

National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र GRID CONTROLLER OF INDIA LIMITED ग्रिड कंटोलर ऑफ इंडिया लिमिटेड

(Government of India Enterprise/ भारत सरकार का उद्यम) B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016 बी-9, कुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 15th January 2023

To,

- 1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता 700033 Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
- 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 14.01.2023.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 14- जनवरी -2023 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 14th January 2023, is available at the NLDC website.

धन्यवाद.

ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली



| Report for previous day | Date of Reporting: | 15-Jan-2023 |
|-------------------------|--------------------|-------------|
| | | |

| A. Power Supply Position at All India and Regional level | | | I an I | | 1n | momit |
|---|--------|-----------|-----------|-------|------------|--------|
| | NR | WR | SR | ER | NER | TOTAL |
| Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs) | 52225 | 53233 | 40220 | 20233 | 2495 | 168406 |
| Peak Shortage (MW) | 200 | 0 | 0 | 159 | 0 | 359 |
| Energy Met (MU) | 1165 | 1329 | 1038 | 430 | 47 | 4009 |
| Hydro Gen (MU) | 109 | 39 | 83 | 36 | 9 | 277 |
| Wind Gen (MU) | 14 | 72 | 30 | | - | 116 |
| Solar Gen (MU)* | 107.38 | 55.36 | 125.40 | 2.27 | 0.42 | 291 |
| Energy Shortage (MU) | 8.26 | 0.00 | 0.00 | 1.99 | 0.00 | 10.25 |
| Maximum Demand Met During the Day (MW) (From NLDC SCADA) | 59681 | 64395 | 56496 | 21302 | 2642 | 202900 |
| Time Of Maximum Demand Met (From NLDC SCADA) | 11:55 | 10:11 | 10:13 | 18:43 | 17:37 | 10:12 |
| B. Frequency Profile (%) | | | | | | |
| | 10. | 40 = 40.0 | 40.0 40.0 | 10.0 | 40.0 50.05 | =0.0= |

| | | Max.Demand | Shortage during | Energy Met | Drawal | OD(+)/UD(-) | Max OD | Energy |
|--------|----------------------|---------------------------|-----------------------|------------|------------------|-------------|--------|-----------------|
| Region | States | Met during the day(MW) | maximum Demand(MW) | (MU) | Schedule (MU) | (MU) | (MW) | Shortag (MU) |
| | Punjab | 7963 | 0 | 148.0 | 49.6 | -0.3 | 159 | 1.40 |
| | Haryana | 7877 | 0 | 147.3 | 75.5 | -1.0 | 146 | 0.00 |
| | Rajasthan | 15971 | 115 | 297.9 | 101.0 | -4.6 | 221 | 6.09 |
| | Delhi | 4733 | 0 | 78.6 | 67.6 | -2.4 | 158 | 0.00 |
| NR | UP | 19512 | 0 | 355.2 | 125.9 | -1.0 | 674 | 0.00 |
| | Uttarakhand | 2330 | 0 | 43.6 | 31.4 | 0.0 | 273 | 0.70 |
| | HP | 1910 | 0 | 33.9 | 27.1 | -0.1 | 106 | 0.00 |
| | J&K(UT) & Ladakh(UT) | 2990 | 0 | 56.0 | 56.0 | -4.4 | 165 | 0.07 |
| | Chandigarh | 265 | 0 | 4.6 | 4.8 | -0.2 | 21 | 0.00 |
| | Chhattisgarh | 4757 | 0 | 103.6 | 55.1 | -1.7 | 165 | 0.00 |
| | Gujarat | 14113 | 0 | 292.1 | 147.7 | -8.1 | 623 | 0.00 |
| | MP | 17104 | 0 | 323.9 | 195.6 | 0.0 | 664 | 0.00 |
| WR | Maharashtra | 27140 | 0 | 541.4 | 170.1 | 3.8 | 525 | 0.00 |
| | Goa | 620 | 0 | 13.5 | 12.1 | 1.0 | 41 | 0.00 |
| | DNHDDPDCL | 1158 | 0 | 26.2 | 26.5 | -0.3 | 25 | 0.00 |
| | AMNSIL | 707 | 0 | 15.6 | 10.0 | -0.4 | 244 | 0.00 |
| | BALCO | 518 | 0 | 12.4 | 12.4 | 0.0 | 11 | 0.00 |
| | Andhra Pradesh | 11037 | 0 | 192.5 | 86.5 | -1.0 | 474 | 0.00 |
| | Telangana | 13363 | 0 | 227.9 | 105.7 | -0.9 | 686 | 0.00 |
| SR | Karnataka | 14000 | 0 | 241.8 | 83.0 | 0.0 | 534 | 0.00 |
| | Kerala | 3692 | 0 | 72.7 | 57.7 | 0.1 | 112 | 0.00 |
| | Tamil Nadu | 15374 | 0 | 294.5 | 163.0 | -1.4 | 690 | 0.00 |
| | Puducherry | 376 | 0 | 8.3 | 8.4 | -0.6 | 21 | 0.00 |
| | Bihar | 5371 | 0 | 95.0 | 88.9 | -4.9 | 238 | 0.04 |
| | DVC | 3530 | 0 | 74.0 | -46.5 | -0.3 | 255 | 0.00 |
| | Jharkhand | 1577 | 0 | 28.7 | 22.4 | -2.4 | 82 | 1.95 |
| ER | Odisha | 5133 | 0 | 96.2 | 40.5 | -2.1 | 583 | 0.00 |
| | West Bengal | 7204 | 0 | 134.6 | 1.8 | -1.6 | 280 | 0.00 |
| | | | | | | | | |

