



**National Load Despatch Centre**  
**राष्ट्रीय भार प्रेषण केंद्र**  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
**पावर सिस्टम ऑपरेशन कारपोरेशन 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: 11<sup>th</sup> Mar 2021

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
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., डोंगतेह, 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 10.03.2021.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 10-मार्च-2021 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके की वेबसाइट पर उपलब्ध 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 10<sup>th</sup> March 2021, is available at the NLDC website.

धन्यवाद,

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



Report for previous day

Date of Reporting: 11-Mar-2021

A. Power Supply Position at All India and Regional level

|   | NR    | WR    | SR     | ER    | NER   | TOTAL  |
|---|-------|-------|--------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs) | 47899 | 55344 | 46817  | 21182 | 2511  | 173753 |
| Peak Shortage (MW)  | 1643  | 238   | 0      | 0     | 54    | 1935   |
| Energy Met (MU)   | 1057  | 1336  | 1184   | 445   | 43    | 4065   |
| Hydro Gen (MU)  | 111   | 50    | 93     | 34    | 8     | 296    |
| Wind Gen (MU)   | 5     | 29    | 45     | -     | -     | 79     |
| Solar Gen (MU)*   | 43.82 | 37.45 | 116.15 | 4.52  | 0.18  | 202    |
| Energy Shortage (MU)  | 14.17 | 0.90  | 0.00   | 0.00  | 1.88  | 16.95  |
| Maximum Demand Met During the Day (MW) (From NLDC SCADA)          | 50998 | 59602 | 56591  | 21295 | 2561  | 185199 |
| Time Of Maximum Demand Met (From NLDC SCADA)                      | 19:33 | 15:35 | 10:53  | 20:07 | 18:04 | 10:53  |

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 | 0.044 | 0.00   | 1.10        | 11.72       | 12.82  | 75.23        | 11.94   |

