

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, क़तुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

To,

दिनांक: 06th April 2022

- कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14, गोल्फ क्लब रोड, कोलकाता 700033
 Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, 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. कार्यकारी निदेशक , द .क्षे .भा .प्रे .के.,29 , रेस कोर्स क्रॉस रोड, बंगलुरु –560009 Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 05.04.2022.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 05-अप्रैल-2022 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 05rd April 2022, is available at the NLDC website.

धन्यवाद,

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



Report for previous day A. Power Supply Position at All India and Regional level Date of Reporting: 06-Apr-2022 NR WR SR ER NER TOTAL Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs) 47853 2652 Peak Shortage (MW) 1898 750 600 1478 4726 Energy Met (MU) 1152 1500 1218 520 46 4436 177 71 110 82 23 463 Wind Gen (MU) 26 103.27 4.51 0.22 Solar Gen (MU)* 100.47 51.24 260 Energy Shortage (MU) 15.69 3.02 14.04 10.20 0.01 42.96 Maximum Demand Met During the Day (MW) (From NLDC SCADA) 54714 66005 58219 23657 193724 2738 Time Of Maximum Demand Met (From NLDC SCADA) 20:15 10:00 20:46 B. Frequency Profile (%) < 49.7 49.7 - 49.8 49.8 - 49.9 49.9 - 50.05 FVI < 49.9 > 50.05 Region All India 54,67 C. Power Supply Position in States Max.Demand)D(+)/UD(-Shortage during Energy Met Drawal Max OD Energy Region States Met during the maximu Schedule (MU) (MU) (MW) (MU) dav(MW) Demand(MW) (MU) 142.2 Punjab -1.5 Haryana 6794 141.7 90.3 -1.6 163 3.48 Rajasthan 12208 253.7 57.4 0.00 -1.1279 Delhi 4590 95.7 84.1 194 NR 395.7 129.7 UP 20777 260 -0.4 437 1.27 Uttarakhand 1918 24.8 12.3 34.6 нР 1604 0 31.2 0.1 361 0.00 J&K(UT) & Ladakh(UT) 250 46.8 4.65 2176 204 1.4 Chandigarh 4.6 4.9 -0.3 14 0.00 Chhattisgarh 5242 0 125.8 58.0 2.0 276 0.03 Gujarat 19538 MP 11706 607 262.7 136.8 590 2.57 wr Maharashtra 623.3 182.8 634 -2.9 0.42 28489 0 Goa 672 14.4 14.3 -0.1 0.00 34 DD 349 0 7.9 7.6 0.3 0.00DNH 851 19.6 19.1 0.00 AMNSIL 765 0 15.5 9.8 -0.8 255 0.00 11770 Andhra Pradesh 218.7 82.8 13.47 Telangana 13187 266.0 149.4 0.5 0.04 SR 919 14199 0 270.9 87.6 0.3 0.53 Karnataka Kerala Tamil Nadu 16647 367.1 246.5 0.8 992 0.00 Puducherry 429 9.4 107.9 -49.9 Bihar 5502 1126 110.1 -3.0 355 6.50 DVC 3620 79.5 -0.1 243 0.00Jharkhand 1542 34.7 0.8 165 3.70 ER Odisha 5244 0 109.3 48.2 -2.3 305 0.00 West Bengal 8832 185.0 Sikkim 111 1.8 1.8 0.0 0.00 Arunachal Pradesh 133 2.3 0 2.3 -0.1 24 0.00 Assam 1563 0 26.3 20.7 0.0 113 0.00 Manipur 196 0 2.6 0.1 0.00 NER 5.8 0.00 Meghalaya Mizoram 110 1.7 1.8 -0.3 16 0.00 0.2 0.01 **Nagaland** 131

	D. Transnational Exchanges (MU) - Import(+v	e)/Export(-ve)
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	Bhutan	Nepal	Bangladesh
Actual (MU)	17.3	-9.2	-26.1
Day Peak (MW)	994.0	-650.3	-1107.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	68.7	-155.2	227.6	-128.2	-12.9	0.0
Actual(MU)	45.5	-138.3	228.8	-126.4	-14.7	-5.1
O/D/U/D(MU)	-23.3	16.9	1.3	1.8	-1.8	-5.1

