

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

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Ref: POSOCO/NLDC/SO/Daily PSP Report To,

दिनांक: 02<sup>nd</sup> September 2023

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Sub: Daily PSP Report for the date 01.09.2023.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01-सितम्बर-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  $01^{nd}$  September 2023, is available at the NLDC website.

धन्यवाद.

## ग्रिड कंट्रलर ऑफ इंडिया लिमिटेड राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली



Report for previous day

A. Power Supply Position at All India and Regional level

Date of Reporting: 02-Sep-2023

|   | NR     | WR    | SR     | ER    | NER   | TOTAL  |
|---|--------|-------|--------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs) | 72187  | 64813 | 47304  | 25488 | 3162  | 212954 |
| Peak Shortage (MW)  | 3577   | 4655  | 400    | 1644  | 469   | 10745  |
| Energy Met (MU)   | 1717   | 1595  | 1224   | 616   | 66    | 5219   |
| Hydro Gen (MU)  | 365    | 102   | 112    | 140   | 40    | 758    |
| Wind Gen (MU)   | 25     | 47    | 54     | -     | -     | 125    |
| Solar Gen (MU)*   | 140.40 | 59.95 | 117.92 | 2.50  | 0.96  | 322    |
| Energy Shortage (MU)  | 56.00  | 39.45 | 6.30   | 17.84 | 4.69  | 124.28 |
| Maximum Demand Met During the Day (MW)<br>(From NLDC SCADA)       | 77621  | 74035 | 60813  | 27431 | 3251  | 239978 |
| Time Of Maximum Demand Met  | 12:21  | 14:29 | 12:29  | 23:59 | 18:13 | 12:22  |

| B. Frequency Profile ( | <b>%</b> ) |        |             |             |        |              |         |
|------------------------|------------|--------|-------------|-------------|--------|--------------|---------|
| Region                 | FVI        | < 49.7 | 49.7 - 49.8 | 49.8 - 49.9 | < 49.9 | 49.9 - 50.05 | > 50.05 |
| All India              | 0.114      | 3.21   | 5.75        | 11.38       | 20.33  | 70.29        | 9.37    |