C. Power Supply Position in States

| Region      | States               | Max.Demand Met during the day(MW) | Shortage during maximum Demand(MW) | Energy Met (MU) | Drawal Schedule (MU) | OD(+)/UD(-) (MU) | Max OD (MW) | Energy Shortage (MU) |
|-------------|----------------------|-----------------------------------|------------------------------------|-----------------|----------------------|------------------|-------------|----------------------|
| NR          | Punjab               | 6367                              | 200                                | 137.2           | 62.8                 | -0.1             | 133         | 0.95                 |
|             | Haryana              | 6757                              | 0                                  | 138.5           | 82.5                 | 1.4              | 239         | 1.09                 |
|             | Rajasthan            | 12894                             | 0                                  | 256.2           | 89.5                 | 3.3              | 459         | 1.66                 |
|             | Delhi                | 3584                              | 0                                  | 67.9            | 52.5                 | -1.0             | 151         | 0.00                 |
|             | UP                   | 18176                             | 0                                  | 331.9           | 125.1                | -2.8             | 268         | 0.00                 |
|             | Uttarakhand          | 2029                              | 0                                  | 38.0            | 20.9                 | 0.8              | 129         | 0.47                 |
|             | HP                   | 1717                              | 0                                  | 31.6            | 24.9                 | 1.5              | 291         | 0.00                 |
|             | J&K(UT) & Ladakh(UT) | 2768                              | 500                                | 52.4            | 44.9                 | 0.4              | 328         | 10.00                |
| WR          | Chhattisgarh         | 189                               | 0                                  | 3.4             | 3.2                  | 0.2              | 37          | 0.00                 |
|             | Gujarat              | 4600                              | 0                                  | 106.8           | 54.3                 | 1.6              | 571         | 0.90                 |
|             | Gujarat              | 17466                             | 0                                  | 378.6           | 140.1                | 5.3              | 1003        | 0.00                 |
|             | MP                   | 12479                             | 0                                  | 252.7           | 139.8                | -0.7             | 541         | 0.00                 |
|             | Maharashtra          | 24862                             | 0                                  | 538.3           | 167.2                | -3.8             | 693         | 0.00                 |
|             | Goa                  | 599                               | 0                                  | 12.2            | 11.9                 | -0.2             | 64          | 0.00                 |
|             | DD                   | 355                               | 0                                  | 8.0             | 7.6                  | 0.4              | 199         | 0.00                 |
|             | DNH                  | 888                               | 0                                  | 20.6            | 20.3                 | 0.3              | 347         | 0.00                 |
| SR          | AMNSIL               | 830                               | 0                                  | 18.5            | 1.2                  | 0.2              | 233         | 0.00                 |
|             | Andhra Pradesh       | 10853                             | 0                                  | 212.2           | 85.8                 | 0.6              | 537         | 0.00                 |
|             | Telangana            | 13310                             | 0                                  | 271.6           | 149.5                | 1.1              | 716         | 0.00                 |
|             | Karnataka            | 13650                             | 0                                  | 265.8           | 80.7                 | 0.0              | 663         | 0.00                 |
|             | Kerala               | 3943                              | 0                                  | 83.0            | 55.7                 | -0.1             | 293         | 0.00                 |
|             | Tamil Nadu           | 15763                             | 0                                  | 342.7           | 198.1                | -1.6             | 823         | 0.00                 |
|             | Puducherry           | 406                               | 0                                  | 8.4             | 8.4                  | 0.1              | 33          | 0.00                 |
|             | ER                   | Bihar                             | 5109                               | 0               | 94.0                 | 83.4             | 2.3         | 419                  |
| DVC         |                      | 4435                              | 0                                  | 63.8            | 46.5                 | -2.5             | 535         | 0.00                 |
| Jharkhand   |                      | 1478                              | 0                                  | 27.5            | 19.4                 | -0.6             | 209         | 0.00                 |
| Odisha      |                      | 4875                              | 0                                  | 100.5           | 27.1                 | 0.0              | 727         | 0.00                 |
| West Bengal |                      | 7330                              | 0                                  | 158.0           | 20.9                 | -1.2             | 675         | 0.00                 |
| Sikkim      |                      | 1700                              | 0                                  | 1.2             | 1.8                  | -0.7             | 98          | 0.00                 |
| NER         | Arunachal Pradesh    | 125                               | 3                                  | 2.2             | 2.0                  | 0.2              | 36          | 0.01                 |
|             | Assam                | 1505                              | 43                                 | 24.2            | 19.3                 | 0.3              | 104         | 1.70                 |
|             | Manipur              | 198                               | 5                                  | 2.5             | 2.5                  | -0.1             | 42          | 0.01                 |
|             | Meghalaya            | 352                               | 0                                  | 6.2             | 5.0                  | 0.0              | 71          | 0.14                 |
|             | Mizoram              | 101                               | 4                                  | 1.6             | 1.4                  | -0.1             | 26          | 0.01                 |
|             | Nagaland             | 126                               | 3                                  | 2.2             | 1.9                  | 0.2              | 21          | 0.01                 |
|             | Tripura              | 253                               | 6                                  | 4.2             | 2.9                  | 0.1              | 52          | 0.00                 |

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

|               | Bhutan | Nepal  | Bangladesh |
|---------------|--------|--------|------------|
| Actual (MU)   | 3.2    | -14.5  | -20.4      |
| Day Peak (MW) | 186.0  | -717.4 | -892.0     |

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

|              | NR    | WR     | SR    | ER     | NER | TOTAL |
|--------------|-------|--------|-------|--------|-----|-------|
| Schedule(MU) | 207.7 | -271.3 | 193.9 | -131.2 | 0.9 | 0.0   |
| Actual(MU)   | 207.4 | -272.2 | 179.0 | -122.3 | 1.1 | -7.0  |
| OD/UD(MU)    | -0.4  | -0.9   | -14.9 | 8.9    | 0.2 | -7.0  |