1.060

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	3114	13262	6318	1870	611	25174	43
State Sector	8659	13279	7402	3398	11	32748	57
Total	11773	26540	13720	5268	622	57922	100
	11	200 10	10720	2200	V	U.,,	100

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	730	1448	631	599	17	3424	75
Lignite	17	13	54	0	0	83	2
Hydro	177	71	110	82	23	463	10
Nuclear	31	33	46	0	0	110	2
Gas, Naptha & Diesel	22	5	8	0	28	63	1
RES (Wind, Solar, Biomass & Others)	147	99	157	5	0	407	9
Total	1126	1668	1005	686	67	4552	100
			,		,		-
Share of RES in total generation (%)	13.06	5.94	15.57	0.66	0.33	8.95	
Share of Non-foscil fuel (Hydro Nuclear and DES) in total generation(%)	21.60	12.14	21.07	12.65	24.46	21.54	1

H. All India Demand Diversity Factor Based on Regional Max Demands

Based on State Max Demands	1.095
Discovity factor - Some of anxious I as state as animous James Ja / All India as	

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

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 06-Apr-2022

Single Company Compa	AGRA 2 0 0 0 0.0 0.0 0.0 0.0 ASI - 3 0 0 0.0 0.0 0.0 0.0 ASI 2 0 513 0.0 7.2 7.2 TEHTUR 1 0 441 0.0 8.4 8.4 8.4 - 8.4 8.4 - 8.4 1 1 12 478 0.0 5.7 5.7 ANANSI 1 0 123 0.0 2.0 2.0 2.0 AHABAD 1 1 61 116 0.0 0.7 2.2 9.2 AHABAD 1 1 61 116 0.0 0.7 2.2 9.2 AHABAD 2 2 70 778 0.0 9.2 9.2 9.2 BALIA 2 0 552 0.0 9.3 9.3 BALIA 2 1 158 346 0.0 9.9 9.9 9.9 FF-BALIA 2 158 346 0.0 3.2 3.2 BALIA 2 158 346 0.0 3.2 3.2 BARANASI 2 5.6 249 0.0 0.0 0.0 FF-VARNASI 2 5.6 249 0.0 2.9 2.2 9.2 ARANASA 1 0 196 0.0 2.5 2.2 2.5 BREHHAND 1 0 0 0 0.0 0.0 CHANDAULI 1 0 0 0 0.0 0.0 0.0 0.0 0.0 CHANDAULI 1 0 0 0 0.0 0.0 0.0 0.0 0.0 CHANDAULI 1 0 0 0 0.0 0.0 0.0 0.0 0.0 CHANDAULI 1 0 0 0 0.0 0.0 0.0 0.0 0.0 0.0 CHANDAULI 1 0 0 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
No.	AGRA 2 2 0 0 0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 0
1	ASI
A	ASI
4 765 KV SASARAM-FATEHPUR 1 0 441 0.0 8.4	TEHPUR 1 0 441 0,0 8.4 -8.4
Total Color	1
6 400 kV PUSAULI-VARANASI 1 0 123 0.0 2.0 7 400 kV PUSAULI-ALLAHBAD 1 161 116 0.0 0.7 8 400 kV PUSAULI-ALLAHBAD 1 161 116 0.0 0.7 8 400 kV PATNABALIA 2 2 0 552 0.0 9.3 10 400 kV PATNABALIA 2 0 604 0.0 9.3 11 400 kV PATNABALIA 2 158 346 0.0 3.2 12 400 kV BHARSHARIFFABALIA 2 158 346 0.0 0.3 13 400 kV BHARSHARIFFABALIA 2 158 346 0.0 0.0 0.0 14 220 