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

Arunachal Pradesh

Manipur Meghalaya Mizoram

NER

| | Bhutan | Nepal | Bangladesh |
|---------------|--------|--------|------------|
| Actual (MU) | -1.9 | -8.3 | -20.1 |
| Day Peak (MW) | -101.9 | -408.7 | -1052.0 |

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

| | NR | WR | SR | ER | NER | TOTAL |
|--------------|-------|--------|-------|--------|------|-------|
| Schedule(MU) | 175.3 | -165.1 | 154.4 | -164.5 | -0.1 | 0.0 |
| Actual(MU) | 171.2 | -148.8 | 162.5 | -179.7 | 0.9 | 6.1 |
| O/D/U/D(MU) | -4.1 | 16.3 | 8.1 | -15.2 | 1.0 | 6.1 |

F. Generation Outage(MW)

| 1. Generation Gutage(MV) | | | | | | | |
|--------------------------|-------|-------|-------|------|-----|-------|---------|
| | NR | WR | SR | ER | NER | TOTAL | % Share |
| Central Sector | 5838 | 13181 | 8298 | 1710 | 484 | 29511 | 46 |
| State Sector | 7950 | 16083 | 7198 | 3748 | 140 | 35118 | 54 |
| Total | 13788 | 29264 | 15496 | 5458 | 624 | 64629 | 100 |

G. Sourcewise generation (Gross) (MU)

| | NR | WR | SR | ER | NER | All India | % Share |
|--|-------|-------|-------|------|-------|-----------|---------|
| Coal | 755 | 1363 | 553 | 633 | 15 | 3319 | 76 |
| Lignite | 34 | 12 | 53 | 0 | 0 | 99 | 2 |
| Hydro | 109 | 39 | 83 | 36 | 9 | 277 | 6 |
| Nuclear | 27 | 37 | 66 | 0 | 0 | 129 | 3 |
| Gas, Naptha & Diesel | 18 | 7 | 5 | 0 | 29 | 58 | 1 |
| RES (Wind, Solar, Biomass & Others) | 148 | 130 | 179 | 2 | 0 | 460 | 11 |
| Total | 1090 | 1587 | 940 | 672 | 53 | 4342 | 100 |
| Share of RES in total generation (%) | 13.59 | 8.17 | 19.05 | 0.33 | 0.79 | 10.59 | Ì |
| Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%) | 26.00 | 12.96 | 34.97 | 5.70 | 18.32 | 19.94 | |

H. All India Demand Diversity Factor

H. All India Demand Diversity Factor

Based on Regional Max Demands

Based on State Max Demands

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

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

**Note: All generation MU figures are gross

0.00

0.00

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU) Date of Reporting: 15-Jan-2023

