ER (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE	S/C S/C S/C S/C S/C S/C D/C S/C S/C S/C D/C S/C D/C D/C S/C D/C D/C S/C D/C D/C	35 0 0 310 129 147 107 0 228 65 160	0 0 0 ER-NR 998 260 41 0 0 272 100 69 0 ER-WR	0.8 0.5 0.0 3.2 0.0 0.6 1.1 2.1 1.5 0.0 2.1 0.3 2.6 10.3	0.0 0.0 0.0 52.3 12.4 0.0 0.0 0.0 0.0 3.5 0.0 0.0 15.8	0.8 0.5 0.0 -49.1 -12.4 0.6 1.1 2.1 1.5 -3.5 2.1 0.3 2.6 -5.5
15 16 mport/Expor 17 18 765 19 20 21 22 23 24 25 24 25 220 mport/Expor 26 Htv. 27 Lift 28 400 29 220 mport/Expor 30 400 31 220 mport/Expor 32 Htv.	ort of F 65 KV 00 KV 20 KV Dort of F EVDC LINK 00 KV	KARMANASA-SAHUPURI KARMANASA-CHANDAULI CR (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 CR (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-ICC	S/C S/C S/C D/C D/C S/C S/C S/C D/C D/C D/C S/C D/C D/C	0 0 310 129 147 107 0 228 65 160	0 0 ER-NR 998 260 41 0 0 272 100 69 0 ER-WR	0.5 0.0 3.2 0.0 0.6 1.1 2.1 1.5 0.0 2.1 0.3 2.6 10.3	0.0 0.0 52.3 12.4 0.0 0.0 0.0 0.0 3.5 0.0 0.0 15.8	0.5 0.0 -49.1 -12.4 0.6 1.1 1.5 -3.5 2.1 0.3 2.6 -5.5
16 mport/Expor 17 18 765 19 20 21 22 23 24 25 22 25 26 400 27 LII 28 400 29 220 29 220 29 220 29 220 29 20 21 28 400 29 20 30 400 31 220 20 20 20 20 20 20 20 20 20 20 20 20	00 KV 20 KV Dort of F	KARMANASA-CHANDAULI ER (With WR) JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH BIBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA ER (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE	S/C D/C D/C S/C S/C S/C S/C D/C D/C	0 310 129 147 107 0 228 65 160	0 ER-NR 998 260 41 0 0 272 100 69 0 ER-WR	0.0 3.2 0.0 0.6 1.1 2.1 1.5 0.0 2.1 0.3 2.6 10.3	0.0 52.3 12.4 0.0 0.0 0.0 0.0 3.5 0.0 0.0 15.8	0.0 -49.1 -12.4 0.6 1.1 2.1 1.5 -3.5 2.1 0.3 2.6 -5.5
mport/Expor 17	00 KV 20 KV Dort of F	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 ER (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-KOLAR BIPOLE	D/C D/C S/C S/C S/C D/C D/C	0 310 129 147 107 0 228 65 160	998 260 41 0 0 272 100 69 0 ER-WR	3.2 0.0 0.6 1.1 2.1 1.5 0.0 2.1 0.3 2.6 10.3	52.3 12.4 0.0 0.0 0.0 0.0 3.5 0.0 0.0 15.8	-49.1 -12.4 0.6 1.1 2.1 1.5 -3.5 2.1 0.3 2.6 -5.5
17 765 19 20 400 21 400 22 23 24 220 25 25 27 L11 28 400 29 220 29 220 20 20 20 20 20 20 20 20 20 20 20 20 20 2	00 KV 20 KV Dort of F	JHARSUGUDA-DHARAMJAIGARH S/C NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA ZR (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-I/C	D/C S/C S/C S/C D/C D/C D/C D/C D/C D/C D/C	310 129 147 107 0 228 65 160	260 41 0 0 272 100 69 0 ER-WR	0.6 1.1 2.1 1.5 0.0 2.1 0.3 2.6 10.3	0.0 0.0 0.0 0.0 3.5 0.0 0.0 15.8	0.6 1.1 2.1 1.5 -3.5 2.1 0.3 2.6 -5.5