kV SAHUPURI-KARAMNASI 2 56 249 0.0 2.9 14 220 kV SAHUPURI-KARAMNASI 1 0 196 0.0 2.5 15 132 kV NAGKRINTARI-RIMAD 1 0 0 0.0 0.0 16 132 kV KARMANASA-AHPURI 1 0 0 0.0 0.0 18 132 kV KARMANASA-CHANDAULI 1 0 0 0.0 0.0 18 132 kV KARMANASA-CHANDAULI 1 0 0 0.0 0.0 10 17 132 kV KARMANASA-CHANDAULI 1 0 0 0.0 0.0 10 1 765 kV JHARSUGUDA-DHARAMJAIGARH 4 629 0 24.2 0.0 2 765 kV NEW RANCHI-DHARAMJAIGARH 2 438 1091 0.0 10.4 3 765 kV HBARSUGUDA-DURG 2 0 314 0.0 14.6 4 400 kV HBARSUGUDA-DURG 2 0 314 0.0 14.6 4 400 kV HBARSUGUDA-DURG 2 0 3.12 0.0 7.8 5 400 kV HBARSUGUDA-DURG 2 0 314 0.0 4.4 6 220 kV BUDHIPADAR-KAGRAH 1 0 164 0.0 3.2 7 220 kV BUDHIPADAR-KAGRAH 1 0 164 0.0 3.2 7 220 kV BUDHIPADAR-KAGRAH 1 0 164 0.0 3.2 1 HVDC LEFER-BUCA REPOLE 2 0 2477 0.0 46.3 3 765 kV JHARSUGUBA-DHAGA 2 149 0 2.4 0.0 1 HVDC TALCHER-BUCA 2 0 2477 0.0 0.0 2 400 kV ALIPURDUAR-BALAKOM 2 0 2477 0.0 0.0 2 400 kV ALIPURDUAR-BALAKOM 2 0 2477 0.0 0.0 1 HVDC CHAMPA-KURUSHETRA 2 478 0 5.1 0.0 1 HVDC CHAMPA-KURUSHETRA 2 0 1810 0.0 30.3	ANASI
7	AHABAD
8	R-GORAKHPUR 2 270 778 0.0 9.2 -9.2 -9.2
9 400 kV PATNA-BALIA 2 0 552 0.0 9.3 10 400 kV NABATPUR-BALIA 2 0 604 0.0 9.9 11 400 kV BIHARSHARIF-BALIA 2 158 346 0.0 3.2 12 400 kV BIHARSHARIF-BALIA 2 158 346 0.0 0.0 13 400 kV BIHARSHARIF-VARANASI 2 56 249 0.0 0.0 14 220 kV SAHLPURL-RARAMNASA 1 0 196 0.0 2.5 15 132 kV SARLAR UNTARE-HINADD 1 0 0 0.0 0.0 16 132 kV GARWAH-RHAND 1 25 0 0.5 0.0 17 132 kV KARAMANSA-SHAPPURI 1 0 0 0.0 0.0 0.0 18 132 kV KARAMANSA-SHAPPURI 1 0 0 0 0.0 0.0 10 176 kV JHARSIGUDA-DHARAMIAIGARH 4 629 0 24.2 0.0 2 765 kV MERSIGUDA-DURG 2 0 314 0.0 14.6 4 400 kV HARSIGUDA-RAIGARH 4 0 0 164 0.0 3.2 5 400 kV RANCHI-SIPAT 2 52 327 0.0 4.4 6 220 kV BUDHIPADAR-RAIGARH 1 0 164 0.0 3.2 7 220 kV BUDHIPADAR-RAIGARH 1 0 164 0.0 3.2 7 220 kV BUDHIPADAR-RAIGARH 1 0 164 0.0 3.2 7 220 kV BUDHIPADAR-RAIGARH 1 0 164 0.0 3.2 7 220 kV BUDHIPADAR-RAIGARH 1 0 164 0.0 3.2 1 HVDC JEYPORE-GAZUWAKA B/B 2 0 711 0.0 14.1 1 HVDC JEYPORE-GAZUWAKA B/B 2 0 711 0.0 11.1 1 400 kV TALCHER-JO 2 415 632 0.0 117.1 Import/Export of ER (With NR) ER-NR 0.5 0.0 Import/Export of ER (With NR) ER-NR 0.0 0.0 1 HVDC BISWANATH CHARIALL-AGRA 2 478 0 10.9 0.0 1 HVDC BISWANATH CHARIALL-AGRA 2 478 0 10.9 0.0 1 HVDC BISWANATH CHARIALL-AGRA 2 478 0 10.9 0.0 1 HVDC BISWANATH CHARIALL-AGRA 2 478 0 10.9 0.0 1 HVDC CAMPA-KURUKSHETRA 2 0 1810 0.0 30.3	SALIA