| | | | | | | | Date of Reporting: | 15-Jan-2023 |
|--|--|--|---|--|--|---|---|--|
| Sl No | Voltage Level | Line Details | No. of Circuit | Max Import (MW) | Max Export (MW) | Import (MU) | Export (MU) | NET (MU) |
| | | | 110. or Circuit | Max Import (MV) | Max Export (MW) | Import (MC) | Export (MC) | MEI (MC) |
| | Export of ER (| | | | | | | |
| 1 | | ALIPURDUAR-AGRA | 2 | 0 | 0 | 0.0 | 0.0 7.5 | 0.0 |
| 3 | HVDC 765 kV | PUSAULI B/B GAYA-VARANASI | • | 0 | 297 818 | 0.0 | 13.2 | -7.5 -13.2 |
| 4 | 765 kV | SASARAM-FATEHPUR | 1 | 0 | 328 | 0.0 | 4.8 | -4.8 |
| 5 | 765 kV | GAYA-BALIA | 1 | 0 | 731 | 0.0 | 11.0 | -11.0 |
| 6 | 400 kV | PUSAULI-VARANASI | 1 | 0 | 178 | 0.0 | 3.9 | -3.9 |
| 7 | 400 kV | PUSAULI -ALLAHABAD | 1 | 0 | 212 | 0.0 | 3.9 | -3.9 |
| 9 | 400 kV 400 kV | MUZAFFARPUR-GORAKHPUR PATNA-BALIA | 2 | 0 | 606 | 0.0 | 8.5 11.8 | -8.5 -11.8 |
| 10 | | NAUBATPUR-BALIA | 2 | 0 | 663 | 0.0 | 12.5 | -11.8 |
| 11 | | BIHARSHARIFF-BALIA | 2 | Ö | 293 | 0.0 | 4.4 | -4.4 |
| 12 | 400 kV | MOTIHARI-GORAKHPUR | 2 | 0 | 489 | 0.0 | 8.1 | -8.1 |
| 13 | 400 kV | BIHARSHARIFF-VARANASI | 2 | 0 | 351 | 0.0 | 4.2 | -4.2 |
| 14 | 220 kV | SAHUPURI-KARAMNASA | 1 | 22 | 92 | 0.0 | 0.9 | -0.9 |
| 15 | 132 kV 132 kV | NAGAR UNTARI-RIHAND | 1 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 16 17 | | GARWAH-RIHAND KARMANASA-SAHUPURI | <u> </u> | 25 4 | 0 25 | 0.5 | 0.0 | 0.5 |
| 18 | | KARMANASA-CHANDAULI | i | - 7 | 0 | 0.0 | 0,0 | 0.0 |
| | | | • | | ER-NR | 0.5 | 94.5 | -94.1 |
| Import/I | Export of ER (| With WR) | | | | - OIL | | 7.114 |
| 1 | | JHARSUGUDA-DHARAMJAIGARH | 4 | 856 | 277 | 9.4 | 0.0 | 9.4 |
| | | | | | | | | |
| 2 | 765 kV | NEW RANCHI-DHARAMJAIGARH | 2 | 259 | 966 | 0.0 | 6.6 | -6.6 |
| 3 | 765 kV | JHARSUGUDA-DURG | 2 | 0 | 476 | 0.0 | 8.0 | -8.0 |
| 4 | 400 kV | JHARSUGUDA-RAIGARH | 4 | 0 | 564 | 0.0 | 8.6 | -8.6 |
| | | | | | | | | |
| 5 | 400 kV | RANCHI-SIPAT | 2 | 0 | 360 | 0.0 | 3.5 | -3.5 |
| 6 | 220 kV | BUDHIPADAR-RAIGARH | 1 | 0 | 175 | 0.0 | 3.0 | -3.0 |
| 7 | | BUDHIPADAR-KORBA | 2 | 72 | 95 | 0.0 | 0.1 | -0.1 |
| | v n 1 | MANAGEMENT | | 12 | ER-WR | | 29.7 | |
| Import/ | Export of ER (| With SD) | | | ER-WK | 9.4 | 49.1 | -20.3 |
| | | | 1 4 | | C45 | 0.0 | 140 | 146 |
| 1 | | JEYPORE-GAZUWAKA B/B | 2 | 0 | 645 | 0.0 | 14.8 | -14.8 |
| 2 | | TALCHER-KOLAR BIPOLE | 2 | 0 | 1985 | 0.0 | 43.5 | -43.5 |
| 3 | 765 kV | ANGUL-SRIKAKULAM | 2 | 0 | 2753 | 0.0 | 52.8 | -52.8 |
| 4 | 400 kV | TALCHER-I/C | 2 | 0 | 754 | 0.0 | 11.4 | -11.4 |
| 5 | 220 kV | BALIMELA-UPPER-SILERRU | 1 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| | | | | | ER-SR | 0.0 | 111.1 | -111.1 |
| Import/l | Export of ER (| With NER) | | | | | | |
| 1 | | BINAGURI-BONGAIGAON | 2 | 117 | 59 | 0.9 | 0.2 | 0.8 |
| 2 | 400 kV | ALIPURDUAR-BONGAIGAON | 2 | 447 | 50 | 4.5 | 0.0 | 4.5 |
| 3 | | ALIPURDUAR-SALAKATI | 2 | 45 | 10 | 0.5 | 0.0 | 0.5 |
| | 220 K | THE CASE CHARGE STREET | | 1 70 | ER-NER | 6.0 | 0.2 | 5.8 |
| Import/ | Export of NER | (With NR) | | | | 0.0 | | 2.0 |
| 1 | HVDC | BISWANATH CHARIALI-AGRA | 2. | 457 | 0 | 7.1 | 0.0 | 7.1 |
| | HVDC | BISWANATH CHARIALI-AGRA | | 43/ | NER-NR | | 0.0 | |
| Town out / | Export of WR | (Wish ND) | | | INEX-INK | 7.1 | 0.0 | 7.1 |
| | EXPORT OF WIK | CHAMBA KUDUKCHEEDA | 1 1 | | 1000 | 0.0 | 24.0 | 24.0 |
