

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

दिनांक: 25th July 2022

Ref: POSOCO/NLDC/SO/Daily PSP Report

To,

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 24.07.2022.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-२०१० की धारा स.-५.५.१ के प्रावधान के अनुसार, दिनांक २४-जुलाई-२०२२ 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 24th July 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 Registron of All India and Regional large.

25-Jul-2022

| | NR | WR | SR | ER | NER | TOTAL |
|---|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs) | 57375 | 46540 | 36697 | 24718 | 3007 | 168337 |
| Peak Shortage (MW) | 0 | 0 | 0 | 481 | 0 | 481 |
| Energy Met (MU) | 1329 | 1083 | 884 | 540 | 56 | 3893 |
| Hydro Gen (MU) | 342 | 92 | 145 | 128 | 34 | 740 |
| Wind Gen (MU) | 9 | 183 | 155 | | - | 347 |
| Solar Gen (MU)* | 95.53 | 23.93 | 83.79 | 4.48 | 0.55 | 208 |
| Energy Shortage (MU) | 0.07 | 0.14 | 0.00 | 3.09 | 0.00 | 3.30 |
| Maximum Demand Met During the Day (MW) (From NLDC SCADA) | 61331 | 47190 | 41053 | 25932 | 3034 | 171431 |
| Time Of Maximum Demand Met (From NLDC SCADA) | 21:27 | 09:38 | 09:35 | 00:19 | 19:32 | 20:43 |

B. Frequency Profile (%)

Region FVI < 49.7 49.7 49.8 49.8 49.9 < 49.9 49.9 - 50.05 > 50.05

All India 0.034 0.00 0.50 3.06 3.55 75.15 21.29

| | | Max.Demand | Shortage during | Energy Met | Drawal | OD(+)/UD(-) | Max OD | Energy |
|--------|----------------------|----------------|-----------------|------------|----------|-------------|---------|----------|
| Region | States | Met during the | maximum | (MU) | Schedule | (MU) | (MW) | Shortage |
| | | dav(MW) | Demand(MW) | (MC) | (MU) | (NIC) | (14144) | (MU) |
| | Punjab | 10883 | 0 | 238.2 | 164.6 | -1.3 | 115 | 0.00 |
| | Haryana | 8321 | 0 | 180.4 | 116.4 | 0.8 | 298 | 0.00 |
| | Rajasthan | 9506 | 0 | 213.5 | 47.4 | -3.0 | 253 | 0.00 |
| | Delhi | 5655 | 0 | 113.8 | 103.3 | -1.3 | 205 | 0.00 |
| NR | UP | 22467 | 0 | 457.7 | 206.2 | 0.5 | 485 | 0.00 |
| | Uttarakhand | 2006 | 0 | 43.9 | 21.0 | -0.2 | 83 | 0.07 |
| | HP | 1403 | 0 | 29.0 | -10.3 | -0.2 | 97 | 0.00 |
| | J&K(UT) & Ladakh(UT) | 2028 | 0 | 47.0 | 27.7 | -6.2 | 190 | 0.00 |
| | Chandigarh | 285 | 0 | 6.0 | 6.2 | -0.2 | 11 | 0.00 |
| | Chhattisgarh | 4015 | 0 | 94.1 | 49.8 | -0.4 | 435 | 0.14 |
| | Gujarat | 13048 | 0 | 303.6 | 142.1 | -3.1 | 474 | 0.00 |
| | MP | 9303 | 0 | 203.6 | 78.8 | 0.0 | 565 | 0.00 |
| WR | Maharashtra | 19649 | 0 | 427.9 | 150.5 | -2.6 | 537 | 0.00 |
| | Goa | 534 | 0 | 10.9 | 11.1 | -0.2 | 43 | 0.00 |
| | DNHDDPDCL | 1086 | 0 | 25.2 | 25.2 | 0.0 | 39 | 0.00 |
| | AMNSIL | 844 | 0 | 18.0 | 11.9 | 0.0 | 252 | 0.00 |
| | Andhra Pradesh | 8707 | 0 | 184.4 | 47.9 | -0.5 | 555 | 0.00 |
| | Telangana | 9705 | 0 | 177.8 | 74.8 | 1.5 | 659 | 0.00 |
| SR | Karnataka | 8734 | 0 | 166.8 | 42.5 | -0.9 | 565 | 0.00 |
| | Kerala | 3217 | 0 | 64.8 | 29.7 | -0.3 | 315 | 0.00 |
| | Tamil Nadu | 12812 | 0 | 281.7 | 121.9 | -1.4 | 492 | 0.00 |
| | Puducherry | 391 | 0 | 8.8 | 8.3 | -0.2 | 42 | 0.00 |
| | Bihar | 6518 | 698 | 128.1 | 117.0 | 1.5 | 390 | 2.97 |
| | DVC | 3652 | 0 | 77.0 | -34.3 | -0.1 | 233 | 0.00 |
| | Jharkhand | 1705 | 0 | 33.8 | 25.2 | -0.4 | 178 | 0.12 |
| ER | Odisha | 6335 | 0 | 136.4 | 82.5 | -0.9 | 283 | 0.00 |
| | West Bengal | 8761 | 0 | 164.2 | 50.9 | -0.4 | 508 | 0.00 |
| | Sikkim | 74 | 0 | 1.1 | 1.2 | -0.1 | 11 | 0.00 |
| • | Arunachal Pradesh | 143 | 0 | 2.5 | 2.3 | -0.3 | 18 | 0.00 |
| | Assam | 1990 | 0 | 36.7 | 29.1 | -0.1 | 78 | 0.00 |
| | Manipur | 175 | 0 | 2.6 | 2.6 | 0.0 | 18 | 0.00 |
| NER | Meghalaya | 291 | 0 | 5.6 | 0.3 | -0.1 | 35 | 0.00 |
| | Mizoram | 90 | 0 | 1.7 | 0.8 | -0.1 | 22 | 0.00 |
| | Nagaland | 136 | 0 | 2.6 | 2.3 | -0.1 | 8 | 0.00 |
| | Tripura | 263 | 0 | 4.8 | 5.2 | -0.3 | 29 | 0.00 |