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12 400 kV MOTHARI-GORAKHPUR 2 0 0 0.0 0.0 13 400 kV BIRASHARIFF YARANASI 2 56 249 0.0 2.9 14 220 kV SAHUPURI-KARAMINASA 1 0 196 0.0 0.0 0.0 15 132 kV SARQAR UNTARI-RIHAND 1 2.5 0 0.5 0.0 16 132 kV GARWAH-RIHAND 1 2.5 0 0.5 0.0 17 132 kV KARMANASA SAHUPURI 1 0 0 0 0.0 0.0 18 132 kV KARMANASA SAHUPURI 1 0 0 0 0.0 0.0 19 132 kV KARMANASA SAHUPURI 1 0 0 0 0.0 0.0 10 132 kV KARMANASA SAHUPURI 1 0 0 0 0.0 0.0 10 132 kV KARMANASA SAHUPURI 1 0 0 0 0.0 0.0 10 12 12 12 13 13 13 14 14 14 15 15 14 1 765 kV JHARSUGUDA-DHARAMIJAIGARH 4 629 0 24.2 0.0 2 765 kV BHARSUGUDA-DHARAMIJAIGARH 2 438 1091 0.0 10.4 3 765 kV JHARSUGUDA-DURG 2 0 314 0.0 14.6 4 400 kV JHARSUGUDA-RAIGARH 4 0 3112 0.0 7.8 5 400 kV RANCHI-SIPAT 2 52 327 0.0 4.4 6 220 kV BUDHIPADAR-RAIGARH 1 0 164 0.0 3.2 7 220 kV BUDHIPADAR-RAIGARH 1 0 164 0.0 3.2 7 220 kV BUDHIPADAR-RAIGARH 1 0 164 0.0 3.2 1 HVDC JEYPORE-GAZUWAKA B/B 2 0 711 0.0 14.1 2 BIVDC TALCHER-ROLAR BIPOLE 2 0 2477 0.0 46.3 3 765 kV ALPURDAR-BAIGARH 2 0 2477 0.0 46.3 3 765 kV ALPURDAR-BAIGARH 2 0 2477 0.0 46.3 3 765 kV ALPURDAR-BAIGARH 2 0 2477 0.0 46.3 3 765 kV BINAGUR-BONGAIGAON 2 540 0 7.9 0.0 1 HVDC BINAGUR-BONGAIGAON 2 540 0 7.9 0.0 2 400 kV ALPURDUAR-BONGAIGAON 2 708 0 10.9 0.0 3 220 kV ALPURDUAR-BONGAIGAON 2 708 0 10.9 0.0 1 HVDC BISWANATH CHARIALL-AGRA 2 478 0 16.0 0.0 Import/Export of NER (With NR) 1 HVDC BISWANATH CHARIALL-AGRA 2 478 0 1810 0.0 30.3	OBAKHPUR 2 0 0 0.0 0.0 0.0 FEYARANASI 2 56 249 0.0 2.9 2.29 NRAMNASA 1 0 196 0.0 2.5 -2.5 IRBHIAND 1 0 0 0 0.0 0.0 IAND 1 25 0 0.5 0.0 0.5 SAHUPURI 1 0 0 0.0 0.0 0.0 CHANDAULI 1 0 0 0.0 0.0 0.0 DHARAMJAIGARH 4 629 0 24.2 0.0 24.2 DHARAMJAIGARH 2 438 1091 0.0 7.8 -7.8 ABAIGARH
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14 220 KY SAHIPURLAGRAMNASA 1 0 196 0.0 2.5	RAMNASA
15 132 kV NAGAR UNTARLERHANDD 1 0 0 0.5 0.0 16 132 kV GARWAHERHANDD 1 25 0 0.5 0.0 17 132 kV KARMANASA-SAHUPURI 1 0 0 0 0.0 0.0 18 132 kV KARMANSA-SAHUPURI 1 0 0 0 0.0 0.0 19 132 kV KARMANSA-CHANDAULI 1 0 0 0 0.0 0.0 19 10 10 10 10 10 10 10	RERHAND 1 0 0 0.0 0.0 0.0 0.0 1
17 132 kV KARMANASA-SAHUPUR 1 0 0 0.0 0.0 0.0	SAHUPUR
IS 132 kV KARMANASA-CHANDAULI 1 0 0 0 0 0 0 0 0 0	CHANDAULI 1