C. Power Supply Position in States

| Region        | States               | Max.Demand<br>Met during the | Shortage during maximum | Energy Met | Drawal<br>Schedule | OD(+)/UD(-) | Max OD | Energy<br>Shortage (MU) |
|---------------|----------------------|------------------------------|-------------------------|------------|--------------------|-------------|--------|-------------------------|
|               |                      | day (MW)                     | Demand (MW)             | (MU)       | (MU)               | (MU)        | (MW)   |                         |
|               | Punjab               | 12944                        | 0                       | 287.1      | 163.8              | -0.6        | 118    | 0.00                    |
|               | Haryana              | 11685                        | 331                     | 253.5      | 166.5              | 1.2         | 303    | 10.13                   |
|               | Rajasthan            | 16485                        | 667                     | 333.0      | 121.3              | 4.2         | 432    | 34.81                   |
|               | Delhi                | 6681                         | 0                       | 138.1      | 120.5              | -2.9        | 208    | 0.00                    |
| NR            | UP                   | 25261                        | 560                     | 559.2      | 232.4              | -3.5        | 830    | 4.84                    |
|               | Uttarakhand          | 2175                         | 155                     | 45.6       | 19.0               | 1.1         | 217    | 2.84                    |
|               | HP                   | 1680                         | 0                       | 35.9       | 0.5                | 2.9         | 276    | 0.00                    |
|               | J&K(UT) & Ladakh(UT) | 2576                         | 220                     | 53.8       | 26.6               | 3.0         | 342    | 3.38                    |
|               | Chandigarh           | 363                          | 0                       | 7.5        | 6.7                | 0.8         | 72     | 0.00                    |
|               | Railways_NR ISTS     | 176                          | 0                       | 3.6        | 2.2                | 1.4         | 94     | 0.00                    |
|               | Chhattisgarh         | 5829                         | 8                       | 129.6      | 69.7               | 2.0         | 477    | 8.27                    |
|               | Gujarat              | 24544                        | 191                     | 500.7      | 172.9              | 7.0         | 1859   | 8.33                    |
|               | MP                   | 14118                        | 0                       | 299.9      | 159.7              | 7.1         | 1302   | 7.05                    |
| WR            | Maharashtra          | 27462                        | 0                       | 591.4      | 213.9              | 0.1         | 835    | 15.80                   |
|               | Goa                  | 697                          | 0                       | 14.2       | 13.1               | 0.9         | 119    | 0.00                    |
|               | DNHDDPDCL            | 1229                         | 0                       | 28.6       | 29.2               | -0.6        | 52     | 0.00                    |
|               | AMNSIL               | 821                          | 0                       | 18.3       | 8.5                | -0.2        | 323    | 0.00                    |
|               | BALCO                | 519                          | 0                       | 12.4       | 12.6               | -0.2        | 5      | 0.00                    |
|               | Andhra Pradesh       | 12327                        | 0                       | 244.6      | 102.6              | 2.7         | 814    | 0.00                    |
|               | Telangana            | 14999                        | 0                       | 279.4      | 130.2              | -0.8        | 673    | 0.00                    |
| $\mathbf{SR}$ | Karnataka            | 14698                        | 0                       | 257.0      | 94.3               | 0.4         | 967    | 6.30                    |
|               | Kerala               | 4107                         | 0                       | 87.3       | 56.3               | 1.3         | 313    | 0.00                    |
|               | Tamil Nadu           | 15984                        | 0                       | 346.0      | 169.1              | 1.4         | 857    | 0.00                    |
|               | Puducherry           | 431                          | 0                       | 9.7        | 9.2                | -0.2        | 41     | 0.00                    |
|               | Bihar                | 6886                         | 412                     | 149.6      | 146.2              | 2.4         | 0      | 9.69                    |
|               | DVC                  | 3409                         | 0                       | 78.2       | -45.9              | -0.4        | 0      | 0.00                    |
|               | Jharkhand            | 1787                         | 0                       | 36.3       | 31.4               | 1.7         | 0      | 8.15                    |
| ER            | Odisha               | 5636                         | 0                       | 130.5      | 46.4               | 0.4         | 0      | 0.00                    |
|               | West Bengal          | 10667                        | 0                       | 220.3      | 94.8               | 7.1         | 0      | 0.00                    |
|               | Sikkim               | 83                           | 0                       | 1.3        | 1.4                | 0.0         | 0      | 0.00                    |
|               | Railways_ER ISTS     | 19                           | 0                       | 0.2        | 0.1                | 0.0         | 0      | 0.00                    |
|               | Arunachal Pradesh    | 171                          | 0                       | 3.1        | 3.0                | -0.5        | 14     | 0.00                    |
|               | Assam                | 2091                         | 200                     | 44.3       | 34.1               | 2.8         | 309    | 3.88                    |
|               | Manipur              | 185                          | 0                       | 2.6        | 2.6                | 0.0         | 31     | 0.00                    |
| NER           | Meghalaya            | 284                          | 50                      | 5.3        | -0.2               | 0.0         | 63     | 0.81                    |
|               | Mizoram              | 116                          | 0                       | 1.8        | 1.3                | -0.3        | 12     | 0.00                    |
|               | Nagaland             | 169                          | 0                       | 3.1        | 2.8                | -0.1        | 8      | 0.00                    |
|               | Tripura              | 329                          | 0                       | 6.2        | 6.0                | 0.1         | 30     | 0.00                    |

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

|               | Bhutan | Nepal | Bangladesh | Godda -> Bangladesh |
|---------------|--------|-------|------------|---------------------|
| Actual (MU)   | 40.2   | 11.0  | -25.4      | -29.6               |
| Day Peak (MW) | 2055.1 | 436.0 | -1111.0    | -1435.9             |