F. Generation Outage(MW)

|                | NR    | WR    | SR    | ER   | NER | TOTAL | % Share |
|----------------|-------|-------|-------|------|-----|-------|---------|
| Central Sector | 5490  | 15208 | 7172  | 1548 | 772 | 30190 | 43      |
| State Sector   | 13332 | 15048 | 7292  | 4317 | 11  | 39999 | 57      |
| Total          | 18822 | 30255 | 14464 | 5865 | 783 | 70189 | 100     |

G. Sourcewise generation (MU)

|                                     | NR  | WR   | SR   | ER  | NER | All India | % Share |
|-------------------------------------|-----|------|------|-----|-----|-----------|---------|
| Coal                                | 609 | 1434 | 634  | 568 | 15  | 3261      | 78      |
| Lignite                             | 28  | 10   | 42   | 0   | 0   | 80        | 2       |
| Hvdro                               | 111 | 50   | 93   | 34  | 8   | 295       | 7       |
| Nuclear                             | 23  | 21   | 37   | 0   | 0   | 81        | 2       |
| Gas, Naptha & Diesel                | 30  | 42   | 16   | 0   | 24  | 112       | 3       |
| RES (Wind, Solar, Biomass & Others) | 75  | 67   | 199  | 5   | 0   | 346       | 8       |
| Total                               | 876 | 1625 | 1021 | 607 | 47  | 4176      | 100     |

|   |       |      |       |      |       |       |
|---|-------|------|-------|------|-------|-------|
| Share of RES in total generation (%)                                    | 8.56  | 4.15 | 19.48 | 0.75 | 0.38  | 8.29  |
| Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%) | 23.83 | 8.52 | 32.18 | 6.34 | 16.81 | 17.30 |

H. All India Demand Diversity Factor

|                               |       |
|-------------------------------|-------|
| Based on Regional Max Demands | 1.032 |
| Based on State Max Demands    | 1.091 |

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.