ER-NR 0.5 61.0	ER-NR 0.5 61.0 -60.5 L-DHARAMJAIGARH 4 629 0 24.2 0.0 24.2 -DHARAMJAIGARH 2 438 1091 0.0 10.4 -10.4 -DURG 2 0 314 0.0 14.6 -14.6 -RAIGARH 4 0 312 0.0 7.8 -7.8 T 2 55 327 0.0 4.4 -4.4 -RAIGARH 1 0 164 0.0 3.2 -3.2 -KORBA 2 149 0 2.4 0.0 2.4 -ER-WR 26.6 40.4 -13.8 -ER-WR 26.6 40.4 -ER-WR 26.6 40.0 -ER-WR 26.6 40.0 -ER-WR 26.6 40.0 -ER-WR 26.6 40.0 -ER-WR 26.6 40.0
Import/Export of ER (With WR) 1	December 2
1	DHARAMIAIGARH 2 438 1091 0.0 10.4 -10.4
2 765 kV NEW RANCHI-DHARAMJAIGARH 2 438 1091 0.0 10.4	DHARAMIAIGARH 2 438 1091 0.0 10.4 -10.4
3	DURG 2 0 314 0.0 14.6 -1
4 400 kV	-RAIGARH 4 0 312 0.0 7.8 -7.8 T 2 52 52 327 0.0 4.4 -4.4 -4.4.4 -RAIGARH 1 0 164 0.0 3.2 -3.2 -KORBA 2 149 0 2.4 0.0 2.4 -ER-WR 26.6 40.4 -13.8 ZUWAKA B/B 2 0 711 0.0 14.1 -1.3 1.4 1.4 1 -1
S 400 kV RANCHI-SIPAT 2 52 327 0.0 4.4	T 2 52 327 0.0 4.4 -4.4 -RAIGARH 1 0 164 0.0 3.2 -3.2 -KORBA 2 149 0 2.4 0.0 2.4 -ER-WR 26.6 40.4 -13.8 ZUWAKAB/B 2 0 711 0.0 14.1 -14.1 -LAR BIPOLE 2 0 2477 0.0 46.3 -46.3 -46.3 -RAULAM 2 0 2903 0.0 56.7 -56.7 -ER-WR 2 0.0 1.1 -1.1
6 220 kV BUDHIPADAR-RAIGARH 1 0 164 0.0 3.2 7 220 kV BUDHIPADAR-RAIGARH 2 149 0 2.4 0.0 ER-WR 26.6 40.4 Import/Export of ER (With SR)	-RAIGARH 1 0 164 0.0 3.2 -3.2 -RORBA 2 149 0 2.4 0.0 2.4 -RORBA 2 149 0 1.4 0.0 2.4 0.0 2.4 -RORBA 2 149 0 1.4 0.0 2.4 0.0 2.4
7 220 kV BUDHIPADAR-KORBA 2 149 0 2.4 0.0	-KORBA 2 149 0 2.4 0.0 2.4 ER-WR 26.6 40.4 -13.8 ZUWAKA B/B 2 0 711 0.0 14.1 LAR BIPOLE 2 0 2477 0.0 46.3 -46.3 AKULAM 2 0 2903 0.0 56.7 -56.7 SECOND 1 1 1 0 0 0 1.1 PPER SILERRU 1 1 0 0 0 0.0 0.0 ER-SR 0.0 11.1 -1.1 PRESILERRU 1 1 0 0 0.0 0.0 0.0 ER-SR 0.0 11.1 -11.1 PRESILERRU 1 1 0 0 0.0 17.1 -11.7 ER-SR 0.0 11.1 -11.1 NGAIGAON 2 1540 0 7.9 0.0 7.9 BONGAIGAON 2 170 0.0 11.7 ER-SR 0.0 10.9 0.0 10.9 ER-NER 20.6 0.0 10.9 ER-NER 20.6 5.1 0.0 20.6 CHARIALI-AGRA 2 478 0 5.1 0.0 5.1 NER-NR 5.1 0.0 5.1 RUKSHETRA 2 0 1810 0.0 30.3 -30.3 RUKSHETRA 2 0 1810 0.0 30.3 -30.3 ER-SR 0.0 9.8
Import/Export of ER (With SR)	ER-WR 26,6 40,4 -13,8
Import/Export of ER (With SR)	ZUWAKA B/B 2 0 711 0.0 14.1 .14.1 DLAR BIPOLE 2 0 2477 0.0 46.3 .46.3 AKULAM 2 0 2903 0.0 56.7 .56.7 AKULAM 2 0 2903 0.0 56.7 .56.7 PPER SILERRU 1 1 0 0.0 0.0 0.0 ER-SR 0.0 117.1 .117.1 ORGAIGAON 2 540 0 7.9 0.0 177.1 ORGAIGAON 2 708 0 10.9 0.0 10.9 BONGAIGAON 2 118 0 17.7 0.0 1.7 ER-NER 20.6 0.0 20.6 CHARIALI-AGRA 2 478 0 5.1 0.0 5.1 NER-NR 5.1 0.0 5.1 AUKSHETRA 2 0 1810 0.0 30.3 .30.3 AUKSHETRA 2 446 0 9.8 0.0 9.8 CHARIALI-BER 20.6 0.0 9.8 CHARIALI-BER 2.0 30.0 30.3 CHARIALI-BER 30.0 30.0 CHA