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

| E: Import By Regions (in Fie) - Import (+ve)/Export (-ve); OD(+)/OD(-) |       |        |       |        |       |       |  |  |  |  |
|--|-------|--------|-------|--------|-------|-------|--|--|--|--|
|  | NR    | WR     | SR    | ER     | NER   | TOTAL |  |  |  |  |
| Schedule(MU)   | 290.3 | -284.8 | 128.6 | -121.0 | -13.1 | 0.0   |  |  |  |  |
| Actual(MU)   | 250.3 | -268.8 | 137.9 | -115.9 | -11.6 | -8.1  |  |  |  |  |
| O/D/IJ/D(MIJ)  | -40.0 | 16.1   | 0.3   | 5.1    | 1.4   | _8 1  |  |  |  |  |

F. Generation Outage(MW)

|                | NR   | WR    | SR    | ER   | NER | TOTAL | % Share |
|----------------|------|-------|-------|------|-----|-------|---------|
| Central Sector | 1761 | 7219  | 5508  | 2560 | 255 | 17302 | 44      |
| State Sector   | 5105 | 8526  | 4518  | 3580 | 157 | 21885 | 56      |
| Total          | 6866 | 15744 | 10026 | 6140 | 412 | 39187 | 100     |

G. Sourcewise generation (Gross) (MU)

| NR    | WR  | SR   | ER  | NER  | All India   | % Share   |
|-------|---|--|---|--|---|---|
| 908   | 1613  | 743  | 658   | 17   | 3938  | 70  |
| 24    | 13  | 44   | 0   | 0  | 80  | 1   |
| 365   | 102   | 112  | 140   | 40   | 758   | 14  |
| 29    | 54  | 48   | 0   | 0  | 131   | 2   |
| 61    | 109   | 6  | 0   | 28   | 205   | 4   |
| 172   | 108   | 214  | 4   | 1  | 499   | 9   |
| 1559  | 1998  | 1167   | 801   | 86   | 5612  | 100   |
|       |   | ı  |   |  |   |   |
| 11.03 | 5.39  | 18.25  | 0.47  | 1.12   | 8.86  |   |
| 36.32 | 13.18                                       | 31.98  | 17.90   | 47.74  | 24.72   |   |
|       | 908<br>24<br>365<br>29<br>61<br>172<br>1559 | 908         1613           24         13           365         102           29         54           61         109           172         108           1559         1998           11.03         5.39 | 908         1613         743           24         13         44           365         102         112           29         54         48           61         109         6           172         108         214           1559         1998         1167           11.03         5.39         18.25 | 908         1613         743         658           24         13         44         0           365         102         112         140           29         54         48         0           61         109         6         0           172         108         214         4           1559         1998         1167         801           11.03         5.39         18.25         0.47 | 908         1613         743         658         17           24         13         44         0         0           365         102         112         140         40           29         54         48         0         0           61         109         6         0         28           172         108         214         4         1           1559         1998         1167         801         86           11.03         5.39         18.25         0.47         1.12 | 908         1613         743         658         17         3938           24         13         44         0         0         80           365         102         112         140         40         758           29         54         48         0         0         131           61         109         6         0         28         205           172         108         214         4         1         499           1559         1998         1167         801         86         5612           11.03         5.39         18.25         0.47         1.12         8.86 |

| H. All India Demand Diversity Factor |       |
|--------------------------------------|-------|
| Based on Regional Max Demands        | 1.013 |
| Based on State Max Demands           | 1.040 |

| I. All India Peak | Demand a | nd shortage at S | Solar and I | Non-Solar Hour |
|-------------------|----------|------------------|-------------|----------------|
|                   | ,        | D 137.40         | ******      |                |

|              | Max Demand Met(MW) | Time  | Shortage(MW) |
|--------------|--------------------|-------|--------------|
| Solar hr     | 239978             | 12:22 | 1578         |
| Non-Solar hr | 215586             | 22:40 | 7591         |

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

<sup>\*\*</sup>Note: All generation MU figures are gross
\*\*\*Godda (Jharkhand) -> Bangladesh power exchange is through the radial connection (isolated from Indian Grid)