Executive Director-NLDC

INTER-REGIONAL EXCHANGES

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

Date of Reporting: 11-Mar-2021

| Sl No                                 | Voltage Level | Line Details             | No. of Circuit | Max Import (MW) | Max Export (MW) | Import (MU) | Export (MU) | NET (MU) |        |
|---------------------------------------|---------------|--------------------------|----------------|-----------------|-----------------|-------------|-------------|----------|--------|
| <b>Import/Export of ER (With NR)</b>  |               |                          |                |                 |                 |             |             |          |        |
| 1                                     | HVDC          | ALIPURDUAR-AGRA          | 2              | 0               | 0               | 0.0         | 0.0         | 0.0      |        |
| 2                                     | HVDC          | PUSAULI B/B              | -              | 0               | 249             | 0.0         | 6.0         | -6.0     |        |
| 3                                     | 765 kV        | GAYA-VARANASI            | 2              | 0               | 657             | 0.0         | 10.4        | -10.4    |        |
| 4                                     | 765 kV        | SASARAM-FATEHPUR         | 1              | 0               | 306             | 0.0         | 4.3         | -4.3     |        |
| 5                                     | 765 kV        | GAYA-BALIA               | 1              | 0               | 488             | 0.0         | 8.6         | -8.6     |        |
| 6                                     | 400 kV        | PUSAULI-VARANASI         | 1              | 0               | 214             | 0.0         | 4.6         | -4.6     |        |
| 7                                     | 400 kV        | PUSAULI-ALLAHABAD        | 1              | 0               | 79              | 0.0         | 1.2         | -1.2     |        |
| 8                                     | 400 kV        | MUZAFFARPUR-GORAKHPUR    | 2              | 0               | 654             | 0.0         | 10.0        | -10.0    |        |
| 9                                     | 400 kV        | PATNA-BALIA              | 4              | 0               | 1236            | 0.0         | 24.5        | -24.5    |        |
| 10                                    | 400 kV        | BIHARSHARIF-BALIA        | 2              | 0               | 407             | 0.0         | 7.5         | -7.5     |        |
| 11                                    | 400 kV        | MOTIHARI-GORAKHPUR       | 2              | 0               | 338             | 0.0         | 6.1         | -6.1     |        |
| 12                                    | 400 kV        | BIHARSHARIF-VARANASI     | 2              | 9               | 168             | 0.0         | 1.1         | -1.1     |        |
| 13                                    | 220 kV        | PUSAULI-SAHUPURI         | 1              | 61              | 97              | 0.0         | 0.7         | -0.7     |        |
| 14                                    | 132 kV        | SONEG NAGAR-RIHAND       | 1              | 0               | 0               | 0.0         | 0.0         | 0.0      |        |
| 15                                    | 132 kV        | GARWAH-RIHAND            | 1              | 20              | 0               | 0.4         | 0.0         | 0.4      |        |
| 16                                    | 132 kV        | KARMANASA-SAHUPURI       | 1              | 0               | 0               | 0.0         | 0.0         | 0.0      |        |
| 17                                    | 132 kV        | KARMANASA-CHANDAUULI     | 1              | 0               | 35              | 0.0         | 0.0         | 0.0      |        |
|                                       |               |                          |                |                 |                 | ER-NR       | 0.4         | 85.1     | -84.7  |
| <b>Import/Export of ER (With WR)</b>  |               |                          |                |                 |                 |             |             |          |        |
| 1                                     | 765 kV        | JHARSUGUDA-DHARAMJAIGARH | 4              | 1103            | 224             | 12.2        | 0.0         | 12.2     |        |
| 2                                     | 765 kV        | NEW RANCHI-DHARAMJAIGARH | 2              | 515             | 703             | 0.0         | 1.2         | -1.2     |        |
| 3                                     | 765 kV        | JHARSUGUDA-DURG          | 2              | 11              | 365             | 0.0         | 4.0         | -4.0     |        |
| 4                                     | 400 kV        | JHARSUGUDA-RAIGARH       | 4              | 0               | 519             | 0.0         | 6.5         | -6.5     |        |
| 5                                     | 400 kV        | RANCHI-SIPAT             | 2              | 110             | 249             | 0.0         | 1.3         | -1.3     |        |
| 6                                     | 220 kV        | BUDHIPADAR-RAIGARH       | 1              | 0               | 197             | 0.0         | 3.3         | -3.3     |        |
| 7                                     | 220 kV        | BUDHIPADAR-KORBA         | 2              | 91              | 27              | 0.6         | 0.0         | 0.6      |        |
|                                       |               |                          |                |                 |                 | ER-WR       | 12.9        | 16.2     | -3.3   |
| <b>Import/Export of ER (With SR)</b>  |               |                          |                |                 |                 |             |             |          |        |
| 1                                     | HVDC          | JEYPORE-GAZUWAKA B/B     | 2              | 0               | 696             | 0.0         | 13.1        | -13.1    |        |
| 2                                     | HVDC          | TALCHER-KOLAR BIPOLE     | 2              | 0               | 2468            | 0.0         | 28.2        | -28.2    |        |
| 3                                     | 765 kV        | ANGUL-SRIKAKULAM         | 2              | 0               | 2817            | 0.0         | 54.1        | -54.1    |        |
| 4                                     | 400 kV        | TALCHER/JC               | 2              | 1783            | 625             | 16.7        | 0.0         | 16.7     |        |
| 5                                     | 220 kV        | BALIMELA-UPPER-SILERRU   | 1              | 0               | 0               | 0.0         | 0.0         | 0.0      |        |
|                                       |               |                          |                |                 |                 | ER-SR       | 0.0         | 95.4     | -95.4  |
| <b>Import/Export of ER (With NER)</b> |               |                          |                |                 |                 |             |             |          |        |