| 1 | HVDC | CHAMPA-KURUKSHETRA | 2 | 0 | 1000 | 0.0 | 24.0 | -24.0 |
| 2 | | VINDHYACHAL B/B | - | 46 | 0 | 1.2 | 0.0 | 1.2 |
| 3 | | MUNDRA-MOHINDERGARH | 2 | 0 | 1517 | 0.0 | 21.4 | -21.4 |
| 4 | | GWALIOR-AGRA | 2 | 205 | 1942 | 0.1 | 19.3 | -19.2 |
| 5 | | GWALIOR-PHAGI | 2 | 0 | 1766 | 0.0 | 26.4 | -26.4 |
| 6 | 765 kV | JABALPUR-ORAI | 2 | 0 | 1042 | 0.0 | 23.8 | -23.8 |
| 7 | 765 kV | GWALIOR-ORAI | 1 | 888 | 0 | 14.7 | 0.0 | 14.7 |
| 8 | 765 kV | SATNA-ORAI | 1 | 0 | 1056 | 0.0 | 18.6 | -18.6 |
| | | | | | 10/6 | | | |
| | | | 2 | | 1076 191 | | | |
| 9 | 765 kV | BANASKANTHA-CHITORGARH | 2 | 1585 | 191 | 24.3 | 0.3 | 24.0 |
| 9 | 765 kV 765 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI | 2 2 | 1585 0 | 191 2434 | 24.3 0.0 | 0.3 33.3 | 24.0 -33.3 |
| 9 10 11 | 765 kV 765 kV 400 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI | 2 2 1 | 1585 0 317 | 191 2434 89 | 24.3 0.0 3.3 | 0.3 33.3 0.0 | 24.0 -33.3 3.3 |
| 9 10 11 12 | 765 kV 765 kV 400 kV 400 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA -BHINMAL | 2 2 1 1 | 1585 0 317 447 | 191 2434 89 255 | 24.3 0.0 3.3 4.3 | 0.3 33.3 0.0 0.0 | 24.0 -33.3 3.3 4.3 |
| 9 10 11 12 13 | 765 kV 765 kV 400 kV 400 kV 400 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND | 2 1 1 1 | 1585 0 317 447 962 | 191 2434 89 255 0 | 24.3 0.0 3.3 4.3 22.1 | 0.3 33.3 0.0 0.0 0.0 | 24.0 -33.3 3.3 4.3 22.1 |
| 9 10 11 12 13 14 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR | 2 2 1 1 1 2 | 1585 0 317 447 962 423 | 191 2434 89 255 0 432 | 24.3 0.0 3.3 4.3 22.1 2.7 | 0.3 33.3 0.0 0.0 0.0 1.5 | 24.0 -33.3 3.3 4.3 22.1 1.2 |
| 9 10 11 12 13 14 15 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR | 2 1 1 1 | 1585 0 317 447 962 423 0 | 191 2434 89 255 0 432 0 | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 | 0.3 33.3 0.0 0.0 0.0 1.5 | 24.0 -33.3 3.3 4.3 22.1 1.2 0.0 |
| 9 10 11 12 13 14 15 16 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK | 2 1 1 1 | 1585 0 317 447 962 423 0 | 191 2434 89 255 0 432 0 | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 0.0 | 0.3 33.3 0.0 0.0 0.0 1.5 0.0 | 24.0 -33.3 3.3 4.3 22.1 1.2 0.0 -1.8 |
| 9 10 11 12 13 14 15 16 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANSI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA | 2 1 1 1 2 1 1 1 | 1585 0 317 447 962 423 0 0 | 191 2434 89 2555 0 432 0 30 | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 0.0 | 0.3 33.3 0.0 0.0 0.0 1.5 0.0 1.8 0.0 | 24.0 -33.3 3.3 4.3 22.1 1.2 0.0 -1.8 1.1 |
| 9 10 11 12 13 14 15 16 17 | 765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA | 2 1 1 1 | 1585 0 317 447 962 423 0 0 126 98 | 191 2434 89 255 0 432 0 30 0 | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 0.0 1.1 1.7 | 0.3 33.3 0.0 0.0 0.0 1.5 0.0 1.8 0.0 | 24.0 -33.3 -3.3 -4.3 -22.1 -1.2 -0.0 -1.8 -1.1 -1.7 |
| 9 10 11 12 13 14 15 16 17 18 | 765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 220 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANSI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR | 2 1 1 1 2 2 1 1 1 1 1 | 1585 0 317 447 962 423 0 0 126 98 | 191 2434 89 2555 0 432 0 30 | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 0.0 1.1 1.7 0.0 | 0.3 33.3 0.0 0.0 0.0 1.5 0.0 1.8 0.0 0.0 | 24.0 -33.3 3.3 4.3 22.1 1.2 0.0 -1.8 1.1 1.7 0.0 |
