



**National Load Despatch Centre**  
**पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
(A wholly owned subsidiary of POWERGRID)  
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

Date: 13<sup>th</sup> April 2015

To,

1. महाप्रबंधक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड , कोलकाता - 700033  
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, 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., एफ-3, 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, शिलोंग - 793006  
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. कार्यपालक 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 12.04.2015.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, दिनांक 11 फरवरी 2015 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट राभाप्रेके की वेबसाइट पर निम्न लिंक 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 12<sup>th</sup> April 2015, is available at the NLDC website.

[http://posoco.in/attachments/article/94/13.04.15\\_NLDC\\_PSP.pdf](http://posoco.in/attachments/article/94/13.04.15_NLDC_PSP.pdf)

Thanking You.

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

Report for previous day

Date of Reporting

13-Apr-15

**A. Maximum Demand**

|                                        | NR    | WR    | SR    | ER    | NER   | Total  |
|----------------------------------------|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 32532 | 33728 | 29324 | 15104 | 1982  | 112670 |
| Peak Shortage (MW)                     | 1890  | 148   | 1425  | 250   | 202   | 3915   |
| Energy Met (MU)                        | 690   | 840   | 745   | 333   | 36    | 2643   |
| Hydro Gen(MU)                          | 152   | 41    | 44    | 18    | 3     | 258    |
| Wind Gen(MU)                           | 20    | 16    | 9     | ----- | ----- | 45     |

**B. Frequency Profile (%)**

| Region   | <49.2 | <49.7 | 49.7-49.8 | 49.8-49.9 | >49.9 | 49.9-50.05 | > 50.05 |
|----------|-------|-------|-----------|-----------|-------|------------|---------|
| NEW GRID | 0.00  | 0.00  | 0.45      | 5.42      | 5.87  | 62.22      | 31.91   |
| SR GRID  | 0.00  | 0.00  | 0.45      | 5.42      | 5.87  | 62.22      | 31.91   |

**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            | 4527                                | 0                                   | 89.5            | 57.5                 | -1.1             | 137         |
|               | Haryana           | 5077                                | 0                                   | 86.6            | 65.0                 | 0.0              | 322         |
|               | Rajasthan         | 6343                                | 0                                   | 137.7           | 45.4                 | 0.4              | 249         |
|               | Delhi             | 3062                                | 0                                   | 63.3            | 47.3                 | -0.1             | 155         |
|               | UP                | 9563                                | 2510                                | 219.0           | 93.3                 | -2.8             | 116         |
|               | Uttarakhand       | 1535                                | 0                                   | 31.8            | 19.6                 | 1.5              | 157         |
|               | HP                | 1148                                | 0                                   | 22.6            | 11.3                 | 0.1              | 92          |
|               | J&K               | 1892                                | 378                                 | 35.9            | 23.0                 | -0.4             | 252         |
| WR            | Chandigarh        | 167                                 | 0                                   | 3.2             | 3.3                  | 0.3              | 7           |
|               | Chhattisgarh      | 3338                                | 96                                  | 78.7            | 38.0                 | 0.1              | 389         |
|               | Gujarat           | 11678                               | 0                                   | 251.5           | 45.3                 | 1.7              | 652         |
|               | MP                | 5424                                | 0                                   | 112.8           | 51.7                 | 0.5              | 256         |
|               | Maharashtra       | 16376                               | 41                                  | 356.9           | 101.2                | 0.0              | 446         |
|               | Goa               | 406                                 | 0                                   | 9.0             | 8.4                  | 0.0              | 27          |
|               | DD                | 272                                 | 0                                   | 6.2             | 6.2                  | 0.0              | 67          |
|               | DNH               | 695                                 | 0                                   | 16.4            | 17.0                 | -0.3             | 3           |
| SR            | Essar steel       | 493                                 | 0                                   | 8.9             | 9.2                  | -0.3             | 140         |
|               | Andhra Pradesh    | 6154                                | 0                                   | 134.9           | 35.2                 | -1.0             | 442         |
|               | Telangana         | 5000                                | 0                                   | 111.9           | 60.9                 | 0.8              | 321         |
|               | Karnataka         | 7143                                | 400                                 | 157.7           | 33.4                 | 2.7              | 654         |
|               | Kerala            | 2997                                | 125                                 | 58.5            | 39.5                 | 1.7              | 196         |
|               | Tamil Nadu        | 10414                               | 900                                 | 274.4           | 109.2                | -2.6             | 304         |
|               | Pondy             | 300                                 | 0                                   | 7.3             | 6.8                  | 0.6              | 57          |
| ER            | Bihar             | 2311                                | 150                                 | 49.1            | 45.0                 | 1.6              | 100         |
|               | DVC               | 2453                                | 0                                   | 56.3            | -15.9                | 0.0              | 170         |
|               | Jharkhand         | 961                                 | 0                                   | 20.9            | 9.7                  | -1.4             | 40          |
|               | Odisha            | 3759                                | 0                                   | 70.7            | 19.7                 | 2.1              | 270         |
|               | West Bengal       | 5876                                | 0                                   | 134.9           | 35.6                 | 1.8              | 230         |
|               | Sikkim            | 75                                  | 0                                   | 0.9             | 1.2                  | -0.3             | 20          |
| NER           | Arunachal Pradesh | 94                                  | 4                                   | 1.6             | 1.3                  | 0.2              | 54          |
|               | Assam             | 1231                                | 52                                  | 21.3            | 14.1                 | 2.4              | 179         |
|               | Manipur           | 116                                 | 0                                   | 2.0             | 1.7                  | 0.3              | 20          |
|               | Meghalaya         | 260                                 | 1                                   | 4.6             | 3.8                  | 0.0              | 145         |
|               | Mizoram           | 74                                  | 2                                   | 1.2             | 1.0                  | 0.2              | 32          |
|               | Nagaland          | 105                                 | 4                                   | 1.9             | 1.6                  | 0.3              | 55          |
|               | Tripura           | 234                                 | 2                                   | 2.9             | 0.9                  | -0.1             | 89          |