| 1                                     | 400 kV        | BINAGURI-BONGAIGAON      | 2              | 238             | 25              | 3.1         | 0.0         | 3.1      |        |
| 2                                     | 400 kV        | ALIPURDUAR-BONGAIGAON    | 2              | 404             | 0               | 5.8         | 0.0         | 5.8      |        |
| 3                                     | 220 kV        | ALIPURDUAR-SALAKATI      | 2              | 63              | 0               | 0.7         | 0.0         | 0.7      |        |
|                                       |               |                          |                |                 |                 | ER-NER      | 9.5         | 0.0      | 9.5    |
| <b>Import/Export of NER (With NR)</b> |               |                          |                |                 |                 |             |             |          |        |
| 1                                     | HVDC          | BISWANATH CHARIALI-AGRA  | 2              | 470             | 0               | 11.6        | 0.0         | 11.6     |        |
|                                       |               |                          |                |                 |                 | NER-NR      | 11.6        | 0.0      | 11.6   |
| <b>Import/Export of WR (With SR)</b>  |               |                          |                |                 |                 |             |             |          |        |
| 1                                     | HVDC          | CHAMPA-KURUKSHETRA       | 2              | 0               | 751             | 0.0         | 35.9        | -35.9    |        |
| 2                                     | HVDC          | VINDHYACHAL B/B          | -              | 241             | 0               | 6.0         | 0.0         | 6.0      |        |
| 3                                     | HVDC          | MUNDA-MOHENDERGARH       | 2              | 0               | 983             | 0.0         | 24.2        | -24.2    |        |
| 4                                     | 765 kV        | GWALIOR-AGRA             | 2              | 0               | 2405            | 0.0         | 37.1        | -37.1    |        |
| 5                                     | 765 kV        | PHAGGL-GWALIOR           | 2              | 0               | 1475            | 0.0         | 26.6        | -26.6    |        |
| 6                                     | 765 kV        | JABALPUR-ORAI            | 2              | 1018            | 1013            | 0.0         | 33.6        | -33.6    |        |
| 7                                     | 765 kV        | GWALIOR-ORAI             | 1              | 777             | 0               | 14.8        | 0.0         | 14.8     |        |
| 8                                     | 765 kV        | SATNA-ORAI               | 1              | 0               | 1466            | 0.0         | 29.0        | -29.0    |        |
| 9                                     | 765 kV        | CHITORGARH-BANASKANTHA   | 2              | 547             | 398             | 4.2         | 0.0         | 4.2      |        |
| 10                                    | 400 kV        | ZERDA-KANKROLI           | 1              | 171             | 43              | 2.1         | 0.0         | 2.1      |        |
| 11                                    | 400 kV        | ZERDA-BHINMAL            | 1              | 220             | 172             | 1.2         | 0.0         | 1.2      |        |
| 12                                    | 400 kV        | VINDHYACHAL-RIHAND       | 1              | 997             | 0               | 22.8        | 0.0         | 22.8     |        |
| 13                                    | 400 kV        | RAPP-SHUGALPUR           | 2              | 0               | 438             | 0.0         | 6.2         | -6.2     |        |
| 14                                    | 220 kV        | BHANPURA-RANPUR          | 1              | 0               | 170             | 0.0         | 1.9         | -1.9     |        |
| 15                                    | 220 kV        | BHANPURA-MORAK           | 1              | 0               | 30              | 0.0         | 1.2         | -1.2     |        |
| 16                                    | 220 kV        | MEHGAON-AURAIYA          | 1              | 131             | 0               | 1.9         | 1.8         | 0.2      |        |
| 17                                    | 220 kV        | MALANPUR-AURAIYA         | 1              | 82              | 15              | 1.5         | 0.0         | 1.5      |        |
| 18                                    | 132 kV        | GWALIOR-SAWAI MADHOPUR   | 1              | 0               | 0               | 0.0         | 0.0         | 0.0      |        |
| 19                                    | 132 kV        | RAJGHAT-LALITPUR         | 2              | 0               | 0               | 0.0         | 0.7         | -0.7     |        |
|                                       |               |                          |                |                 |                 | WR-NR       | 54.6        | 198.1    | -143.5 |
| <b>Import/Export of WR (With SR)</b>  |               |                          |                |                 |                 |             |             |          |        |
| 1                                     | HVDC          | BHADRAWATI B/B           | -              | 0               | 1019            | 0.0         | 22.5        | -22.5    |        |
| 2                                     | HVDC          | RAIGARH-PUGALUR          | 2              | 0               | 1515            | 0.0         | 53.1        | -53.1    |        |
| 3                                     | 765 kV        | SOLAPUR-RAICHUR          | 2              | 264             | 2125            | 0.0         | 25.4        | -25.4    |        |
| 4                                     | 765 kV        | WARDHA-NIZAMABAD         | 2              | 0               | 2901            | 0.0         | 50.9        | -50.9    |        |
| 5                                     | 400 kV        | KOLHAPUR-KUDGI           | 2              | 1089            | 0               | 0.0         | 18.9        | -18.9    |        |
| 6                                     | 220 kV        | KOLHAPUR-CHIKODI         | 2              | 0               | 0               | 0.0         | 0.0         | 0.0      |        |
| 7                                     | 220 kV        | PONDA-AMBEWADI           | 1              | 0               | 0               | 0.0         | 0.0         | 0.0      |        |
| 8                                     | 220 kV        | XELDEM-AMBEWADI          | 1              | 1               | 82              | 1.1         | 0.0         | 1.1      |        |
|                                       |               |                          |                |                 |                 | WR-SR       | 1.1         | 170.7    | -169.6 |