| 9 10 11 12 13 14 15 16 17 | 765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 220 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA | 2 1 1 1 2 1 1 1 | 1585 0 317 447 962 423 0 0 126 98 | 191 2434 89 255 0 30 0 6 0 | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 0.0 1.1 1.7 0.0 12.1 | 0.3 33.3 0.0 0.0 0.0 1.5 0.0 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 24.0 -33.3 -3.3 -4.3 -22.1 -1.2 -0.0 -1.8 -1.1 -1.7 -0.0 -1.2.1 |
| 9 10 11 12 13 14 15 16 17 18 19 20 | 765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANSI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORISAWAI MADHOPUR RAJGHAT-LALITPUR | 2 1 1 1 2 2 1 1 1 1 1 | 1585 0 317 447 962 423 0 0 126 98 | 191 2434 89 255 0 432 0 30 0 6 | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 0.0 1.1 1.7 0.0 | 0.3 33.3 0.0 0.0 0.0 1.5 0.0 1.8 0.0 0.0 | 24.0 -33.3 3.3 4.3 22.1 1.2 0.0 -1.8 1.1 1.7 0.0 |
| 9 10 11 12 13 14 15 16 17 18 19 20 | 765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) | 2 1 1 1 2 2 1 1 1 1 1 | 1585 0 317 447 962 423 0 0 126 98 | 191 2434 89 255 0 432 0 0 0 0 0 0 0 0 0 WR-NR | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 0.0 1.1 1.7 0.0 12.1 87.5 | 0.3 33.3 0.0 0.0 0.0 1.5 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | 24.0 33.3 3.3 4.3 22.1 1.2 0.0 1.1 1.7 0.0 12.1 .82.9 |
| 9 10 11 12 13 14 15 16 17 18 19 20 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV | BANASKANTHA-CHITORGARH YINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL YINDHYACHAL-RIHAND RAPP-SHUJAL-PUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR | 2 1 1 1 2 2 1 1 1 1 1 | 1585 0 317 447 962 423 0 0 126 98 | 191 2434 89 255 0 30 0 6 0 | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 0.0 1.1 1.7 0.0 12.1 | 0.3 33.3 0.0 0.0 0.0 1.5 0.0 1.8 0.0 0.0 1.8 0.0 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 | 24.0 -33.3 -3.3 -4.3 -22.1 -1.2 -0.0 -1.8 -1.1 -1.7 -0.0 -1.2.1 |
| 9 10 11 12 13 14 15 16 17 18 19 20 | 765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) | 2 1 1 1 2 2 1 1 1 1 1 | 1585 0 317 447 962 423 0 0 126 98 | 191 2434 89 255 0 432 0 0 0 0 0 0 0 0 0 WR-NR | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 0.0 1.1 1.7 0.0 12.1 87.5 | 0.3 33.3 0.0 0.0 0.0 1.5 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | 24.0 33.3 3.3 4.3 22.1 1.2 0.0 1.1 1.7 0.0 12.1 .82.9 |
| 9 10 11 12 13 14 15 16 17 18 19 20 Import/I | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV Export of WR HVDC HVDC | BANASKANTHA-CHITORGARH YINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL YINDHYACHAL-RIHAND RAPP-SHUJAL-PUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR | 2 1 1 1 2 2 1 1 1 1 1 2 2 | 1585 0 317 447 962 423 0 0 126 98 0 | 191 2434 89 255 0 432 0 0 0 6 0 0 WR-NR | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 0.0 1.1 1.7 0.0 12.1 87.5 | 0.3 33.3 0.0 0.0 0.0 1.5 0.0 1.8 0.0 0.0 1.8 0.0 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 | 24.0 33.3 3.3 4.3 22.1 1.2 0.0 1.8 1.1 1.7 0.0 12.1 -82.9 |
| 9 10 11 12 13 14 15 16 17 18 19 20 Import/I 2 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 152 kV 154 kV 155 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIth SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD | 2 1 1 1 2 2 1 1 1 1 1 2 2 2 1 1 1 2 2 2 2 2 1 1 1 1 2 | 1585 0 317 447 962 423 0 0 126 98 0 | 191 2434 89 255 0 432 0 0 0 0 6 0 WR-NR | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 0.0 1.1 1.7 0.0 12.1 87.5 | 0.3 33.3 0.0 0.0 0.0 1.5 0.0 1.8 0.0 0.0 0.0 170.4 11.4 40.4 | 24.0 23.3 3.3 4.3 22.1 1.2 0.0 1.8 1.1 1.7 0.0 12.1 -82.9 |
