



**National Load Despatch Centre**  
**पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
(Government of India Enterprise)  
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

Date: 02<sup>nd</sup> Mar 2017

To,

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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., डोंगतिह, लोअर नॉग्रह , लापलंग, शिलॉंग - 793006  
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. महाप्रबंधक , द.क्षे.भा.प्रे.के.,29 , रेस कोर्स क्रॉस रोड, बंगलुरु -560009  
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**Sub: Daily PSP Report for the date 01.03.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01 मार्च 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट राभाप्रेके 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> Mar 2017, is available at the NLDC website.

Thanking You.



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

Report for previous day

Date of Reporting

2-Mar-17

**A. Maximum Demand**

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 40504 | 45152 | 38505 | 17906 | 2271  | 144338 |
| Peak Shortage (MW)                     | 484   | 33    | 0     | 0     | 96    | 613    |
| Energy Met (MU)                        | 911   | 1088  | 923   | 346   | 39    | 3307   |
| Hydro Gen(MU)                          | 127   | 53    | 47    | 28    | 5     | 260    |
| Wind Gen(MU)                           | 9     | 25    | 46    | ----- | ----- | 80     |
| Solar Gen (MU)*                        | 3.26  | 11.44 | 20.30 | 0.05  | 0.03  | 35     |

**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 | 0.040 | 0.00  | 0.02      | 9.24      | 9.26  | 77.18      | 13.56   |

**C. Power Supply Position in States**

| Region/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) |
|---------------|-------------------|-------------------------------------|-------------------------------------|-----------------|----------------------|------------------|-------------|
| NR            | Punjab            | 5625                                | 0                                   | 114.3           | 57.7                 | 0.1              | 318         |
|               | Haryana           | 6374                                | 0                                   | 128.8           | 90.9                 | -0.1             | 285         |
|               | Rajasthan         | 10095                               | 0                                   | 215.7           | 63.6                 | 1.6              | 313         |
|               | Delhi             | 3326                                | 0                                   | 60.7            | 48.8                 | 0.3              | 214         |
|               | UP                | 13019                               | 0                                   | 283.4           | 103.9                | -0.6             | 279         |
|               | Uttarakhand       | 1843                                | 0                                   | 33.4            | 17.9                 | -0.2             | 128         |
|               | HP                | 1426                                | 0                                   | 29.1            | 18.5                 | 2.3              | 259         |
|               | J&K               | 1947                                | 487                                 | 42.5            | 35.0                 | -0.4             | 160         |
| WR            | Chhattisgarh      | 3603                                | 0                                   | 84.5            | 20.7                 | 0.8              | 364         |
|               | Gujarat           | 13397                               | 0                                   | 300.0           | 91.4                 | -1.7             | 341         |
|               | MP                | 9863                                | 12                                  | 199.6           | 119.7                | -2.1             | 206         |
|               | Maharashtra       | 21661                               | 0                                   | 464.4           | 155.4                | -2.5             | 500         |
|               | Goa               | 411                                 | 0                                   | 9.3             | 8.3                  | 0.4              | 104         |
|               | DD                | 307                                 | 0                                   | 7.0             | 6.5                  | 0.4              | 62          |
|               | DNH               | 718                                 | 0                                   | 16.3            | 16.5                 | -0.1             | 84          |
|               | Essar steel       | 373                                 | 0                                   | 7.2             | 6.4                  | 0.8              | 168         |
| SR            | Andhra Pradesh    | 7358                                | 0                                   | 160.6           | 12.6                 | 1.7              | 809         |
|               | Telangana         | 8632                                | 0                                   | 176.8           | 76.9                 | 0.5              | 547         |
|               | Karnataka         | 9523                                | 0                                   | 215.5           | 79.0                 | 2.4              | 539         |
|               | Kerala            | 3613                                | 0                                   | 70.3            | 57.9                 | 2.3              | 283         |
|               | Tamil Nadu        | 13343                               | 0                                   | 293.4           | 156.2                | -3.4             | 616         |
|               | Pondy             | 323                                 | 0                                   | 6.5             | 7.0                  | -0.5             | 22          |
| ER            | Bihar             | 3565                                | 0                                   | 57.0            | 54.8                 | 2.2              | 250         |
|               | DVC               | 2834                                | 0                                   | 63.2            | -41.4                | 0.3              | 180         |
|               | Jharkhand         | 1126                                | 0                                   | 23.8            | 15.2                 | 2.4              | 270         |
|               | Odisha            | 3826                                | 0                                   | 76.1            | 18.7                 | 1.0              | 200         |
|               | West Bengal       | 7128                                | 0                                   | 124.5           | 27.9                 | 1.0              | 260         |
| NER           | Sikkim            | 95                                  | 0                                   | 1.7             | 1.5                  | 0.2              | 25          |
|               | Arunachal Pradesh | 108                                 | 0                                   | 2.1             | 2.0                  | 0.1              | 30          |
|               | Assam             | 1315                                | 71                                  | 22.5            | 16.5                 | 1.7              | 128         |
|               | Manipur           | 138                                 | 2                                   | 3.0             | 1.8                  | 1.1              | 40          |
|               | Meghalaya         | 282                                 | 0                                   | 4.6             | 4.0                  | -0.1             | 36          |
|               | Mizoram           | 77                                  | 0                                   | 1.4             | 1.3                  | 0.1              | 15          |
|               | Nagaland          | 106                                 | 4                                   | 1.7             | 1.8                  | -0.2             | 44          |
| Tripura       | 263               | 0                                   | 3.3                                 | 2.0             | 0.4                  | 22               |             |