| D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve) | | | |
|---|--------|-------|------------|
| | Bhutan | Nepal | Bangladesh |
| Actual (MU) | 40.0 | 7.3 | -25.1 |
| Day Peak (MW) | 1860.0 | 326.0 | -1083.0 |

 F. Generation Outage(MW)

 NR
 WR
 SR
 ER
 NER
 TOTAL
 % Share

 Central Sector
 3552
 18081
 7488
 2375
 309
 31804
 43

 State Sector
 7385
 19679
 11975
 3000
 120
 42158
 57

 Total
 10937
 37759
 19463
 5375
 429
 73962
 100

| State Sector | 7385 | 19679 | 11975 | 3000 | 120 | 42158 | 57 |
|-------------------------------|-------|-------|-------|------|-----|-----------|---------|
| Total | 10937 | 37759 | 19463 | 5375 | 429 | 73962 | 100 |
| G. Sourcewise generation (MU) | | | | | | | |
| | NR | WR | SR | ER | NER | All India | % Share |
| Coal | 677 | 899 | 368 | 498 | 13 | 2454 | 60 |
| Lignite | 27 | 10 | 57 | 0 | 0 | 94 | 2 |
| Hydro | | | | | | | |

| Total | 1219 | 1252 | 906 | 630 | 76 | 4082 | |
|--|-------|-------|-------|-------|-------|-------|---|
| | | | | | | | |
| Share of RES in total generation (%) | 10.29 | 16.57 | 30.69 | 0.71 | 0.72 | 15.08 | J |
| Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%) | 40.94 | 27.13 | 52.03 | 20.99 | 45.24 | 36.17 | |

| H. | All | India | Demand | Diversity | Factor |
|----|-----|-------|--------|-----------|--------|
| | | | | | |

Nuclear Gas, Naptha & Diesel RES (Wind, Solar, Biomass & Others)

| Based on Regional Max Demands | 1.041 |
|-------------------------------|-------|
| Based on State Max Demands | 1.078 |

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.

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)