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

|            | Bhutan | Nepal  | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 3.3    | -3.7   | -10.8      |
| Max MW     |        | -198.4 | -455.0     |

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

|              | NR   | WR    | SR   | ER    | NER | TOTAL |
|--------------|------|-------|------|-------|-----|-------|
| Schedule(MU) | 83.1 | -98.9 | 48.4 | -38.8 | 6.0 | -0.2  |
| Actual(MU)   | 81.9 | -98.0 | 39.2 | -32.4 | 8.8 | -0.5  |
| O/D/U/D(MU)  | -1.2 | 0.9   | -9.2 | 6.3   | 2.8 | -0.4  |

**F. Generation Outage(MW)**

|                | NR    | WR    | SR   | ER   | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 5379  | 12124 | 500  | 3365 | 235 | 21603 |
| State Sector   | 11205 | 11479 | 2972 | 4769 | 110 | 30535 |
| Total          | 16584 | 23603 | 3472 | 8134 | 345 | 52138 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(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

| <b>INTER-REGIONAL EXCHANGES</b>       |               |                                       |         |                 |                 |                               |              |              |
|---------------------------------------|---------------|---------------------------------------|---------|-----------------|-----------------|-------------------------------|--------------|--------------|
|                                       |               |                                       |         |                 |                 | Date of Reporting : 13-Apr-15 |              |              |
|                                       |               |                                       |         |                 |                 | Import=(+ve) /Export =(-ve)   |              |              |
| SI 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-FATEHPUR                         | S/C     | 88              | -103            | 0.0                           | 0.0          | 0.0          |
|                                       |               | GAYA-BALIA                            | S/C     | 0               | 0               | 0.0                           | -2.0         | -2.0         |
| 2                                     |               | SASARAM-FATEHPUR                      | S/C     | 0               | 0               | 4.0                           | 0.0          | 4.0          |
| 3                                     | HVDC LINK     | PUSAULI B/B                           | S/C     | 0               | 0               | 0.0                           | -2.0         | -2.0         |
| 4                                     | 400 KV        | PUSAULI-SARNATH                       | S/C     | 0               | 0               | 0.0                           | -2.0         | -2.0         |
| 5                                     |               | PUSAULI -ALLAHABAD                    | D/C     | 0               | -82             | 0.0                           | 0.0          | 0.0          |
| 6                                     |               | MUZAFFARPUR-GORAKHPUR                 | D/C     | 0               | -60             | 0.0                           | 0.0          | 0.0          |
| 7                                     |               | PATNA-BALIA                           | Q/C     | 152             | -103            | 0.0                           | 0.0          | 0.0          |
| 8                                     |               | BIHARSHARIFF-BALIA                    | D/C     | 20              | -106            | 0.0                           | -2.0         | -2.0         |
| 10                                    | 220 KV        | PUSAULI-SAHUPURI                      | S/C     | 0               | -233            | 0.0                           | -4.0         | -4.0         |
| 11                                    | 132 KV        | SONE NAGAR-RIHAND                     | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| 12                                    |               | GARWAH-RIHAND                         | S/C     | 26              | 0               | 1.0                           | 0.0          | 1.0          |
| 13                                    |               | KARMANASA-SAHUPURI                    | S/C     | 1               | 0               | 0.0                           | 0.0          | 0.0          |
| 14                                    |               | KARMANASA-CHANDAULI                   | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| <b>ER-NR</b>                          |               |                                       |         |                 |                 | <b>5.0</b>                    | <b>-12.0</b> | <b>-7.0</b>  |
| <b>Import/Export of ER (With WR)</b>  |               |                                       |         |                 |                 |                               |              |              |
| 15                                    | 765 KV        | JHARSUGUDA-DHARAMJAIGARH S/C          | D/C     | -166            | 0               | -3.0                          | -3.0         | -3.0         |
| 16                                    |               | NEW RANCHI-DHARAMJAIGARH              | S/C     | 0               | 168             | 0.0                           | 0.0          | 3.0          |
| 17                                    | 400 KV        | ROURKELA - RAIGARH ( SEL LILO BYPASS) | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| 18                                    |               | JHARSUGUDA-RAIGARH                    | S/C     | 0               | 0               | 0.0                           | -1.0         | -1.0         |