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

|               | Bhutan | Nepal  | Bangladesh |
|---------------|--------|--------|------------|
| Actual(MU)    | 2.6    | -8.5   | -13.3      |
| Day peak (MW) | 233.2  | -377.1 | -591.0     |

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

|              | NR    | WR     | SR   | ER    | NER | TOTAL |
|--------------|-------|--------|------|-------|-----|-------|
| Schedule(MU) | 199.6 | -207.5 | 93.6 | -87.9 | 0.3 | -1.9  |
| Actual(MU)   | 205.8 | -216.1 | 87.7 | -83.3 | 4.7 | -1.2  |
| O/D/U/D(MU)  | 6.2   | -8.6   | -5.9 | 4.6   | 4.4 | 0.7   |

**F. Generation Outage(MW)**

|                | NR    | WR    | SR   | ER   | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 6452  | 10035 | 1980 | 1480 | 197 | 20145 |
| State Sector   | 11915 | 17314 | 5662 | 5214 | 110 | 40215 |
| Total          | 18367 | 27349 | 7642 | 6694 | 307 | 60360 |

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

| INTER-REGIONAL EXCHANGES              |               |                                       |         |                 |                 |             |              | Date of Reporting :                            | 2-Mar-17 |
|---------------------------------------|---------------|---------------------------------------|---------|-----------------|-----------------|-------------|--------------|--|----------|
| SI No                                 | Voltage Level | Line Details                          | Circuit | Max Import (MW) | Max Export (MW) | Import (MU) | Export (MU)  | NET (MU)                                       |          |
|                                       |               |                                       |         |                 |                 |             |              | Import=(+ve)<br>/Export =(-ve) for<br>NET (MU) |          |
| <b>Import/Export of ER (With NR)</b>  |               |                                       |         |                 |                 |             |              |  |          |
| 1                                     | 765KV         | GAYA-VARANASI                         | D/C     | 0               | 390             | 0.0         | 14.6         | -14.6  |          |
| 2                                     |               | SASARAM-FATEHPUR                      | S/C     | 0               | 23              | 2.4         | 0.0          | 2.4  |          |
| 3                                     |               | GAYA-BALIA                            | S/C     | 0               | 395             | 0.0         | 8.0          | -8.0   |          |
| 4                                     | HVDC LINK     | PUSAULI B/B                           | S/C     | 0               | 397             | 0.0         | 9.4          | -9.4   |          |
| 5                                     | 400 KV        | PUSAULI-SARNATH                       | S/C     | 0               | 292             | 0.0         | 0.0          | 0.0  |          |
| 6                                     |               | PUSAULI-ALLAHABAD                     | S/C     | 0               | 157             | 0.0         | 0.0          | 0.0  |          |
| 7                                     |               | MUZAFFARPUR-GORAKHPUR                 | D/C     | 0               | 460             | 0.0         | 6.5          | -6.5   |          |
| 8                                     |               | PATNA-BALIA                           | Q/C     | 0               | 675             | 0.0         | 12.8         | -12.8  |          |
| 9                                     |               | BIHARSHARIFF-BALIA                    | D/C     | 0               | 236             | 0.0         | 4.0          | -4.0   |          |
| 10                                    |               | BARH-GORAKHPUR                        | D/C     | 0               | 489             | 0.0         | 9.8          | -9.8   |          |
| 11                                    |               | BIHARSHARIFF-VARANASI                 | D/C     | 0               | 0               | 0.0         | 1.0          | -1.0   |          |
| 12                                    | 220 KV        | PUSAULI-SAHUPURI                      | S/C     | 0               | 228             | 0.0         | 4.5          | -4.5   |          |
| 13                                    | 132 KV        | SONE NAGAR-RIHAND                     | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| 14                                    |               | GARWAH-RIHAND                         | S/C     | 0               | 0               | 0.6         | 0.0          | 0.6  |          |
| 15                                    |               | KARMANASA-SAHUPURI                    | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| 16                                    |               | KARMANASA-CHANDAULI                   | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| <b>ER-NR</b>                          |               |                                       |         |                 |                 | <b>3.0</b>  | <b>70.5</b>  | <b>-67.5</b>                                   |          |