| CII | | | | | | | Date of Reporting: | 25-Jul-2022 |
|---|---|--|--|--|--|--|---|--|
| SI | Voltage Level | Line Details | No. of Circuit | Max Import (MW) | Max Export (MW) | Import (MU) | Export (MU) | NET (MU) |
| Impo | ort/Export of ER (| | | | | - | | () |
| 1 | HVDC | ALIPURDUAR-AGRA | 2 | 0 | 751 | 0.0 | 18.7 | -18.7 |
| 2 | | PUSAULI B/B | - | 0 | 49 | 0.0 | 1.1 | -1.1 |
| 3 | | GAYA-VARANASI | 2 | 504 | 169 | 5.5 | 0.0 | 5.5 |
| 5 | | SASARAM-FATEHPUR GAYA-BALIA | 1 | 104 0 | 184 594 | 0.0 | 0.9 7.6 | -0.9 -7.6 |
| 6 | 400 kV | PUSAULI-VARANASI | 1 | 0 | 70 | 0.0 | 0.9 | -0.9 |
| 7 | | PUSAULI -ALLAHABAD | 1 | 15 | 50 | 0.0 | 0.3 | -0.3 |
| 8 | 400 kV 400 kV | MUZAFFARPUR-GORAKHPUR PATNA-BALIA | 2 | 0 | 857 | 0.0 | 13.9 9.6 | -13.9 |
| 10 | | NAUBATPUR-BALIA | 2 | 0 | 586 625 | 0.0 | 9.7 | -9.6 -9.7 |
| 11 | 400 kV | BIHARSHARIFF-BALIA | 2 | Õ | 480 | 0.0 | 7.0 | -7.0 |
| 12 | | MOTIHARI-GORAKHPUR | 2 | 0 | 443 | 0.0 | 6.5 | -6.5 |
| 13 14 | 400 kV 220 kV | BIHARSHARIFF-VARANASI SAHUPURI-KARAMNASA | 2 | 137 0 | 134 137 | 0.2 | 0.0 2.1 | 0.2 -2.1 |
| 15 | | NAGAR UNTARI-RIHAND | i | 0 | 0 | 0.0 | 0.0 | 0.1 |
| 16 | 132 kV | GARWAH-RIHAND | 1 | 25 | 0 | 0.4 | 0.0 | 0.4 |
| 17 | | KARMANASA-SAHUPURI | 1 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 18 | 132 kV | KARMANASA-CHANDAULI | 1 | 0 | 0 ER-NR | 0.0 6.2 | 0.0 78.3 | -72.1 |
| Impo | ort/Export of ER (| With WR) | | | 221 . 121 | 0.2 | 70.0 | -/2.1 |
| 1 | 765 kV | JHARSUGUDA-DHARAMJAIGARH | 4 | 629 | 0 | 29.4 | 0.0 | 29.4 |
| 2 | 765 kV | NEW RANCHI-DHARAMJAIGARH | 2 | 1382 | 128 | 18.4 | 0.0 | 18.4 |
| 3 | 765 kV | JHARSUGUDA-DURG | 2 | 0 | 314 | 1.4 | 0.0 | 1.4 |
| 4 | 400 kV | JHARSUGUDA-RAIGARH | 4 | 0 | 312 | 2.2 | 0.0 | 2.2 |
| 5 | 400 kV | RANCHI-SIPAT | 2 | 321 | 102 | 3.8 | 0.0 | 3.8 |
| 6 | 220 kV | BUDHIPADAR-RAIGARH | 1 | 59 | 60 | 0.0 | 0.0 | 0.0 |
| 7 | 220 kV | BUDHIPADAR-KORBA | 2 | 140 | 0 | 1.8 | 0.0 | 1.8 |
| Ļ | | THE CONTRACTOR OF THE CONTRACT | | | ER-WR | 57.0 | 0.0 | 57.0 |
| Impo | ort/Export of ER (HVDC | With SR) JEYPORE-GAZUWAKA B/B | 2 | 587 | 0 | 1/15 | 0.0 | 14.5 |
| 2 | | TALCHER-KOLAR BIPOLE | 2 | 0 | 1996 | 14.5 0.0 | 40.8 | -40.8 |
| 3 | 765 kV | ANGUL-SRIKAKULAM | 2 | Ů | 3077 | 0.0 | 50.7 | -50.7 |
| 4 | 400 kV | TALCHER-I/C | 2 | 272 | 924 | 0.0 | 0.8 | -0.8 |
| 5 | 220 kV | BALIMELA-UPPER-SILERRU | 1 | 2 | 0 FR-SR | 0.0 | 0.0 | 0.0 |
| Imne | ort/Export of ER (| With NER) | | | ER-SR | 14.5 | 91.5 | -77.0 |
| 1 | | BINAGURI-BONGAIGAON | 2 | 63 | 211 | 0.0 | 2.1 | -2.1 |
| 2 | 400 kV | ALIPURDUAR-BONGAIGAON | 2 | 193 | 230 | 0.0 | 0.7 | -0.7 |
| 3 | 220 kV | ALIPURDUAR-SALAKATI | 2 | 16 | 66 ER-NER | 0.0 | 0.8 | -0.8 |
| Impo | ort/Export of NER | (With NR) | | | ER-NER | 0.0 | 3.6 | -3.6 |
| 1 mpc | | BISWANATH CHARIALI-AGRA | 2 | 0 | 704 | 0.0 | 16.9 | -16.9 |
| | | | | | NER-NR | 0.0 | 16.9 | -16.9 |
| Impo | ort/Export of WR (| | , | , | | | 2/2 | |
| 1 | HVDC | CHAMPA-KURUKSHETRA VINDHYACHAL B/B | 2 | 0 | 1524 | 0.0 | 36.3 0.0 | -36.3 |
| 3 | HVDC HVDC | MUNDRA-MOHINDERGARH | 2 | 443 | 0 311 | 8.6 0.0 | 7.3 | 8.6 -7.3 |
| 4 | | GWALIOR-AGRA | 2 | 302 | 1717 | 0.0 | 19.5 | -19.5 |
| 5 | | GWALIOR-PHAGI | 2 | 1010 | 845 | 0.0 | 3.4 | -3.4 |
| 6 | | JABALPUR-ORAI | 2 | 3 | 788 | 0.0 | 18.5 | -18.5 |
| 7 8 | 765 kV 765 kV | GWALIOR-ORAI SATNA-ORAI | 1 | 411 0 | 72 834 | 5.3 0.0 | 0.0 14.6 | 5.3 -14.6 |
| 9 | 765 kV | BANASKANTHA-CHITORGARH | 2 | 900 | 363 | 1.7 | 0.0 | 1.7 |
| 10 | 765 kV | VINDHYACHAL-VARANASI | 2 | 0 | 3027 | 0.0 | 50.4 | -50.4 |
| 11 | | ZERDA-KANKROLI | 1 | 239 | 59 | 1.4 | 0.0 | 1.4 |
| 13 | 400 kV 400 kV | ZERDA -BHINMAL VINDHYACHAL -RIHAND | 1 | 462 957 | 79 0 | 4.0 19.7 | 0.0 | 4.0 19.7 |
| 14 | 400 kV | RAPP-SHUJALPUR | 2 | 406 | 391 | 1.0 | 0.0 | 1.0 |
| 15 | | | | | | | | |
| 16 | 220 kV | BHANPURA-RANPUR | 1 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 17 | 220 kV | BHANPURA-MORAK | î | 0 | 30 | 0.0 0.0 | 2.2 | -2.2 |
