



**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: 02<sup>nd</sup> May 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033  
General Manager, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. महाप्रबंधक, ऊ.क्षे.भा.प्रे.के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
General Manager, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi - 110016
3. महाप्रबंधक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र, अंधेरी, मुंबई -400093  
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतेह, लोअर नोंग्रह, लापालंग, शिलोंग - 793006  
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. अपर महाप्रबंधक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009  
Additional General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 01.05.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01 मई 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेंकें 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 01<sup>st</sup> May 2017, 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

2-May-17

A. Maximum Demand

|   | NR    | WR    | SR    | ER    | NER   | Total  |
|---|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW)<br>(at 2000 hrs; from RLDCs) | 45219 | 44304 | 33596 | 15516 | 2293  | 140929 |
| Peak Shortage (MW)  | 793   | 22    | 0     | 0     | 88    | 903    |
| Energy Met (MU)   | 977   | 1067  | 819   | 330   | 33    | 3226   |
| Hydro Gen(MU)   | 223   | 21    | 27    | 51    | 10    | 331    |
| Wind Gen(MU)  | 14    | 37    | 24    | ----- | ----- | 75     |
| Solar Gen (MU)*   | 3.76  | 12.44 | 27.20 | 1.14  | 0.02  | 45     |
| Maximum Demand Met during the day<br>(MW) (from NLDC SCADA)         | 48352 | 46189 | 35770 | 15631 | 2489  | 141504 |

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  | 0.00      | 3.36      | 3.36  | 73.47      | 23.17   |

C. Power Supply Position in States

| RegionRegion | 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) |
|--------------|-------------------|-------------------------------------|-------------------------------------|-----------------|----------------------|------------------|-------------|
| NR           | Punjab            | 5971                                | 0                                   | 131.8           | 83.2                 | 0.8              | 503         |
|              | Haryana           | 7180                                | 0                                   | 140.1           | 107.3                | 1.6              | 402         |
|              | Rajasthan         | 9167                                | 0                                   | 191.5           | 72.6                 | 2.2              | 826         |
|              | Delhi             | 4675                                | 0                                   | 94.2            | 77.0                 | -0.4             | 26          |
|              | UP                | 17051                               | 340                                 | 318.1           | 132.8                | 2.9              | 1177        |
|              | Uttarakhand       | 1703                                | 0                                   | 33.9            | 15.4                 | -1.4             | 246         |
|              | HP                | 1146                                | 0                                   | 22.6            | 6.9                  | 2.5              | 37          |
|              | J&K               | 1952                                | 488                                 | 39.5            | 19.4                 | 0.6              | 418         |
|              | Chandigarh        | 243                                 | 0                                   | 4.9             | 5.4                  | -0.5             | 303         |
| WR           | Chhattisgarh      | 3767                                | 0                                   | 89.0            | 26.6                 | -1.8             | 94          |
|              | Gujarat           | 15128                               | 0                                   | 331.0           | 74.7                 | 2.0              | 564         |
|              | MP                | 8158                                | 0                                   | 174.9           | 102.0                | -1.6             | 283         |
|              | Maharashtra       | 19031                               | 123                                 | 435.3           | 138.7                | 3.0              | 811         |
|              | Goa               | 421                                 | 0                                   | 8.7             | 8.2                  | 0.0              | 10          |
|              | DD                | 260                                 | 0                                   | 5.1             | 4.9                  | 0.1              | 177         |
|              | DNH               | 695                                 | 0                                   | 15.8            | 15.8                 | 0.0              | 98          |
|              | Essar steel       | 479                                 | 0                                   | 7.4             | 6.3                  | 1.1              | 307         |
|              | SR                | Andhra Pradesh                      | 7214                                | 0               | 142.8                | 31.6             | -14.7       |
| Telangana    |                   | 6130                                | 0                                   | 130.4           | 48.0                 | -3.0             | 337         |
| Karnataka    |                   | 7931                                | 0                                   | 178.2           | 70.1                 | 3.3              | 435         |
| Kerala       |                   | 7214                                | 0                                   | 67.2            | 53.7                 | 1.7              | 349         |
| Tamil Nadu   |                   | 6130                                | 0                                   | 294.2           | 152.8                | 2.8              | 844         |
| Pondy        |                   | 7931                                | 0                                   | 6.3             | 7.0                  | -0.8             | 18          |
| ER           |                   | Bihar                               | 3569                                | 0               | 55.0                 | 57.0             | -2.8        |
|              | DVC               | 2724                                | 0                                   | 60.5            | -43.0                | -1.3             | 220         |
|              | Jharkhand         | 941                                 | 0                                   | 20.8            | 15.1                 | -0.7             | 68          |
|              | Odisha            | 4375                                | 0                                   | 82.4            | 29.4                 | 4.9              | 400         |
|              | West Bengal       | 5898                                | 0                                   | 110.5           | 16.2                 | -0.6             | 280         |
|              | Sikkim            | 62                                  | 0                                   | 0.8             | 1.0                  | -0.2             | 10          |
| NER          | Arunachal Pradesh | 129                                 | 3                                   | 2.0             | 1.8                  | 0.2              | 30          |
|              | Assam             | 1358                                | 36                                  | 18.1            | 13.4                 | 0.4              | 181         |
|              | Manipur           | 133                                 | 2                                   | 2.4             | 2.2                  | 0.2              | 16          |
|              | Meghalaya         | 286                                 | 0                                   | 4.2             | 2.0                  | -0.9             | 66          |
|              | Mizoram           | 75                                  | 3                                   | 1.4             | 1.2                  | 0.1              | 20          |
|              | Nagaland          | 121                                 | 1                                   | 1.7             | 1.9                  | -0.4             | 35          |
|              | Tripura           | 230                                 | 4                                   | 3.0             | 2.6                  | -0.6             | 63          |