Solar Hours -> 06:00 to 18:00hrs and rest are Non-Solar Hours

 $<sup>*</sup>Source: RLDCs \ for \ solar \ connected \ to \ ISTS; SLDCs \ for \ embedded \ solar. \ Limited \ visibility \ of \ embedded \ solar \ data.$ 

## INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 02-Sep-2023

| Sl No Voltage Level         | Line Details   | No. of Circuit                             | Max Import (MW)     | Max Export (MW) | Import (MU)  | Export (MU)  | NET (MU)                            |
|-----------------------------|--|--|---------------------|-----------------|--------------|--------------|-------------------------------------|
| Import/Export of ER (       |  | 1  |                     | 202             |              | 10.0         | 10.0                                |
| 1 HVDC<br>2 HVDC            | ALIPURDUAR-AGRA<br>PUSAULI B/B                       | 2  | 0                   | 802<br>95       | 0.0          | 18.0<br>2.4  | -18.0<br>-2.4                       |
| 3 765 kV<br>4 765 kV        | GAYA-VARANASI<br>SASARAM-FATEHPUR                    | 2  | 249                 | 310<br>312      | 0.0          | 1.5<br>6.2   | -1.5<br>-6.2                        |
| 5 765 kV                    | GAYA-BALIA   | 1  | 0                   | 509             | 0.0          | 8.0          | -8.0                                |
| 6 400 kV<br>7 400 kV        | PUSAULI-VARANASI<br>PUSAULI -ALLAHABAD               | 1  | 0<br>24             | 128<br>53       | 0.0          | 2.1<br>0.2   | -2.1<br>-0.2                        |
| 8 400 kV<br>9 400 kV        | MUZAFFARPUR-GORAKHPUR<br>PATNA-BALIA                 | 2 2  | 0                   | 641<br>502      | 0.0          | 11.0<br>9.7  | -11.0<br>-9.7                       |
| 10 400 kV                   | NAUBATPUR-BALIA                                      | 2  | 0                   | 518             | 0.0          | 9.0          | -9.0                                |
| 11 400 kV<br>12 400 kV      | BIHARSHARIFF-BALIA<br>MOTIHARI-GORAKHPUR             | 2 2  | 45<br>0             | 168<br>376      | 0.0          | 1.5<br>6.8   | -1.5<br>-6.8                        |
| 13 400 kV<br>14 220 kV      | BIHARSHARIFF-VARANASI<br>SAHUPURI-KARAMNASA          | 2  | 114<br>0            | 137<br>126      | 0.0          | 0.7<br>1.9   | -0.7<br>-1.9                        |
| 15 132 kV                   | NAGAR UNTARI-RIHAND                                  | 1  | 0                   | 0               | 0.0          | 0.0          | 0.0                                 |
| 16 132 kV<br>17 132 kV      | GARWAH-RIHAND<br>KARMANASA-SAHUPURI                  | 1  | 30                  | 0               | 0.5          | 0.0          | 0.5<br>0.0                          |
| 18 132 kV                   | KARMANASA-CHANDAULI                                  | 1  | 0                   | 0<br>ER-NR      | 0.0          | 0.0<br>78.9  | 0.0<br>-78.4                        |
| Import/Export of ER (       |  |  |                     | ERTIN           |              |              |                                     |
| 1 765 kV<br>2 765 kV        | JHARSUGUDA-DHARAMJAIGARH<br>NEW RANCHI-DHARAMJAIGARH | 4 2  | 1538<br>1120        | 0<br>86         | 19.9<br>13.3 | 0.0          | 19.9<br>13.3                        |
| 3 765 kV                    | JHARSUGUDA-DURG                                      | 2  | 86                  | 199             | 0.0          | 1.3          | -1.3                                |
| 4 400 kV<br>5 400 kV        | JHARSUGUDA-RAIGARH<br>RANCHI-SIPAT                   | 4 2  | 0<br>169            | 430<br>48       | 0.0          | 7.1<br>0.7   | -7.1<br>-0.7                        |
| 6 220 kV<br>7 220 kV        | BUDHIPADAR-RAIGARH<br>BUDHIPADAR-KORBA               | 1 2  | 0 10                | 186<br>40       | 0.0          | 3.2<br>0.4   | -3.2<br>-0.4                        |
|                             |  | -  | 10                  | ER-WR           | 33.3         | 12.7         | 20.6                                |
| Import/Export of ER (       | With SR)  JEYPORE-GAZUWAKA B/B                       | 2  | 0                   | 392             | 0.0          | 8.8          | -8.8                                |
| 2 HVDC                      | TALCHER-KOLAR BIPOLE                                 | 2  | 0                   | 1987            | 0.0          | 44.1         | -44.1                               |
| 3 765 kV<br>4 400 kV        | ANGUL-SRIKAKULAM<br>TALCHER-I/C                      | 2 2  | 0<br>86             | 2198<br>729     | 0.0          | 39.5<br>10.5 | -39.5<br>-10.5                      |