| 10 | 220 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA | 1 1 | 0 104 | 30 | 0.0 0.0 0.6 | 2.2 0.0 | -2.2 0.6 |
| 18 19 | 220 kV 220 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA | î | 0 | 30 | 0.0 0.0 0.6 1.2 | 2.2 | -2.2 0.6 1.2 |
| | 220 kV 220 kV 220 kV 132 kV | BHANPURA-MORAK MEHGAON-AURAIYA | 1 1 | 0 104 73 | 30 0 3 0 | 0.0 0.0 0.6 1.2 0.0 | 2.2 0.0 0.0 0.0 0.0 0.0 | -2.2 0.6 1.2 0.0 0.0 |
| 19 20 | 220 kV 220 kV 220 kV 132 kV 132 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR | 1 1 | 0 104 73 0 | 30 0 3 | 0.0 0.0 0.6 1.2 0.0 | 2.2 0.0 0.0 0.0 | -2.2 0.6 1.2 0.0 |
| 19 20 Impo | 220 kV 220 kV 220 kV 132 kV 132 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) | 1 1 | 0 104 73 0 | 30 0 3 0 0 WR-NR | 0.0 0.0 0.6 1.2 0.0 0.0 43.3 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 | -2.2 0.6 1.2 0.0 0.0 -108.9 |
| 19 20 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR (| BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B | 1 1 | 0 104 73 0 0 | 30 0 3 0 0 WR-NR | 0.0 0.0 0.6 1.2 0.0 0.0 43.3 | 2.2 0.0 0.0 0.0 0.0 152.2 | -2.2 0.6 1.2 0.0 0.0 -108.9 |
| 19 20 Impo 1 2 3 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR | 1 1 1 1 1 2 | 0 104 73 0 0 0 984 1929 585 | 30 0 3 0 0 WR-NR 0 0 0 2025 | 0.0 0.0 0.6 1.2 0.0 0.0 43.3 24.0 34.6 0.0 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 0.0 13.6 | -2.2 0.6 1.2 0.0 0.0 -108.9 24.0 34.6 -13.6 |
| 19 20 Impo 1 2 3 4 | 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 14VDC HVDC HVDC 765 kV 765 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD | 1 1 1 1 1 2 | 0 104 73 0 0 0 | 30 0 3 0 0 WR-NR 0 0 0 2025 3106 | 0.0 0.0 0.6 1.2 0.0 0.0 43.3 24.0 34.6 0.0 | 2.2 0.0 0.0 0.0 0.0 152.2 0.0 0.0 13.6 46.6 | -2.2 0.6 1.2 0.0 0.0 -108.9 24.0 34.6 -13.6 -46.6 |
| 19 20 Impo 1 2 3 4 5 | 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 765 kV 400 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI | 1 1 1 1 2 2 | 0 104 73 0 0 0 984 1929 585 0 0 | 30 0 3 0 0 WR-NR 0 0 0 2025 3106 | 0.0 0.6 1.2 0.0 0.0 43.3 24.0 34.6 0.0 0.0 | 2.2 0.0 0.0 0.0 0.0 152.2 0.0 0.0 13.6 46.6 | 2.2 0.6 1.2 0.0 0.0 -108.9 24.0 34.6 -13.6 -46.6 22.1 |
| 19 20 Impo 1 2 3 4 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 765 kV 400 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD | 1 1 1 1 1 2 | 0 104 73 0 0 0 | 30 0 3 0 0 WR-NR 0 0 0 2025 3106 | 0.0 0.0 0.6 1.2 0.0 0.0 43.3 24.0 34.6 0.0 | 2.2 0.0 0.0 0.0 0.0 152.2 0.0 0.0 13.6 46.6 | -2.2 0.6 1.2 0.0 0.0 -108.9 24.0 34.6 -13.6 -46.6 |
| 19 20 Impo 1 2 3 4 5 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI | 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 | 0 104 73 0 0 0 1929 585 0 1365 0 | 30 0 3 0 0 WR-NR 0 0 2025 3106 0 0 0 | 0.0 0.0 0.6 1.2 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 0.0 0.0 0.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 | 2.2 0.0 0.0 0.0 0.0 152.2 0.0 0.0 13.6 46.6 0.0 0.0 0.0 | 2.2 0.6 1.2 0.0 0.0 -108.9 24.0 34.6 -46.6 -22.1 0.0 0.0 0.0 1.9 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI | 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 | 0 104 73 0 0 984 1929 585 0 1365 0 | 30 0 3 0 0 WR-NR 0 0 0 2025 3106 0 0 | 0.0 0.6 1.2 0.0 0.0 0.0 43.3 24.0 34.6 0.0 0.0 22.1 0.0 | 2.2 0.0 0.0 0.0 0.0 152.2 0.0 1.3.6 46.6 0.0 0.0 | 2.2 0.6 1.2 0.0 0.0 -108.9 24.0 24.0 -13.6 -46.6 22.1 0.0 0.0 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWALIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI | 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 | 984 1929 585 0 0 1365 0 0 0 | 30 0 3 0 0 WR-NR 0 0 2025 3106 0 0 0 | 0.0 0.0 0.6 1.2 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 0.0 0.0 0.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 | 2.2 0.0 0.0 0.0 0.0 152.2 0.0 13.6 46.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 2.2 0.6 1.2 0.0 0.0 -108.9 24.0 -13.6 -46.6 -22.1 0.0 0.0 1.9 22.3 +ve)/Export(-ve) |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWALIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI | 1 1 1 1 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX | 984 1929 585 0 0 1365 0 0 0 | 30 0 3 0 0 WR-NR 0 0 2025 3106 0 0 0 | 0.0 0.0 0.6 1.2 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 0.0 0.0 0.