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

|               | Bhutan | Nepal  | Bangladesh |
|---------------|--------|--------|------------|
| Actual(MU)    | 5.6    | -8.1   | -13.8      |
| Day peak (MW) | 432.4  | -370.5 | -654.0     |

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

|              | NR    | WR     | SR   | ER    | NER  | TOTAL |
|--------------|-------|--------|------|-------|------|-------|
| Schedule(MU) | 210.8 | -204.0 | 69.2 | -89.3 | 2.3  | -11.0 |
| Actual(MU)   | 210.2 | -192.3 | 62.7 | -90.3 | 0.4  | -9.4  |
| O/D/U/D(MU)  | -0.6  | 11.7   | -6.5 | -1.1  | -1.9 | 1.6   |

F. Generation Outage(MW)

|                | NR    | WR    | SR    | ER   | NER | Total |
|----------------|-------|-------|-------|------|-----|-------|
| Central Sector | 4978  | 12380 | 3980  | 1300 | 640 | 23278 |
| State Sector   | 12505 | 18216 | 6852  | 5803 | 110 | 43486 |
| Total          | 17483 | 30596 | 10832 | 7103 | 749 | 66764 |

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

सचिव(ऊर्जा)/सचिव(परिचालन)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-केंद्र(वि०प्र०)/

मुख्य कार्यपालक अधिकारी(पोलोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