18 765 19 20 400 21 22 23 23 24 220 25 Paport/Expor 26 HV 27 LII 28 400 29 220 Paport/Expor 30 400 31 220 Paport/Expor 32 HV Paport/Expor 32 HV	20 KV 20 KV DOTT OF F VDC LINK 00 KV	NEW RANCHI-DHARAMJAIGARH ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA ER (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-I/C	D/C S/C S/C S/C D/C D/C D/C D/C D/C D/C D/C	310 129 147 107 0 228 65 160	260 41 0 0 272 100 69 0 ER-WR	0.6 1.1 2.1 1.5 0.0 2.1 0.3 2.6 10.3	0.0 0.0 0.0 0.0 3.5 0.0 0.0 15.8	0.6 1.1 2.1 1.5 -3.5 2.1 0.3 2.6 -5.5
18 19 20 21 22 23 24 25 22 27 28 29 20 27 28 400 29 29 20 29 20 20 20 20 20 20 20 20 21 22 23 23 24 25 25 20 27 28 400 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	20 KV 20 KV DOTT OF F VDC LINK 00 KV	ROURKELA - RAIGARH (SEL LILO BYPASS) JHARSUGUDA-RAIGARH IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA ER (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE	S/C S/C S/C D/C D/C D/C D/C D/C D/C	129 147 107 0 228 65 160	41 0 0 272 100 69 0 ER-WR	1.1 2.1 1.5 0.0 2.1 0.3 2.6 10.3	0.0 0.0 0.0 3.5 0.0 0.0 15.8	1.1 2.1 1.5 -3.5 2.1 0.3 2.6 -5.5
20 400 21 22 23 24 25 220 mport/Expor 26 HV 27 LI 28 400 29 220 mport/Expor 30 400 31 220 mport/Expor 32 HV	20 KV ort of E VDC LINK 00 KV	BYPASS) JHARSUGUDA-RAIGARH IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA CR (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-I/C	S/C S/C D/C D/C S/C D/C D/C S/C D/C	147 107 0 228 65 160	0 0 272 100 69 0 ER-WR	2.1 1.5 0.0 2.1 0.3 2.6 10.3	0.0 0.0 3.5 0.0 0.0 0.0 15.8	2.1 1.5 -3.5 2.1 0.3 2.6 -5.5
21 22 23 24 220 25 220 26 HV. 27 LII 28 400 29 220 20 20 20 20 20 20 20 20 20 20 20 20	20 KV ort of E VDC LINK 00 KV	JHARSUGUDA-RAIGARH IBEUL-RAIGARH STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA CR (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-I/C	S/C D/C D/C S/C D/C S/C D/C	107 0 228 65 160	0 272 100 69 0 ER-WR	1.5 0.0 2.1 0.3 2.6 10.3	0.0 3.5 0.0 0.0 0.0 15.8	1.5 -3.5 2.1 0.3 2.6 -5.5
22 23 24 220 25 220 26 HV. 27 LII. 28 400 29 220 20 20 20 31 220 20 20 20 20 20 20 20 20 20 20 20 20	20 KV ort of E VDC LINK 00 KV	STERLITE-RAIGARH RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA ER (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-I/C	D/C D/C S/C D/C D/C	0 228 65 160	272 100 69 0 ER-WR	0.0 2.1 0.3 2.6 10.3	3.5 0.0 0.0 0.0 15.8	-3.5 2.1 0.3 2.6 -5.5
23 24 25 220 mport/Expor 26 HV. 27 LI 28 400 29 220 mport/Expor 30 400 31 220 mport/Expor 32 HV	ort of E VDC LINK	RANCHI-SIPAT BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA ER (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-I/C	D/C S/C D/C	228 65 160	100 69 0 ER-WR	2.1 0.3 2.6 10.3	0.0 0.0 0.0 15.8	2.1 0.3 2.6 -5.5
24 220 mport/Expor 26 HV. 27 LII. 28 400 29 220 mport/Expor 30 400 31 220 mport/Expor 32 HV mport/Expor	ort of E VDC LINK	BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA ER (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-I/C	S/C D/C	65 160 0.0	69 0 ER-WR 330	0.3 2.6 10.3	0.0 0.0 15.8	0.3 2.6 -5.5