| INTERNATIONAL EXCHANGES |        |   |          |          |          |                      |
|-------------------------|--------|---|----------|----------|----------|----------------------|
| State                   | Region | Line Name   | Max (MW) | Min (MW) | Avg (MW) | Energy Exchange (MU) |
| BHUTAN                  | ER     | 400KV MANGDECHHU-ALIPURDUAR 1&2<br>I.e. ALIPURDUAR RECEIPT (from MANGDECHHU HEP 4*180MW)              | 95       | 84       | 88       | 2.1                  |
|                         | ER     | 400KV TALA-BINAGURI 1,2,4 (& 400KV MALBASE - BINAGURI) I.e. BINAGURI RECEIPT (from TALA HEP (6*170MW) | 107      | 0        | 73       | 1.8                  |
|                         | ER     | 220KV CHUKHA-BIRPARA 1&2 (& 220KV MALBASE - BIRPARA) I.e. BIRPARA RECEIPT (from CHUKHA HEP 4*84MW)    | 41       | 0        | -27      | -0.7                 |
|                         | NER    | 132KV-GEYLEGPHU - SALAKATI  | -34      | -9       | 22       | 0.5                  |
|                         | NER    | 132KV Motanga-Rangia  | -23      | 0        | 10       | 0.2                  |
| NEPAL                   | NR     | 132KV-TANAKPUR(NH) - MAHENDRANAGAR(PG)  | -79      | 0        | -71      | -1.7                 |
|                         | ER     | 400KV-MUZAFFARPUR - DHALKEBAR DC  | -331     | -114     | -312     | -7.5                 |
|                         | ER     | 132KV-BIHAR - NEPAL   | -307     | -45      | -221     | -5.3                 |
| BANGLADESH              | ER     | BHERAMARA HVDC(BANGLADESH)  | -746     | 0        | -740     | -17.8                |
|                         | NER    | 132KV-SURAJMANI NAGAR - COMILLA(BANGLADESH)-1   | 73       | 0        | -56      | -1.3                 |
|                         | NER    | 132KV-SURAJMANI NAGAR - COMILLA(BANGLADESH)-2   | 73       | 0        | -55      | -1.3                 |