| 5 220 kV                    | BALIMELA-UPPER-SILERRU                               | 1  | 0                   | 0               | 0.0          | 0.0          | 0.0                                 |
| Import/Export of ER (       | With NER)  |  |                     | ER-SR           | 0.0          | 92.4         | -92.4                               |
| 1 400 kV                    | BINAGURI-BONGAIGAON                                  | 2  | 42                  | 190             | 0.0          | 1.3          | -1.3                                |
| 2 400 kV<br>3 220 kV        | ALIPURDUAR-BONGAIGAON<br>ALIPURDUAR-SALAKATI         | 2 2  | 170<br>20           | 172<br>53       | 0.9          | 0.0<br>0.3   | 0.9<br>-0.3                         |
| T                           | •  |  |                     | ER-NER          | 0.9          | 1.6          | -0.7                                |
| Import/Export of NER        | (With NR) BISWANATH CHARIALI-AGRA                    | 2  | 0                   | 553             | 0.0          | 13.2         | -13.2                               |
|                             |  | _  |                     | NER-NR          | 0.0          | 13.2         | -13.2                               |
| Import/Export of WR  1 HVDC | (With NR)<br> CHAMPA-KURUKSHETRA                     | 2  | 0                   | 3528            | 0.0          | 75.2         | -75.2                               |
| 2 HVDC                      | VINDHYACHAL B/B                                      |  | 180                 | 0               | 4.9          | 0.0          | 4.9                                 |
| 3 HVDC<br>4 765 kV          | MUNDRA-MOHINDERGARH<br>GWALIOR-AGRA                  | 2 2  | 0<br>130            | 1449<br>1597    | 0.0          | 33.5<br>18.3 | -33.5<br>-18.2                      |
| 5 765 kV<br>6 765 kV        | GWALIOR-PHAGI<br>JABALPUR-ORAI                       | 2 2  | 55<br>0             | 1446<br>751     | 0.0          | 21.7<br>20.9 | -21.7<br>-20.9                      |
| 7 765 kV                    | GWALIOR-ORAI   | 1  | 853                 | 0               | 16.5         | 0.0          | 16.5                                |
| 8 765 kV<br>9 765 kV        | SATNA-ORAI<br>BANASKANTHA-CHITORGARH                 | 1 2  | 0<br>1838           | 799<br>277      | 0.0<br>15.5  | 16.0<br>0.0  | -16.0<br>15.5                       |
| 10 765 kV<br>11 400 kV      | VINDHYACHAL-VARANASI<br>ZERDA-KANKROLI               | 2  | 0<br>322            | 2898<br>29      | 0.0<br>2.9   | 50.0<br>0.0  | -50.0<br>2.8                        |
| 12 400 kV                   | ZERDA -BHINMAL                                       | 1  | 663                 | 120             | 4.1          | 0.0          | 4.1                                 |
| 13 400 kV<br>14 400 kV      | VINDHYACHAL -RIHAND<br>RAPP-SHUJALPUR                | 1 2  | 964<br>366          | 0<br>365        | 22.3         | 0.0          | 22.3<br>-1.3                        |
| 15 220 kV<br>16 220 kV      | BHANPURA-RANPUR<br>BHANPURA-MORAK                    | 1  | 0                   | 0<br>30         | 0.0          | 0.0<br>2.2   | 0.0<br>-2.2                         |
| 17 220 kV                   | MEHGAON-AURAIYA                                      | 1  | 173                 | 0               | 3.3          | 0.0          | 3.3                                 |
| 18 220 kV<br>19 132 kV      | MALANPUR-AURAIYA<br>GWALIOR-SAWAI MADHOPUR           | 1  | 137<br>0            | 0               | 2.6<br>0.0   | 0.0          | 2.6                                 |
| 20 132 kV                   | RAJGHAT-LALITPUR                                     | 2  | 0                   | 0<br>WR-NR      | 0.0<br>72.1  | 0.0<br>239.1 | 0.0<br>-167.0                       |
| Import/Export of WR         | (With SR)  |  |                     | VV K-IVK        | /2.1         | 239.1        | -107.0                              |
| 1 HVDC<br>2 HVDC            | BHADRAWATI B/B<br>RAIGARH-PUGALUR                    | 2  | 0                   | 1007<br>4011    | 0.0          | 20.7<br>47.5 | -20.7<br>-47.5                      |
| 3 765 kV                    | SOLAPUR-RAICHUR                                      | 2  | 839                 | 1275            | 2.8          | 9.0          | -6.2                                |
| 4 765 kV<br>5 400 kV        | WARDHA-NIZAMABAD<br>KOLHAPUR-KUDGI                   | 2 2  | 0<br>1567           | 2137<br>0       | 0.0<br>27.5  | 35.6<br>0.0  | -35.6<br>27.5                       |