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 | 2.2 0.0 0.0 0.0 0.0 152.2 0.0 13.6 46.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 2.22 0.6 1.2 0.0 0.0 0.0 -108.9 24.0 34.6 -13.6 22.1 0.0 0.0 1.9 22.3 (+ve)/Export(-ve) |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR of HVDC 765 kV 400 kV 220 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMARD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI | 1 | 0 104 73 0 0 984 1929 585 0 1365 0 0 0 CCHANGES | 30 0 3 0 0 WR-NR 0 0 2025 3106 0 0 98 | 0.0 0.0 0.6 1.2 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 1.9 82.5 | 2.2 0.0 0.0 0.0 0.0 152.2 0.0 13.6 46.6 0.0 0.0 0.0 0.0 13.0 13.0 13.0 13.0 13. | 2.2 0.6 1.2 0.0 0.0 -108.9 24.0 -46.6 -22.1 0.0 0.0 1.9 22.3 ++ve)/Export(-ve) |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR of HVDC 765 kV 400 kV 220 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMARD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI | 1 1 1 1 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX | 0 104 73 0 0 984 1929 585 0 1365 0 0 0 0 CCHANGES | 30 0 3 0 0 WR-NR 0 0 2025 3106 0 0 98 | 0.0 0.0 0.6 1.2 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 1.9 82.5 | 2.2 0.0 0.0 0.0 0.0 152.2 0.0 13.6 46.6 0.0 0.0 0.0 0.0 13.0 13.0 13.0 13.0 13. | 2.22 0.6 1.2 0.0 0.0 0.0 -108.9 24.0 34.6 -13.6 22.1 0.0 0.0 1.9 22.3 (+ve)/Export(-ve) |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR of HVDC 765 kV 400 kV 220 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region | - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 0 104 104 73 73 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 30 0 3 3 0 0 WR-NR 0 0 2025 3106 0 0 0 0 WR-SR | 0.0 0.0 0.6 1.2 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 22.1 0.0 0.0 0.0 Min (MW) | 2.2 0.0 0.0 0.0 0.0 152.2 0.0 0.0 13.6 46.6 0.0 0.0 0.0 0.0 13.6 Value of the second | 2.22 0.6 1.2 0.0 0.0 0.0 0.0 -108.9 24.0 34.6 -13.6 -46.6 22.1 0.0 0.0 1.9 22.3 (+ve)/Export(-ve) Energy Exchange |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR of HVDC 765 kV 400 kV 220 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMARAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-HIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER | 1 | 0 104 104 73 0 0 0 104 105 105 105 105 105 105 105 105 105 105 | 30 0 3 3 0 0 WR-NR 0 0 2025 3106 0 0 98 WR-SR | 0.0 0.0 0.6 1.2 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 1.9 82.5 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 13.6 46.6 0.0 0.0 0.0 0.0 15.0 13.6 46.6 50.0 0.0 0.0 50.0 10.0 50.0 560.2 | 2.2.2 0.6 1.2 0.0 0.0 0.0 0.0 -108.9 24.0 13.6 -13.6 -46.6 22.1 0.0 1.9 1.9 Energy Exchange (MU) 13.6 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR of HVDC 765 kV 400 kV 220 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region | 1 | 0 104 104 73 0 0 0 0 104 105 105 105 105 105 105 105 105 105 105 | 30 0 3 3 0 0 WR-NR 0 0 2025 3106 0 0 0 0 WR-SR | 0.0 0.0 0.6 1.2 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 22.1 0.0 0.0 0.0 Min (MW) | 2.2 0.0 0.0 0.0 0.0 152.2 0.0 0.0 13.6 46.6 0.0 0.0 0.0 0.0 13.6 Value of the second | 2.22 0.6 1.2 0.0 0.0 0.0 0.0 -108.9 24.0 34.6 -13.6 -46.6 22.1 0.0 0.0 1.9 22.3 (+ve)/Export(-ve) Energy Exchange |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER | | 0 104 104 173 104 173 105 105 105 105 105 105 105 105 105 105 | 30 0 3 3 0 0 WR-NR 0 0 2025 3106 0 0 0 98 WR-SR | 0.0 0.0 0.6 1.2 0.0 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 0.0 13.6 46.6 0.0 0.0 0.0 0.0 0.0 0.0 Avg (MW) 565 | 2.2.2 0.6 1.2 0.0 0.0 0.0 0.0 -108.9 24.0 34.6 -13.6 -46.6 22.1 0.0 0.0 1.9 22.3 (+ve)/Export(-ve) Energy Exchange (MU) 13.6 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR of HVDC 765 kV 400 kV 220 