| 9 10 11 12 13 14 15 16 17 18 19 20 Import/1 1 2 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 152 kV 154 kV 155 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WHALANPUR-AURAIYA WHALANPUR-AURAIYA WHALANPUR-BURAIYA WHARANPUR-BURAIYA WHARANPUR-BURAIYA WHARANPUR-BURAIYA WHARANPUR-BURAIYA WHARANP | 2 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 2 2 1 2 1 1 2 2 2 2 1 1 1 2 | 1585 0 317 447 962 423 0 0 126 98 0 0 | 191 2434 89 255 0 432 0 0 30 0 6 0 WR-NR | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 0.0 1.1 1.7 0.0 12.1 87.5 | 0.3 33.3 0.0 0.0 0.0 1.5 0.0 1.5 0.0 0.0 1.5 1.8 0.0 0.0 1.7 1.4 40.4 40.4 12.6 | 24.0 33.3 3.3 4.3 22.1 1.2 0.0 -1.8 1.1 1.7 0.0 12.1 -82.9 -11.4 -40.4 -12.4 |
| 9 10 11 12 13 14 15 16 17 18 19 20 Import/I 2 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 152 kV 154 kV 155 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIth SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD | 2 1 1 1 2 2 1 1 1 1 1 2 2 2 1 1 1 2 2 2 2 2 1 1 1 1 2 | 1585 0 317 447 962 423 0 0 126 98 0 0 | 191 2434 89 255 0 432 0 0 0 0 0 0 WR-NR | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 0.0 1.1 1.7 0.0 12.1 87.5 0.0 0.0 0.0 | 0.3 33.3 0.0 0.0 0.0 0.0 1.5 0.0 1.8 0.0 0.0 0.0 1.7 1.8 0.0 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 | 24.0 33.3 3.3 4.3 22.1 1.2 0.0 1.8 1.1 1.7 0.0 12.1 82.9 -11.4 -40.4 -12.4 -43.1 |
| 9 10 11 12 13 14 15 16 17 18 19 20 Import/I 2 3 4 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV Export of WR HVDC HVDC HVDC HVDC 765 kV 400 kV 220 kV 240 kV 250 kV 260 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAL-PUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SRI BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI | 2 1 1 1 2 2 1 1 1 1 1 1 2 2 2 1 1 1 2 2 2 1 1 2 | 1585 0 317 447 962 423 0 0 126 98 0 0 0 | 191 2434 89 255 0 432 0 0 0 0 WR-NR 1006 4003 1430 2764 0 | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 0.0 1.1 1.7 0.0 12.1 87.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 0.3 33.3 0.0 0.0 0.0 1.5 0.0 1.5 0.0 0.0 1.5 0.0 1.8 0.0 0.0 1.9 0.0 1.9 1.9 1.4 1.4 1.2.6 4.3.1 0.0 | 24.0 -33.3 -3.3 -3.3 -4.3 -22.1 -1.2 -0.0 -1.8 -1.1 -1.7 -0.0 -12.1 -82.9 -11.4 -40.4 -12.4 -43.1 -20.0 -0.0 |
| 9 10 11 12 13 14 15 16 17 18 19 20 Import/1 1 2 3 4 5 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 C 155 kV 400 kV 220 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI | 2 1 1 1 2 2 1 1 1 1 1 1 2 2 2 1 1 1 2 2 2 1 1 2 | 1585 0 317 447 962 423 0 0 126 98 0 0 0 | 191 2434 89 255 0 30 0 0 0 0 0 WR-NR 1006 4003 1430 2764 0 0 | 24.3 0.0 3.3 4.3 2.2.1 2.7 0.0 0.0 1.1 1.7 0.0 1.2.1 87.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 0.3 33.3 0.0 0.0 0.0 0.0 1.5 0.0 1.5 0.0 0.0 1.7 1.4 11.4 40.4 12.6 43.1 0.0 0.0 0.0 | 24.0 33.3 3.3 4.3 22.1 1.2 0.0 1.8 1.1 1.7 0.0 1.2 1.82.9 -11.4 -40.4 -12.4 -43.1 20.0 0.0 |