1	LAR BIPOLE 2 0 2477 0.0 46.3 -46.3
2 HVDC TALCHER-KOLAR BIPOLE 2 0 2477 0.0 46.3 3 765 kV ANGUL-SRIKAKULMA 2 0 2903 0.0 55.7 4 400 kV TALCHER-IC 2 415 632 0.0 1.1 5 220 kV BALIMELA-UPPER-SILERRU 1 1 0 0.0 0.0 0.0	LAR BIPOLE 2 0 2477 0.0 46.3 -46.3
3 765 kV ANGIL-SRIKAKUJAM 2 0 2903 0.0 56.7 4 400 kV TALCHEL-UC 2 415 632 0.0 1.1 5 220 kV BALIMELA-UPPER-SILERRU 1 1 0 0.0 0.0 0.0 117.1 1 1 0 0.0 0.0 0.0 117.1 1 1 1 0 0.0 0.0 0.0 117.1 1 1 1 1 1 1 1 1 1	AKULAM 2 0 2903 0.0 56.7 -56.7 PPER-SILERRU 1 1 0 0.0 0.0 1.1 -1.1 PPER-SILERRU 1 1 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 17.1 -11
4 400 kV TALCHER-IC 2 415 632 0.0 1.1 5 220 kV BALMELA-UPPER-SILERRU 1 1 0 0.0 0.0 0.0	PPER-SILERRU 1
BINAGURI-BONGAIGAON 2 540 0 7.9 0.0	ER-SR 0.0 117.1 -117.1 -117.1
Import/Export of ER (With NER)	NIGAIGAON 2 \$40 0 7.9 0.0 7.9
1 400 kV BINAGURI-BONGAIGAON 2 540 0 7.9 0.0 2 400 kV ALIPURDUAR-BONGAIGAON 2 708 0 10.9 0.0 3 220 kV ALIPURDUAR-SALAKATI 2 118 0 1.7 0.0	BONGAIGAON 2 708 0 10.9 0.0 10.9
2 400 kV ALIPURDUAR-BONGAIGAON 2 708 0 10.9 0.0 3 220 kV ALIPURDUAR-SALAKATI 2 118 0 1.7 0.0 ER-NER 20.6 0.0 Import/Export of NER (With NR)	BONGAIGAON 2 708 0 10.9 0.0 10.9
3 220 kV ALPURDUAR-SALAKATI 2 118 0 1.7 0.0	SALAKATI 2 118 0 1.7 0.0 1.7 ER-NER 20.6 0.0 20.6 CHARIALI-AGRA 2 478 0 5.1 0.0 5.1 NER-NR 5.1 0.0 5.1 RUKSHETRA 2 0 1810 0.0 30.3 -30.3 AL B/B - 446 0 9.8 0.0 9.8
ER-NER 20,6 0,0	ER-NER
Import/Export of NER (With NR) 1	CHARIALI-AGRA 2 478 0 5.1 0.0 5.1 NER-NR 5.1 0.0 5.1 RUKSHETRA 2 0 1810 0.0 30.3 -30.3 LL B/B - 446 0 9.8 0.0 9.8
NER-NR 5.1 0.0	NER-NR 5.1 0.0 5.1 RUKSHETRA 2 0 1810 0.0 30.3 -30.3 AL B/B - 446 0 9.8 0.0 9.8
Import/Export of WR (With NR) 1	RUKSHETRA 2 0 1810 0.0 30.3 .30.3 LL B/B - 446 0 9.8 0.0 9.8
1 HVDC CHAMPA-KURUKSHETRA 2 0 1810 0.0 30.3	AL B/B - 446 0 9.8 0.0 9.8
	AL B/B - 446 0 9.8 0.0 9.8
4 765 kV GWALIOR-AGRA 2 708 1132 3.2 8.9	
10 765 kV VINDHYACHAL-VARANASI 2 0 2106 0.0 23.9	1 0 858 0.0 16.4 -16.4
11 400 kV ZERDA-KANKROLI 1 445 0 7.4 0.0	1 0 858 0.0 16.4 -16.4 IA-CHITORGARH 2 1909 0 31.1 0.0 31.1
	1 0 858 0.0 16.4 -16.4 16.4
	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