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMARAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-HIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER | 1 | 0 104 104 173 104 173 105 105 105 105 105 105 105 105 105 105 | 30 0 3 3 0 0 WR-NR 0 0 2025 3106 0 0 98 WR-SR | 0.0 0.0 0.6 1.2 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 1.9 82.5 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 13.6 46.6 0.0 0.0 0.0 0.0 15.0 13.6 46.6 50.0 0.0 0.0 50.0 10.0 50.0 560.2 | 2.2.2 0.6 1.2 0.0 0.0 0.0 0.0 -108.9 24.0 13.6 -13.6 -46.6 22.1 0.0 1.9 1.9 Energy Exchange (MU) 13.6 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 0 104 104 173 104 173 105 105 105 105 105 105 105 105 105 105 | 30 0 3 3 0 0 WR-NR 0 0 2025 3106 0 0 0 98 WR-SR | 0.0 0.0 0.6 1.2 0.0 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 13.6 46.6 0.0 0.0 0.0 0.0 13.6 565 | 2.2.2 0.6 1.2 0.0 0.0 0.0 0.0 -108.9 24.0 34.6 -13.6 -46.6 22.1 0.0 0.0 1.9 22.3 (+ve)/Export(-ve) Energy Exchange (MU) 13.6 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER | 1 | 0 104 104 173 104 173 105 105 105 105 105 105 105 105 105 105 | 30 0 3 3 0 0 WR-NR 0 0 2025 3106 0 0 0 98 WR-SR | 0.0 0.0 0.6 1.2 0.0 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 0.0 13.6 46.6 0.0 0.0 0.0 0.0 0.0 0.0 Avg (MW) 565 | 2.2.2 0.6 1.2 0.0 0.0 0.0 0.0 -108.9 24.0 34.6 -13.6 -46.6 22.1 0.0 0.0 1.9 22.3 (+ve)/Export(-ve) Energy Exchange (MU) 13.6 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWALMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 0 104 104 173 104 173 105 105 105 105 105 105 105 105 105 105 | 30 0 3 3 0 0 WR-NR 0 0 2025 3106 0 0 0 98 WR-SR | 0.0 0.0 0.0 0.0 0.0 1.2 0.0 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 1.9 82.5 Min (MW) | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 13.6 46.6 0.0 0.0 0.0 0.0 13.6 565 | 2.2.2 0.6 1.2 0.0 0.0 0.0 0.0 -108.9 24.0 13.6 -13.6 -46.6 22.1 0.0 1.9 22.3 +ve)/Export(-ve) Energy Exchange (MU) 13.6 25.1 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWALMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 0 104 104 173 104 173 105 105 105 105 105 105 105 105 105 105 | 30 0 3 3 0 0 WR-NR 0 0 2025 3106 0 0 0 98 WR-SR | 0.0 0.0 0.0 0.0 0.0 1.2 0.0 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 1.9 82.5 Min (MW) | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 13.6 46.6 0.0 0.0 0.0 0.0 13.6 565 | 2.2.2 0.6 1.2 0.0 0.0 0.0 0.0 -108.9 24.0 13.6 -13.6 -46.6 22.1 0.0 1.9 22.3 +ve)/Export(-ve) Energy Exchange (MU) 13.6 25.1 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-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 IN Region ER ER ER ER | TERNATIONAL EX 2 2 2 2 2 2 2 2 2 2 1 1 1 Line 400KV MANGDECHI 1,283 i.e. ALIPURDU 1,283 i.e. ALIPURDU MANGDECHI 1,284 i.e. ALIPURDU MANGDECHI HEP 400KV TALA-BINAG MALBASE - BINAG MALBASE - BINAG MALBASE - BIRAG MALBASE - | 0 104 104 173 104 173 105 105 105 105 105 105 105 105 105 105 | 30 0 3 3 0 0 WR-NR 0 0 2025 3106 0 0 0 98 WR-SR Max (MW) 595 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 0.0 13.6 46.6 0.0 0.0 0.0 0.0 0.0 0.0 40.0 0.0 0.0 0 | 2.2 0.6 1.2 0.6 1.2 0.0 0.0 0.0 -108.9 24.0 34.6 -13.6 -46.6 22.1 0.0 0.0 1.9 22.3 (+ve)/Export(-ve) Energy Exchange (MU) 13.6 25.1 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWALMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGAHR-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER | TERNATIONAL EX 2 2 2 2 2 2 2 2 2 1 III II III II III II III II | 0 104 104 173 10 104 173 10 104 173 10 104 173 10 104 173 105 105 105 105 105 105 105 105 105 105 | 30 0 0 3 0 0 WR-NR 0 0 2025 3106 0 0 98 WR-SR Max (MW) 595 | 0.0 0.0 0.0 0.0 0.0 1.2 0.0 0.0 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 1.9 82.5 Min (MW) 554 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 13.6 46.6 0.0 0.0 0.0 0.0 0.0 0.0 10 0.0 0.0 10 0.0 0. | 2.2.2 0.6 1.2 0.0 0.0 0.0 0.0 -108.9 24.0 34.6 -13.6 -46.6 22.1 0.0 0.0 1.9 22.3 +vey/Export(-ve) Energy Exchange (MU) 13.6 25.1 -0.2 -0.7 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-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 