| 9 10 11 12 13 14 15 16 17 18 19 20 Import/l 1 2 3 4 5 6 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 C 155 kV 400 kV 220 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAL-PUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SRI BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI | 2 1 1 1 2 2 1 1 1 1 1 1 2 2 2 1 1 1 2 2 2 1 1 2 | 1585 0 317 447 962 423 0 0 126 98 0 0 0 0 1359 0 0 0 0 0 0 0 1359 0 0 0 0 0 0 0 0 0 0 0 0 0 | 191 2434 89 255 0 432 0 0 0 0 0 0 WR-NR 1006 4003 1430 0 0 | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 0.0 1.1 1.7 0.0 12.1 87.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.1 | 0.3 33.3 0.0 0.0 0.0 0.0 1.5 0.0 1.8 0.0 0.0 0.0 0.0 170.4 11.4 40.4 12.6 43.1 0.0 | 24.0 -33.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3 - |
| 9 10 11 12 13 14 15 16 17 18 19 20 Import/1 1 2 3 4 5 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 C 155 kV 400 kV 220 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIth SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI | 2 1 1 1 2 2 1 1 1 1 1 2 2 2 1 1 1 2 2 1 1 1 2 2 2 1 1 1 2 | 1585 0 317 447 962 423 0 0 126 98 0 0 0 0 0 0 0 0 0 0 0 0 0 | 191 2434 89 255 0 432 0 0 0 0 0 0 WR-NR 1006 4003 1430 0 0 0 | 24.3 0.0 3.3 4.3 2.2.1 2.7 0.0 0.0 1.1 1.7 0.0 1.2.1 87.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 0.3 33.3 0.0 0.0 0.0 0.0 1.5 0.0 1.5 0.0 0.0 1.6 1.8 0.0 0.0 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 | 24.0 23.3 3.3 4.3 4.3 22.1 1.2 0.0 1.8 1.1 1.7 0.0 12.1 -82.9 -11.4 -40.4 -12.4 -43.1 20.0 0.0 0.0 1.4 -85.9 |
| 9 10 11 12 13 14 15 16 17 18 19 20 Import/1 1 2 3 4 5 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 C 155 kV 400 kV 220 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIth SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI | 2 1 1 1 2 2 1 1 1 1 1 1 2 2 2 1 1 1 2 2 2 1 1 2 | 1585 0 317 447 962 423 0 0 126 98 0 0 0 0 0 0 0 0 0 0 0 0 0 | 191 2434 89 255 0 432 0 0 0 0 0 0 WR-NR 1006 4003 1430 0 0 0 | 24.3 0.0 3.3 4.3 2.1 2.7 0.0 0.0 1.1 1.7 0.0 1.2 87.5 0.0 0.0 0.0 0.0 0.0 1.1 4.1 87.5 | 0.3 33.3 0.0 0.0 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 170.4 11.4 40.4 12.6 43.1 0.0 0.0 0.0 0.0 107.5 | 24.0 33.3 3.3 4.3 4.3 1.2 1.2 0.0 1.1 1.7 0.0 1.2 1.1 2.1 2.2 3.2 9 11.4 40.4 12.4 43.1 20.0 0.0 1.4 8.5.9 +ve)/Export(-ve) |
| 9 10 11 12 13 14 15 16 17 18 19 20 Import/1 1 2 3 4 5 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 C 155 kV 400 kV 220 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIth SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI | 2 1 1 1 2 2 1 1 1 1 1 2 2 2 1 1 1 2 2 1 1 1 2 2 2 1 1 1 2 | 1585 0 0 317 447 962 423 0 0 126 98 0 0 0 1320 0 0 0 0 CHANGES | 191 2434 89 255 0 432 0 0 0 0 0 0 WR-NR 1006 4003 1430 0 0 0 | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 0.0 1.1 1.7 0.0 12.1 87.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.1 | 0.3 33.3 0.0 0.0 0.0 0.0 1.5 0.0 1.5 0.0 0.0 1.6 1.8 0.0 0.0 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 | 24.0 3.3 3.3 4.3 4.3 22.1 1.2 0.0 1.8 1.1 1.7 0.0 12.1 82.9 |
| 9 10 11 12 13 14 15 16 17 18 19 20 Import/1 1 2 3 4 5 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV Export of WR (HVDC HVDC HVDC 765 kV 400 kV 220 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIth SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI | 2 1 1 1 1 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 | 1585 0 0 317 447 447 962 423 0 0 126 98 0 0 0 1320 0 0 0 0 CHANGES Name | 191 2434 89 255 0 432 0 0 0 0 0 0 WR-NR 1006 4003 1430 2764 0 0 81 WR-SR | 24.3 0.0 3.3 4.3 2.1 2.7 0.0 0.0 1.1 1.7 0.0 1.2 87.5 0.0 0.0 0.0 0.0 0.0 1.1 4.1 87.5 | 0.3 33.3 0.0 0.0 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 170.4 11.4 40.4 12.6 43.1 0.0 0.0 0.0 0.0 107.5 | 24.0 33.3 3.3 4.3 4.3 1.2 1.2 0.0 1.1 1.7 0.0 1.2 1.1 2.1 2.2 3.2 9 11.4 40.4 12.4 43.1 20.0 0.0 1.4 8.5.9 +ve)/Export(-ve) |