| 6 220 kV                    | KOLHAPUR-CHIKODI                                     | 2  | 0                   | 0               | 0.0          | 0.0          | 0.0                                 |
| 7 220 kV<br>8 220 kV        | PONDA-AMBEWADI<br>XELDEM-AMBEWADI                    | 1  | 0                   | 0<br>121        | 0.0<br>2.4   | 0.0          | 0.0<br>2.4                          |
|                             |  |  |                     | WR-SR           | 32.7         | 112.7        | -80.0                               |
|                             | IN   | TERNATIONAL EX                             |                     |                 |              | 1            | +ve)/Export(-ve)<br>Energy Exchange |
| State                       | Region   |  | Name                | Max (MW)        | Min (MW)     | Avg (MW)     | (MU)                                |
|                             | ER   | 400kV MANGDECHHU-<br>ALIPURDUAR RECEIPT    |                     | 725             | 459          | 618          | 14.82                               |
|                             |  | HEP 4*180MW)                               | `                   | . 20            | ,            |              |                                     |
|                             | ER   | 400kV TALA-BINAGURI<br>MALBASE - BINAGURI  |                     | 1049            | 954          | 971          | 23.30                               |
|                             |  | RECEIPT (from TALA H<br>220kV CHUKHA-BIRPA | EP 6*170MW)         |                 |              |              |                                     |
| BHUTAN                      | ER   | MALBASE - BIRPARA) i                       | .e. BIRPARA RECEIPT | 150             | -2           | 47           | 1.12                                |
|                             |  | (from CHUKHA HEP 4*8                       | 34MW)               |                 |              |              |                                     |
|                             | NER  | 132kV GELEPHU-SALA                         | KATI                | 34              | 9            | 23           | 0.55                                |
|                             |  |  |                     |                 |              |              |                                     |
|                             | NER  | 132kV MOTANGA-RANG                         | GIA                 | 64              | 3            | 17           | 0.40                                |
|                             |  | 12013/3/1                                  | AD MANAGEMENT       |                 |              |              |                                     |
|                             | NR   | 152KV MAHENDRANAG                          | GAR-TANAKPUR(NHPC)  | -27             | 0            | 25           | 0.60                                |
| NEPAL                       | ER   | NEPAL IMPORT (FROM                         | I RIHAR)            | 0               | 0            | 0            | 0.00                                |
| MELAL                       | LR   | AL ALI WII OKI (FROM                       | i Dillar)           | U               | U            | V            | 0.00                                |
|                             | ER   | 400kV DHALKEBAR-MU                         | UZAFFARPUR 1&2      | 463             | 308          | 432          | 10.36                               |
|                             |  |  |                     |                 |              | -            |                                     |
|                             | ER   | BHERAMARA B/B HVD                          | C (B'DESH)          | -947            | -826         | -916         | -21.99                              |
|                             |  |  |                     |                 |              |              |                                     |
| BANGLADESH                  | ER<br>(Isolated from Indian Grid)                    | 400kV GODDA_TPS-RAI                        | HANPUR (B'DESH) D/C | -1436           | 700          | -1234        | -29.61                              |
|                             | (  |  |                     |                 |              |              |                                     |
|                             | NER  | 132kV COMILLA-SURA                         | JMANI NAGAR 1&2     | -164            | 0            | -143         | -3.44                               |
|                             | 1  | 1  |                     |                 |              | I.           | <u> </u>                            |