18 220 kV MALANPUR-AURAIYA 1 101 0 2.4 0.0	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
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20 132 kV RAJGHAT-LALITPUR 2 0 0 0.0 0.0	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
20 132 kV RAJGHAT-LALITPUR 2 0 0 0.0 0.0 0.0 WR-NR 107.9 99.4	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
20 132 kV RAJGHAT-LALITPUR 2 0 0 0.0 0.0 0.0	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
20 132 kV RAJGHAT-LALITPUR 2 0 0 0.0 0.0	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
20 132 kV RAJGHAT-LALITPUR 2 0 0 0.0 0.0	1
20 132 kV RAJGHAT-LALITPUR 2 0 0 0.0 0.0	1
20 132 kV RAJGHAT-LALITPUR 2 0 0 0.0 0.0	1
20 132 kV RAJGHAT-LALITPUR 2 0 0 0.0 0.0	1
20 132 kV RAJGHAT-LALITPUR 2 0 0 0.0 0.0	1
20 132 kV RAJGHAT-LALITPUR 2 0 0 0.0 0.0	1
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20 132 kV RAJGHAT-LALITPUR 2 0 0 0.0 0.0	1
20 132 kV RAJGHAT-LALITPUR 2 0 0 0.0 0.0	1
20 132 kV RAJGHAT-LALITPUR 2 0 0 0.0 0.0	1
132 kV RAJGHAT-LALITPUR	1
132 kV RAJGHAT-LALITPUR	1
20 132 kV RAJGHAT-LALITPUR 2 0 0,0 0.0 0.0	1
Description	1
20 132 kV RAJGHAT-LALITPUR 2 0 0 0.0 0.0	1
20 132 kV RAJGHAT-LALITPUR 2 0 0,0 0,0 0,0	1
132 kV RAJGHAT-LALITPUR 2	1
132 kV RAJGHAT-LALTPUR 2	1
132 kV RAJGHAT-LALITPUR 2	1
132 kV RAJGHAT-LALTPUR 2	1
5 765 kV GWALIOR-PHAGI 2 633 1032 1.8 14.0	AGI 2 633 1032 1.8 14.0 -12.2
6 765 kV JABALPUR-ORAI 2 410 571 0.0 5.8	RAI 2 410 571 0.0 5.8 -5.8
4 765 kV GWALIOR-AGRA 2 708 1132 3.2 8.9	RA 2 708 1132 3.2 8.9 -5.8
	RA 2 708 1132 3.2 8.9 -5.8
4 765 kV GWALIOR-AGRA 2 708 1132 3.2 8.9	JRA 2 708 1132 3.2 8.9 -5.9
4 765 kV GWALIOR-AGRA 2 708 1132 3.2 8.9	JRA 2 708 1132 3.2 8.9 -5.9
4 765 kV GWALIOR-AGRA 2 708 1132 3.2 8.0	RA 2 708 1132 3.2 8.9 5.9
1 4 1 765 kV GWALIOR-AGRA 2 708 1122 2.2 9.0	RA 2 709 1122 22 80 50
2 117DC MUNDKA-MUNDEKGAKN 2 0 0 0 00 00	
	HINDERGARH 2 0 0 0 00 00 00
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I S I HVDC IMUNDDA-MOHINDEDCADH 2 A A A A A A	
1 2 1 HVDC IMUNDDA MOHINDEDCADH 2 1 A 1 AA 1 AA	MENTERSTAND 1 4 1 0 1 0 1 00 1 00 1 00
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- 110 U 7.0 0.0	
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LO DVID. INTUNDIKA-MUMINDEKGAKH / N N N N N N N N N N N N N N N N N N	
C ALDO DECEMBERGARII	