| 9 10 11 12 13 14 15 16 17 18 19 20 Import/1 1 2 3 4 5 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV Export of WR (HVDC HVDC HVDC 765 kV 400 kV 220 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIth SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI | 2 1 1 1 2 1 1 1 1 1 1 1 2 1 1 1 1 2 TERNATIONAL EXI 406WMANGBECHHU-AII 406WMANGBECHHU-AII 406WMANGBECHHU-AII 406WMANGBECHHU-BI | 1585 0 0 317 447 447 962 423 0 0 126 98 0 0 0 1320 0 0 0 0 CHANGES Name | 191 2434 89 255 0 432 0 0 0 0 0 0 WR-NR 1006 4003 1430 2764 0 0 81 WR-SR | 24.3 0.0 3.3 4.3 2.1 2.7 0.0 0.0 1.1 1.7 0.0 1.2 87.5 0.0 0.0 0.0 0.0 0.0 1.1 4.1 87.5 | 0.3 33.3 0.0 0.0 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 170.4 11.4 40.4 12.6 43.1 0.0 0.0 0.0 0.0 107.5 | 24.0 3.3 3.3 4.3 4.3 22.1 1.2 0.0 1.8 1.1 1.7 0.0 12.1 82.9 |
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| 9 10 11 12 13 14 15 16 17 18 19 20 Import/1 1 2 3 4 5 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV Export of WR (HVDC HVDC HVDC 765 kV 400 kV 220 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAL-PUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHIOPUR RAJGHAT-LALITPUR With SRI BHADRAWATI B/B RAIGARH-PUGALUR SOLAPPUR-RAICHUR WORDHAN-RIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region | 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1585 0 0 317 447 447 962 423 0 0 126 98 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 191 2434 89 2455 0 30 452 0 0 0 0 WR-NR 1006 4003 1430 1430 0 0 WR-SR | 24.3 0.0 3.3 4.3 22.1 2.7 0.0 0.0 1.1 1.7 0.0 12.1 87.5 0.0 0.0 0.0 0.0 0.0 0.0 1.1 4.1 21.6 | 0.3 33.3 0.0 0.0 0.0 0.0 1.5 0.0 1.8 0.0 0.0 0.0 0.0 0.0 170.4 11.4 40.4 12.6 43.1 0.0 0.0 0.0 0.0 107.5 Importi | 24.0 33.3 3.3 4.3 22.1 1.2 0.0 1.8 1.1 1.7 0.0 12.1 82.9 -11.4 -40.4 -12.4 -43.1 20.0 0.0 1.4 -85.9 +ve)/Export(-ve) Energy Exchange (MII) -1.76 |
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| 9 10 11 12 13 14 15 16 17 18 19 20 Import/1 1 2 2 3 4 5 6 7 8 | 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 132 kV 140 kV 132 kV | BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIth SR) BHADRAWATI B/B BHADRAWATI B/B RAJGARH-LALITPUR WITH SR) WARDHA-NIZAMABAD KOLHAPUR-CHUKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI IN Region ER | 2 1 1 1 2 1 1 1 1 1 1 1 1 1 2 1 1 1 1 2 1 1 1 1 1 1 1 1 2 2 1 | 1585 0 0 317 447 962 423 0 0 126 98 0 0 0 126 98 0 0 0 0 CHANGES Name 0 CHANGES Name 4 (& 400KV MALBASE - ECEPTI (from TALA HEP) 182 (& 220KV MALBASE - ECEPTI (from TALA HEP) 182 (& 220KV MALBASE - ECEPTI (from CHUKHA HEP) | 191 2434 89 255 0 30 0 432 0 0 0 0 WR-NR 1006 4003 1430 2764 0 0 81 WR-SR | 24.3 0.0 3.3 4.3 4.3 2.2.1 2.7 0.0 0.0 1.1 1.7 0.0 12.1 87.5 0.0 0.0 0.0 0.0 1.1 4.1 87.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | 0.3 33.3 0.0 0.0 0.0 0.0 1.5 0.0 1.5 0.0 0.0 1.5 0.0 1.6 0.0 0.0 1.7 0.4 11.4 12.6 0.0 0.0 0.0 0.0 107.5 Imports Avg (MW) | 24.0 33.3 3.3 4.3 22.1 1.2 0.0 1.8 1.1 1.7 0.0 12.1 -82.9 -11.4 -40.4 -12.4 -40.4 -12.4 -43.1 20.0 0.0 1.4 -85.9 +ve)/Export(-ve) Energy Exchange (MII) -1.76 |
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