## CROSS BORDER EXCHANGE SCHEDULE

Date of Reporting: 02-Sep-2023

**Export From India (in MU)** 

| Export From 1 | lata (m 1/10)   |           |            |      | STOA |      |      |      |       |  |  |
|---------------|-----------------|-----------|------------|------|------|------|------|------|-------|--|--|
|               |                 |           | SIUA       |      |      |      |      |      |       |  |  |
|               | (ISGS/LTA/MTOA) |           | COLLECTIVE |      |      |      |      |      |       |  |  |
| Country       | PPA             | BILATERAL |            | IDAM |      |      | RTM  |      |       |  |  |
|               |                 | TOTAL     | IEX        | PXIL | HPX  | IEX  | PXIL | HPX  |       |  |  |
| Bhutan        | 0.00            | 0.00      | 0.00       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |  |  |
| Nepal         | 0.03            | 0.00      | 0.00       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03  |  |  |
| Bangladesh    | 22.01           | 0.00      | 0.00       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 22.01 |  |  |
| Myanmar       | 0.00            | 0.00      | 0.00       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |  |  |
| Total Export  | 22.04           | 0.00      | 0.00       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 22.04 |  |  |

Import by India(in MU)

| import by mai | (:)             |           |            |      |      |      |      |      | ı     |
|---------------|-----------------|-----------|------------|------|------|------|------|------|-------|
|               |                 | STOA      |            |      |      |      |      |      |       |
|               | (ISGS/LTA/MTOA) |           | COLLECTIVE |      |      |      |      |      | 1     |
| Country       | PPA             | BILATERAL | IDAM       |      |      | RTM  |      |      | TOTAL |
|               |                 | TOTAL     | IEX        | PXIL | HPX  | IEX  | PXIL | HPX  |       |
| Bhutan        | 37.92           | 2.82      | 0.00       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 40.74 |
| Nepal         | 0.00            | 0.00      | 9.17       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.17  |
| Bangladesh    | 0.00            | 0.00      | 0.00       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| Myanmar       | 0.00            | 0.00      | 0.00       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| Total Import  | 37.92           | 2.82      | 9.17       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 49.91 |

Net from India(in MU) -ve : Export / +ve : Import

| -ve. 1 Export / ve. 1 import |                        |            |      |      |      |      |      |      |        |
|------------------------------|------------------------|------------|------|------|------|------|------|------|--------|
|                              |                        | STOA       |      |      |      |      |      |      |        |
|                              | (ISGS/LTA/MTOA)<br>PPA | COLLECTIVE |      |      |      |      |      |      |        |
| Country                      |                        | BILATERAL  | IDAM |      |      | RTM  |      |      | TOTAL  |
|                              |                        | TOTAL      | IEX  | PXIL | HPX  | IEX  | PXIL | HPX  |        |
| Bhutan                       | 37.92                  | 2.82       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 40.74  |
| Nepal                        | -0.03                  | 0.00       | 9.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.14   |
| Bangladesh                   | -22.01                 | 0.00       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -22.01 |
| Myanmar                      | 0.00                   | 0.00       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   |
| Total Net                    | 15.88                  | 2.82       | 9.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 27.87  |