| <b>Import/Export of ER (With WR)</b>  |               |                                       |         |                 |                 |             |              |  |          |
| 17                                    | 765 KV        | JHARSUGUDA-DHARAMJAIGARH S/C          | D/C     | 0               | 248             | 0.0         | 0.3          | -0.3   |          |
| 18                                    |               | NEW RANCHI-DHARAMJAIGARH              | D/C     | 0               | 64              | 5.0         | 0.0          | 5.0  |          |
| 19                                    | 400 KV        | ROURKELA - RAIGARH ( SEL LILO BYPASS) | S/C     | 0               | 0               | 2.1         | 0.0          | 2.1  |          |
| 20                                    |               | JHARSUGUDA-RAIGARH                    | S/C     | 0               | 0               | 3.0         | 0.0          | 3.0  |          |
| 21                                    |               | IBEUL-RAIGARH                         | S/C     | 0               | 0               | 1.9         | 0.0          | 1.9  |          |
| 22                                    |               | STERLITE-RAIGARH                      | D/C     | 0               | 135             | 0.0         | 1.9          | -1.9   |          |
| 23                                    |               | RANCHI-SIPAT                          | D/C     | 0               | 0               | 5.7         | 0.0          | 5.7  |          |
| 24                                    | 220 KV        | BUDHIPADAR-RAIGARH                    | S/C     | 0               | 105             | 0.0         | 1.6          | -1.6   |          |
| 25                                    |               | BUDHIPADAR-KORBA                      | D/C     | 0               | 0               | 3.0         | 0.0          | 3.0  |          |
| <b>ER-WR</b>                          |               |                                       |         |                 |                 | <b>20.6</b> | <b>3.7</b>   | <b>16.9</b>                                    |          |
| <b>Import/Export of ER (With SR)</b>  |               |                                       |         |                 |                 |             |              |  |          |
| 26                                    | 765 KV        | ANGUL-SRIKAKULAM                      | D/C     | 0.0             | 0.0             | 0.0         | 12.2         | -12.2  |          |
| 27                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B                  | D/C     | 0.0             | 306.6           | 0.0         | 12.5         | -12.5  |          |
| 28                                    | 400 KV        | TALCHER-KOLAR BIPOLE                  | D/C     | 0.0             | 1979.3          | 0.0         | 46.6         | -46.6  |          |
| 29                                    |               | TALCHER-I/C                           | D/C     | 0.0             | 225.3           | 5.9         | 0.4          | 5.5  |          |
| 30                                    | 220 KV        | BALIMELA-UPPER-SILERRU                | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| <b>ER-SR</b>                          |               |                                       |         |                 |                 | <b>0.0</b>  | <b>71.3</b>  | <b>-71.3</b>                                   |          |
| <b>Import/Export of ER (With NER)</b> |               |                                       |         |                 |                 |             |              |  |          |
| 31                                    | 400 KV        | BINAGURI-BONGAIGAON                   | D/C     | 0               | 0               | 0.0         | 0.0          | 0  |          |
| 32                                    |               | ALIPURDUAR-BONGAIGAON                 | D/C     | 0               | 264             | 1.5         | 0.0          | 1  |          |
| 33                                    | 220 KV        | ALIPURDUAR-SALAKATI                   | D/C     | 0               | 272             | 4.4         | 0.0          | 4  |          |
| <b>ER-NER</b>                         |               |                                       |         |                 |                 | <b>5.9</b>  | <b>0.0</b>   | <b>5.9</b>                                     |          |
| <b>Import/Export of NR (With NER)</b> |               |                                       |         |                 |                 |             |              |  |          |
| 34                                    | HVDC          | BISWANATH CHARIALI-AGRA               | -       | 0               | 0               | 0.0         | 11.3         | -11.3  |          |
| <b>NR-NER</b>                         |               |                                       |         |                 |                 | <b>0.0</b>  | <b>11.3</b>  | <b>-11.3</b>                                   |          |
| <b>Import/Export of WR (With NR)</b>  |               |                                       |         |                 |                 |             |              |  |          |