| INTER-REGIONAL EXCHANGES              |               |                                       |         |                 |                 |             |              |  |
|---------------------------------------|---------------|---------------------------------------|---------|-----------------|-----------------|-------------|--------------|--|
|                                       |               |                                       |         |                 |                 |             |              | Date of Reporting : 2-May-17                   |
|                                       |               |                                       |         |                 |                 |             |              | Import=(+ve)<br>/Export =(-ve)<br>for NET (MU) |
| Sl No                                 | Voltage Level | Line Details                          | Circuit | Max Import (MW) | Max Export (MW) | Import (MU) | Export (MU)  | NET (MU)                                       |
| <b>Import/Export of ER (With NR)</b>  |               |                                       |         |                 |                 |             |              |  |
| 1                                     | 765KV         | GAYA-VARANASI                         | D/C     | 0               | 465             | 0.0         | 13.4         | -13.4  |
| 2                                     |               | SASARAM-FATEHPUR                      | S/C     | 0               | 201             | 0.0         | 1.1          | -1.1   |
| 3                                     |               | GAYA-BALIA                            | S/C     | 0               | 454             | 0.0         | 7.0          | -7.0   |
| 4                                     |               | ALIPURDUAR-AGRA                       | -       | 0               | 0               | 0.0         | 0.0          | 0.0  |
| 5                                     | HVDC          | PUSAULI B/B                           | S/C     | 0               | 149             | 0.0         | 0.0          | 0.0  |
| 6                                     |               | PUSAULI-VARANASI                      | S/C     | 0               | 128             | 0.0         | 2.6          | -2.6   |
| 7                                     | 400 KV        | PUSAULI -ALLAHABAD                    | S/C     | 0               | 64              | 0.0         | 0.8          | -0.8   |
| 8                                     |               | MUZAFFARPUR-GORAKHPUR                 | D/C     | 0               | 852             | 0.0         | 10.3         | -10.3  |
| 9                                     |               | PATNA-BALIA                           | Q/C     | 0               | 1034            | 0.0         | 17.3         | -17.3  |
| 10                                    |               | BIHARSHARIFF-BALIA                    | D/C     | 0               | 343             | 0.0         | 5.6          | -5.6   |
| 11                                    |               | BARH-GORAKHPUR                        | D/C     | 0               | 587             | 0.0         | 10.2         | -10.2  |
| 12                                    |               | BIHARSHARIFF-VARANASI                 | D/C     | 0               | 0               | 0.0         | 3.1          | -3.1   |
| 13                                    | 220 KV        | PUSAULI-SAHUPURI                      | S/C     | 0               | 226             | 0.0         | 4.1          | -4.1   |
| 14                                    | 132 KV        | SONE NAGAR-RIHAND                     | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |
| 15                                    |               | GARWAH-RIHAND                         | S/C     | 0               | 0               | 0.5         | 0.0          | 0.5  |
| 16                                    |               | KARMANASA-SAHUPURI                    | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |
| 17                                    |               | KARMANASA-CHANDAULI                   | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |
| <b>ER-NR</b>                          |               |                                       |         |                 |                 | <b>0.5</b>  | <b>75.4</b>  | <b>-74.9</b>                                   |
| <b>Import/Export of ER (With WR)</b>  |               |                                       |         |                 |                 |             |              |  |
| 18                                    | 765 KV        | JHARSUGUDA-DHARAMJAIGARH S/C          | D/C     | 0               | 861             | 0.0         | 4.3          | -4.3   |
| 19                                    |               | NEW RANCHI-DHARAMJAIGARH              | D/C     | 0               | 521             | 0.0         | 4.1          | -4.1   |
| 20                                    | 400 KV        | ROURKELA - RAIGARH ( SEL LILO BYPASS) | S/C     | 0               | 169             | 0.0         | 1.0          | -1.0   |
| 21                                    |               | JHARSUGUDA-RAIGARH                    | S/C     | 0               | 114             | 0.2         | 0.0          | 0.2  |
| 22                                    |               | IBEUL-RAIGARH                         | S/C     | 0               | 0               | 0.2         | 0.0          | 0.2  |
| 23                                    |               | STERLITE-RAIGARH                      | D/C     | 0               | 243             | 0.0         | 1.6          | -1.6   |
| 24                                    | 220 KV        | RANCHI-SIPAT                          | D/C     | 0               | 182             | 1.8         | 0.0          | 1.8  |
| 25                                    |               | BUDHIPADAR-RAIGARH                    | S/C     | 0               | 138             | 0.0         | 1.8          | -1.8   |
| 26                                    |               | BUDHIPADAR-KORBA                      | D/C     | 0               | 0               | 2.7         | 0.0          | 2.7  |
| <b>ER-WR</b>                          |               |                                       |         |                 |                 | <b>4.8</b>  | <b>12.8</b>  | <b>-7.9</b>                                    |
| <b>Import/Export of ER (With SR)</b>  |               |                                       |         |                 |                 |             |              |  |
| 27                                    | 765 KV        | ANGUL-SRIKAKULAM                      | D/C     | 0.0             | 0.0             | 0.0         | 11.4         | -11.4  |
| 28                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B                  | D/C     | 0.0             | 356.0           | 0.0         | 16.5         | -16.5  |
| 29                                    |               | TALCHER-KOLAR BIPOLE                  | D/C     | 0.0             | 2030.8          | 0.0         | 29.4         | -29.4  |
| 30                                    | 400 KV        | TALCHER-I/C                           | D/C     | 0.0             | 223.9           | 10.2        | 0.2          | 10.0   |