25 220 mport/Expor 26 HV. 27 Lil 28 400 29 220 mport/Expor 30 400 31 220 mport/Expor 32 HV mport/Expor mport/Expor 32 HV	ort of E VDC LINK	BUDHIPADAR-KORBA ER (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-I/C	D/C	0.0	0 ER-WR	2.6 10.3	0.0 15.8	2.6 -5.5
26	VDC LINK 00 KV	ER (With SR) JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-I/C	D/C	0.0	ER-WR 330	0.0	15.8 15.8	-5.5 -15.8
26 HV 27 LII 28 400 29 220 mport/Expor 30 400 31 220 mport/Expor 32 HV	VDC LINK 00 KV	JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-I/C			330	0.0	15.8	-15.8
26 HV 27 LII 28 400 29 220 mport/Expor 30 400 31 220 mport/Expor 32 HV	VDC LINK 00 KV	JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE TALCHER-I/C						1
28 400 29 220 mport/Expor 30 400 31 220 mport/Expor 32 HV mport/Expor	00 KV	TALCHER-I/C	D/C	0.0	2264		46.1	-46.1
29 220 mport/Expor 30 400 31 220 mport/Expor 32 HV mport/Expor						0.0	40.1	
nport/Expor 30 400 31 220 220 120 32 HV nport/Expor mport/Expor 400 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100	20 1/37	RALIMEL A-HPPER-SH ERRH		0.0	1133	0.0	17.0	-17.0
30 400 31 220 mport/Expor 32 HV	20 KV	B/IEIWEE/1-CITER-SIEERRO	S/C	0	0	0.0	0.0	0.0
30 400 31 220 mport/Expor 32 HV		ED (WILL NED)			ER-SR	0.0	61.9	-61.9
mport/Expor 32 Hv mport/Expor		BINAGURI-BONGAIGAON	Q/C	0	1001	0.0	14.4	-14
mport/Expor 32 HV mport/Expor		BIRPARA-SALAKATI	D/C	0	0	0.0	1.8	-14
32 HV mport/Expor	20 11 7	DIKI MUTUMINI	D/C	Ü	ER-NER	0.0	16.2	-16.2
nport/Expor	ort of N	NR (With NER)				•		
	IVDC	BISWANATH CHARIALI-AGRA	-	0	0	15.9	0.0	15.9
					NR-NER	15.9	0.0	15.9
33 HV			T	100		5 0	0.0	
24 113		V'CHAL B/B	D/C	400	0	7.8	0.0 40.9	7.8
	IVDC 65 KV	APL -MHG GWALIOR-AGRA	D/C D/C	0	2145 2424	0.0	48.7	-40.9 -48.7
		PHAGI-GWALIOR	D/C	0	2020	0.0	38.9	-48.7
		ZERDA-KANKROLI	S/C	140	111	0.2	0.0	0.2
		ZERDA -BHINMAL	S/C	138	288	0.0	0.8	-0.8
39 400	00 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
		RAPP-SHUJALPUR	D/C	0	400	0	7	-7
41		BADOD-KOTA	S/C	91	0	1.4	0.0	1.4
42 220	20 KV	BADOD-MORAK	S/C	30	21	0.3	0.1	0.2
43		MEHGAON-AURAIYA	S/C	82 37	0	1.5 0.6	0.0	1.5 0.6
44 45 132	32KV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	S/C S/C	0	0	0.6	0.0	0.6
.5 152		ON DITTE MADIOTOR	5/-0		WR-NR	11.7	136.4	-124.6
nport/Expor	ort of V	VR (With SR)						
		BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0
47 LI	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
	65 KV	SOLAPUR-RAICHUR	D/C	0	2397	0.0	46.1	-46.1
		KOLHAPUR-KUDGI	D/C	0	490	0.0	7.8	-7.8
50 51 220		KOLHAPUR-CHIKODI PONDA AMBEWADI	D/C S/C	0	0	0.0	0.0	0.0
51 220	LUAV	PONDA-AMBEWADI XELDEM-AMBEWADI	S/C S/C	77	0	1.6	0.0	1.6
J-2			5/-C	11	WR-SR	1.6	77.8	-76.2
		TD A NICK	IATIONA	L EXCHAN		1.0	,,,,	-70.2
54			ATTONA	L LACHAN	JL			
55	1	BHUTAN						