| 35                                    | HVDC          | CHAMPA-KURUKSHETRA                    | D/C     | 0               | 680             | 0.0         | 2.2          | -2.2   |          |
| 36                                    |               | V'CHAL B/B                            | D/C     | 200             | 300             | 1.1         | 2.7          | -1.6   |          |
| 37                                    |               | APL -MHG                              | D/C     | 0               | 2519            | 0.0         | 57.8         | -57.8  |          |
| 38                                    | 765 KV        | GWALIOR-AGRA                          | D/C     | 0               | 2984            | 0.0         | 61.9         | -61.9  |          |
| 39                                    |               | PHAGI-GWALIOR                         | D/C     | 0               | 1288            | 0.0         | 26.6         | -26.6  |          |
| 40                                    | 400 KV        | ZERDA-KANKROLI                        | S/C     | 195             | 65              | 1.6         | 0.0          | 1.6  |          |
| 41                                    |               | ZERDA -BHINMAL                        | S/C     | 135             | 141             | 0.0         | 0.3          | -0.3   |          |
| 42                                    |               | V'CHAL -RIHAND                        | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| 43                                    |               | RAPP-SHUJALPUR                        | D/C     | 0               | 230             | 0           | 2            | -2   |          |
| 44                                    | 220 KV        | BADOD-KOTA                            | S/C     | 75              | 0               | 1.1         | 0.0          | 1.1  |          |
| 45                                    |               | BADOD-MORAK                           | S/C     | 16              | 82              | 0.1         | 0.2          | -0.1   |          |
| 46                                    |               | MEHGAON-AURAIYA                       | S/C     | 75              | 0               | 1.2         | 0.0          | 1.2  |          |
| 47                                    | 132KV         | MALANPUR-AURAIYA                      | S/C     | 31              | 14              | 0.3         | 0.0          | 0.3  |          |
| 48                                    |               | GWALIOR-SAWAI MADHOPUR                | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| <b>WR-NR</b>                          |               |                                       |         |                 |                 | <b>5.4</b>  | <b>154.0</b> | <b>-148.6</b>                                  |          |
| <b>Import/Export of WR (With SR)</b>  |               |                                       |         |                 |                 |             |              |  |          |
| 49                                    | HVDC LINK     | BHADRAWATI B/B                        | -       | 0               | 700             | 0.0         | 16.8         | -16.8  |          |
| 50                                    | 765 KV        | BARSUR-L.SILERU                       | -       | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| 51                                    |               | SOLAPUR-RAICHUR                       | D/C     | 0               | 1773            | 0.0         | 30.4         | -30.4  |          |
| 52                                    | 400 KV        | KOLHAPUR-KUDGI                        | D/C     | 106             | 348             | 0.0         | 3.4          | -3.4   |          |
| 53                                    | 220 KV        | KOLHAPUR-CHIKODI                      | D/C     | 0               | 261             | 0.0         | 5.7          | -5.7   |          |
| 54                                    |               | PONDA-AMBEWADI                        | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| 55                                    |               | XELDEM-AMBEWADI                       | S/C     | 96              | 0               | 1.8         | 0.0          | 1.8  |          |
| <b>WR-SR</b>                          |               |                                       |         |                 |                 | <b>1.8</b>  | <b>56.3</b>  | <b>-54.5</b>                                   |          |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                                       |         |                 |                 |             |              |  |          |
| 56                                    |               | BHUTAN                                |         |                 |                 |             |              | 2.6  |          |
| 57                                    |               | NEPAL                                 |         |                 |                 |             |              | -8.5   |          |
| 58                                    |               | BANGLADESH                            |         |                 |                 |             |              | -9.7   |          |