| 31                                    | 220 KV        | BALIMELA-UPPER-SILERRU                | S/C     | 0.0             | 0.0             | 0.0         | 0.0          | 0.0  |
| <b>ER-SR</b>                          |               |                                       |         |                 |                 | <b>0.0</b>  | <b>57.3</b>  | <b>-57.3</b>                                   |
| <b>Import/Export of ER (With NER)</b> |               |                                       |         |                 |                 |             |              |  |
| 32                                    | 400 KV        | BINAGURI-BONGAIGAON                   | D/C     | 0               | 212             | 0.0         | 0.0          | 0  |
| 33                                    |               | ALIPURDUAR-BONGAIGAON                 | D/C     | 0               | 234             | 9.0         | 0.0          | 9  |
| 34                                    | 220 KV        | ALIPURDUAR-SALAKATI                   | D/C     | 0               | 0               | 1.1         | 0.0          | 1  |
| <b>ER-NER</b>                         |               |                                       |         |                 |                 | <b>10.1</b> | <b>0.0</b>   | <b>10.1</b>                                    |
| <b>Import/Export of NER (With NR)</b> |               |                                       |         |                 |                 |             |              |  |
| 35                                    | HVDC          | BISWANATH CHARIALI-AGRA               | -       | 500             | 0               | 11.1        | 0.0          | 11.1   |
| <b>NER-NR</b>                         |               |                                       |         |                 |                 | <b>11.1</b> | <b>0.0</b>   | <b>11.1</b>                                    |
| <b>Import/Export of WR (With NR)</b>  |               |                                       |         |                 |                 |             |              |  |
| 36                                    | HVDC          | CHAMPA-KURUKSHETRA                    | D/C     | 0               | 1500            | 0.0         | 34.9         | -34.9  |
| 37                                    |               | V'CHAL B/B                            | D/C     | 500             | 50              | 7.2         | 0.0          | 7.1  |
| 38                                    |               | APL -MHG                              | D/C     | 0               | 2513            | 0.0         | 52.2         | -52.2  |
| 39                                    | 765 KV        | GWALIOR-AGRA                          | D/C     | 0               | 3100            | 0.0         | 51.2         | -51.2  |
| 40                                    |               | PHAGI-GWALIOR                         | D/C     | 0               | 1504            | 0.0         | 27.0         | -27.0  |
| 41                                    | 400 KV        | ZERDA-KANKROLI                        | S/C     | 228             | 0               | 5.8         | 0.0          | 5.8  |
| 42                                    |               | ZERDA -BHINMAL                        | S/C     | 386             | 0               | 4.0         | 0.0          | 4.0  |
| 43                                    |               | V'CHAL -RIHAND                        | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |
| 44                                    |               | RAPP-SHUJALPUR                        | D/C     | 0               | 378             | 0           | 3            | -3   |
| 45                                    | 220 KV        | BADOD-KOTA                            | S/C     | 42              | 36              | 0.4         | 0.1          | 0.3  |
| 46                                    |               | BADOD-MORAK                           | S/C     | 7               | 69              | 0.0         | 0.5          | -0.4   |
| 47                                    |               | MEHGAON-AURAIYA                       | S/C     | 35              | 0               | 0.6         | 0.0          | 0.6  |
| 48                                    | 132KV         | MALANPUR-AURAIYA                      | S/C     | 23              | 20              | 0.1         | 0.1          | 0.0  |
| 49                                    |               | GWALIOR-SAWAI MADHOPUR                | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |
| <b>WR-NR</b>                          |               |                                       |         |                 |                 | <b>18.0</b> | <b>168.9</b> | <b>-150.8</b>                                  |
| <b>Import/Export of WR (With SR)</b>  |               |                                       |         |                 |                 |             |              |  |
| 50                                    | HVDC          | BHADRAWATI B/B                        | -       | 0               | 1000            | 0.0         | 16.3         | -16.3  |
| 51                                    | LINK          | BARSUR-L.SILERU                       | -       | 0               | 0               | 0.0         | 0.0          | 0.0  |
| 52                                    | 765 KV        | SOLAPUR-RAICHUR                       | D/C     | 0               | 1882            | 0.0         | 20.8         | -20.8  |
| 53                                    |               | WARDHA-NIZAMABAD                      | D/C     | 0               | 0               | 0.0         | 17.9         | -17.9  |
| 54                                    | 400 KV        | KOLHAPUR-KUDGI                        | D/C     | 240             | 332             | 1.6         | 2.0          | -0.4   |
| 55                                    |               | KOLHAPUR-CHIKODI                      | D/C     | 0               | 235             | 0.0         | 4.5          | -4.5   |
| 56                                    | 220 KV        | PONDA-AMBEWADI                        | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |
| 57                                    |               | XELDEM-AMBEWADI                       | S/C     | 88              | 0               | 1.7         | 0.0          | 1.7  |
| <b>WR-SR</b>                          |               |                                       |         |                 |                 | <b>3.3</b>  | <b>61.5</b>  | <b>-58.2</b>                                   |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                                       |         |                 |                 |             |              |  |
| 58                                    |               | BHUTAN                                |         |                 |                 |             |              | 5.6  |
| 59                                    |               | NEPAL                                 |         |                 |                 |             |              | -8.1   |
| 60                                    |               | BANGLADESH                            |         |                 |                 |             |              | -13.8  |