IN Region ER ER ER ER | 1 | 0 104 104 173 10 104 173 10 104 173 10 104 173 10 105 105 105 105 105 105 105 105 105 | 30 0 3 3 0 0 WR-NR 0 0 2025 3106 0 0 0 98 WR-SR Max (MW) 595 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 0.0 13.6 46.6 0.0 0.0 0.0 0.0 0.0 0.0 40.0 0.0 0.0 0 | 2.22 0.6 1.2 0.0 0.0 0.0 0.0 -108.9 24.0 34.6 -13.6 -46.6 22.1 0.0 0.0 1.9 22.3 (+ve)/Export(-ve) Energy Exchange (MU) 13.6 25.1 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-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 XELDEM-AMBEWADI IN Region ER ER ER NER NER | TERNATIONAL EX 2 2 2 2 2 2 2 2 2 2 1 1 1 Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU 1,2&3 i.e. ALIPURDU MANGDECHI 1,2&3 i.e. ALIPURDU 1,2&4 i.e. ALIPURDU 1,2&4 i.e. ALIPURDU 1,2&5 i.e. AL | 0 104 104 173 104 173 109 109 109 109 109 109 109 109 109 109 | 30 0 0 3 3 0 0 WR-NR 0 0 2025 3106 0 0 0 98 WR-SR Max (MW) 595 | 0.0 0.0 0.0 0.0 0.6 1.2 0.0 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 0.0 1.9 82.5 Min (MW) 554 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 13.6 46.6 0.0 0.0 0.0 150.2 Import Avg (MW) 565 1047 89 -8 -8 | 2.22 0.6 1.2 0.0 0.0 0.0 -108.9 -108.9 -13.6 -13.6 -46.6 -22.1 0.0 0.0 1.9 22.3 (+ve)/Export(-ve) Energy Exchange (MU) 13.6 -25.1 -0.2 -0.7 -0.8 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWALMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGAHR-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER | TERNATIONAL EX 2 2 2 2 2 2 2 2 2 1 III II III II III II III II | 0 104 104 173 104 173 109 109 109 109 109 109 109 109 109 109 | 30 0 0 3 0 0 WR-NR 0 0 2025 3106 0 0 98 WR-SR Max (MW) 595 | 0.0 0.0 0.0 0.0 0.0 1.2 0.0 0.0 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 1.9 82.5 Min (MW) 554 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 13.6 46.6 0.0 0.0 0.0 0.0 0.0 0.0 10 0.0 0.0 10 0.0 0. | 2.22 0.6 1.2 0.0 0.0 0.0 0.0 -108.9 24.0 34.6 -13.6 -46.6 22.1 0.0 0.0 1.9 22.3 +ve)/Export(-ve) Energy Exchange (MU) 13.6 25.1 -0.2 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-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 XELDEM-AMBEWADI IN Region ER ER ER NER NER | TERNATIONAL EX 2 2 2 2 2 2 2 2 2 2 1 1 1 Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU 1,2&3 i.e. ALIPURDU MANGDECHI 1,2&3 i.e. ALIPURDU 1,2&4 i.e. ALIPURDU 1,2&4 i.e. ALIPURDU 1,2&5 i.e. AL | 0 104 104 173 104 173 109 109 109 109 109 109 109 109 109 109 | 30 0 0 3 3 0 0 WR-NR 0 0 2025 3106 0 0 0 98 WR-SR Max (MW) 595 | 0.0 0.0 0.0 0.0 0.6 1.2 0.0 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 0.0 1.9 82.5 Min (MW) 554 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 13.6 46.6 0.0 0.0 0.0 150.2 Import Avg (MW) 565 1047 89 -8 -8 | 2.22 0.6 1.2 0.0 0.0 0.0 -108.9 -108.9 -13.6 -13.6 -46.6 -22.1 0.0 0.0 1.9 22.3 (+ve)/Export(-ve) Energy Exchange (MU) 13.6 -25.1 -0.2 -0.7 -0.8 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-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 XELDEM-AMBEWADI IN Region ER ER ER NER NER | TERNATIONAL EX 2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGBECH 1,2&3 i.e. ALIPURDU MANGBECH H 1,2&3 i.e. ALIPURDU MA | 0 104 104 173 104 173 109 109 109 109 109 109 109 109 109 109 | 30 0 0 3 3 0 0 WR-NR 0 0 2025 3106 0 0 0 98 WR-SR Max (MW) 595 | 0.0 0.0 0.0 0.0 0.6 1.2 0.0 0.0 0.0 43.3 24.0 34.6 0.0 0.0 0.0 0.0 1.9 82.5 Min (MW) 554 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 13.6 46.6 0.0 0.0 0.0 150.2 Import Avg (MW) 565 1047 89 -8 -8 | -2.2 -0.6 -1.2 -0.0 -1.0 -0.0 -108.9 -108.9 -13.6 -13.6 -13.6 -22.1 -0.0 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER | TERNATIONAL EX 2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGBECH 1,2&3 i.e. ALIPURDU MANGBECH H 1,2&3 i.e. ALIPURDU MA | 0 104 104 173 104 173 105 105 105 105 105 105 105 105 105 105 | 30 0 0 0 WR-NR 0 0 0 2025 3106 0 0 0 98 WR-SR Max (MW) 595 1097 134 -24 -47 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 0.0 13.6 0.0 0.0 0.0 13.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10 0.0 0.0 | -2.2 -0.6 -1.2 -0.6 -1.2 -0.0 -0.0 -108.9 24.0 -13.6 -13.6 -46.6 -22.1 -0.0 -0.0 -1.9 -22.3 +ve)/Export(-ve) Energy Exchange (MU) -13.6 25.1 -0.2 -0.7 -0.8 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER | TERNATIONAL EX 2 2 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGBECHI 1,2&3 i.e. ALIPURDU 1,2&3 i.e. ALIPURDU MANGBECHI 1,2&3 i.e. ALIPURDU 1,2&4 i.e. ALIPURD 1,2 i.e. ALIPURDU 1,2 i.e. ALIPURD 1,2 i.e. ALIPURD 1,2 i.e. ALIPURD 1,2 i.e. | 0 104 104 173 104 173 105 105 105 105 105 105 105 105 105 105 | 30 0 0 0 WR-NR 0 0 0 2025 3106 0 0 0 98 WR-SR Max (MW) 595 1097 134 -24 -47 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 0.0 13.6 0.0 0.0 0.0 13.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10 0.0 0.0 | -2.2 -0.6 -1.2 -0.6 -1.2 -0.0 -0.0 -108.9 24.0 -13.6 -13.6 -46.6 -22.1 -0.0 -0.0 -1.9 -22.3 +ve)/Export(-ve) Energy Exchange (MU) -13.6 25.1 -0.2 -0.7 -0.8 |
| 19 20 1 2 3 4 5 6 | 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B-B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER NER NER NER NER N | TERNATIONAL EX 2 2 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGBECHI 1,2&3 i.e. ALIPURDU 1,2&3 i.e. ALIPURDU MANGBECHI 1,2&3 i.e. ALIPURDU 1,2&4 i.e. ALIPURD 1,2 i.e. ALIPURDU 1,2 i.e. ALIPURD 1,2 i.e. ALIPURD 1,2 i.e. ALIPURD 1,2 i.e. | 0 104 73 73 0 0 984 1929 585 0 1365 0 0 1365 0 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4/180MW) URI 12,4 (& 400KW) URI 12,4 (& 400KW) LAKATI AHEP (6*170MW) PPARA 182 (& 20KW A) i.e. BINAGURI AHEP (8*10MW) LAKATI ANGIA NAGAR- | 30 0 0 3 3 0 0 WR-NR 0 0 0 2025 3106 0 0 98 WR-SR 1097 134 -24 -47 -62 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 0.0 13.6 46.6 0.0 0.0 0.0 0.0 0.0 0.0 10 10 10 10 10 10 10 10 10 10 10 10 10 | -2.2 -0.6 -1.2 -0.6 -1.2 -0.0 -0.0 -108.9 -108.9 -13.6 -13.6 -13.6 -22.1 -0.0 -0.0 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 |
| 19 20 Imped 1 2 3 4 4 5 6 7 8 8 | 220 kV 220 kV 220 kV 132 kV 132 kV 152 kV rt/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State BHUTAN | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER NER NER NER | TERNATIONAL EX 2 2 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGBECHI 1,2&3 i.e. ALIPURDU 1,2&3 i.e. ALIPURDU MANGBECHI 1,2&3 i.e. ALIPURDU 1,2&4 i.e. ALIPURD 1,2 i.e. ALIPURDU 1,2 i.e. ALIPURD 1,2 i.e. ALIPURD 1,2 i.e. ALIPURD 1,2 i.e. | 0 104 73 0 0 984 1929 585 0 1365 0 0 1365 0 0 0 CHANGES Name BU-ALIPURDUAR AR RECEIPT (from 44180MW) URI 1,2,4 (& 400KV) RIPLA,2 (& 400KV) RIPLA,2 (& 400KV) RIPLA,3 (& 400KV) RIPLARA (& 400KV) | 30 0 3 3 3 0 0 WR-NR 0 0 2025 3106 0 0 0 98 WR-SR 1097 134 -24 -47 -62 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 0.0 13.6 0.0 13.6 0.0 0.0 0.0 13.6 146.6 0.0 0.0 146.6 0.0 0.0 0.0 140.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | -2.2 -0.6 -1.2 -0.6 -1.2 -0.0 -0.0 -0.0 -108.9 24.0 -13.6 -13.6 -46.6 -22.1 -0.0 -0.0 -1.9 -22.3 -+ve)/Export(-ve) Energy Exchange (MU) -13.6 25.1 -0.2 -0.7 -0.8 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 |
| 19 20 Imped 1 2 3 4 4 5 6 7 8 8 | 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV ort/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State | BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B-B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER NER NER NER NER N | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 0 104 73 0 0 984 1929 585 0 1365 0 0 1365 0 0 0 CHANGES Name BU-ALIPURDUAR AR RECEIPT (from 44180MW) URI 1,2,4 (& 400KV) RIPLA,2 (& 400KV) RIPLA,2 (& 400KV) RIPLA,3 (& 400KV) RIPLARA (& 400KV) | 30 0 0 3 3 0 0 WR-NR 0 0 0 2025 3106 0 0 98 WR-SR 1097 134 -24 -47 -62 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 2.2 0.0 0.0 0.0 0.0 0.0 152.2 0.0 0.0 13.6 46.6 0.0 0.0 0.0 0.0 0.0 0.0 10 10 10 10 10 10 10 10 10 10 10 10 10 | -2.2 -0.6 -1.2 -0.6 -1.2 -0.0 -0.0 -108.9 -108.9 -13.6 -13.6 -13.6 -22.1 -0.0 -0.0 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 |