| 19                                    |               | IBEUL-RAIGARH                         | S/C     | 0               | 0               | 0.0                           | -1.0         | -1.0         |
| 20                                    |               | STERLITE-RAIGARH                      | D/C     | 0               | 0               | 0.0                           | -5.9         | -5.9         |
| 21                                    |               | RANCHI-SIPAT                          | D/C     | 0               | 0               | 0.0                           | -0.1         | -0.1         |
| 22                                    | 220 KV        | BUDHIPADAR-RAIGARH                    | S/C     | 305             | 0               | 3.0                           | 0.0          | 3.0          |
| 23                                    |               | BUDHIPADAR-KORBA                      | D/C     | 0               | -218            | 0.0                           | -4.0         | -4.0         |
| <b>ER-WR</b>                          |               |                                       |         |                 |                 | <b>0.0</b>                    | <b>-15.0</b> | <b>-9.0</b>  |
| <b>Import/Export of ER (With SR)</b>  |               |                                       |         |                 |                 |                               |              |              |
| 24                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B                  | D/C     | 0               | -699            | 0                             | -14.0        | -14.0        |
| 25                                    |               | TALCHER-KOLAR BIPOLE                  | D/C     | 0               | -1973           | 0                             | -42.0        | -42.0        |
| 26                                    | 400 KV        | TALCHER-I/C                           |         | 0               | 0               | 0                             | 0            | 0            |
| 27                                    | 220 KV        | BALIMELA-UPPER-SILERRU                | S/C     | 0               | 0               | 0                             | 0            | 0            |
| <b>ER-SR</b>                          |               |                                       |         |                 |                 | <b>0.0</b>                    | <b>-56.0</b> | <b>-56.0</b> |
| <b>Import/Export of ER (With NER)</b> |               |                                       |         |                 |                 |                               |              |              |
| 27                                    | 400 KV        | BINAGURI-BONGAIGAON                   | Q/C     | 0               | 0               | 0                             | 0            | 0            |
| 28                                    | 220 KV        | BIRPARA-SALAKATI                      | D/C     | 0               | -267            | 0                             | -9           | -9           |
| <b>ER-NER</b>                         |               |                                       |         |                 |                 | <b>0.0</b>                    | <b>-9.0</b>  | <b>-9.0</b>  |
| <b>Import/Export of WR (With NR)</b>  |               |                                       |         |                 |                 |                               |              |              |
| 29                                    | HVDC          | V'CHAL B/B                            | D/C     | 350             | -300            | 6.0                           | -0.2         | 5.8          |
| 30                                    | 765 KV        | GWALIOR-AGRA                          | D/C     | 0               | -2174           | 0.0                           | -37.2        | -37.2        |
| 31                                    | 400 KV        | ZERDA-KANKROLI                        | S/C     | 287             | 0               | 5.7                           | 0.0          | 5.7          |
| 32                                    | 400 KV        | ZERDA -BHINMAL                        | S/C     | 365             | 0               | 4.9                           | 0.0          | 4.9          |
| 33                                    | 400 KV        | V'CHAL -RIHAND                        | S/C     | 0               | -345            | 0.0                           | -3.5         | -3.5         |
| 34                                    | 220 KV        | BADOD-KOTA                            | S/C     | 70              | -15             | 0.8                           | 0.0          | 0.5          |
| 35                                    |               | BADOD-MORAK                           | S/C     | 45              | -13             | 0.3                           | 0.0          | 1.8          |
| 36                                    |               | MEHGAON-AURAIYA                       | S/C     | 46              | 0               | 0.6                           | 0.0          | 0.8          |
| 37                                    |               | MALANPUR-AURAIYA                      | S/C     | 24              | -6              | 0.2                           | 0.0          | 0.3          |
| 38                                    | 132KV         | GWALIOR-SAWAI MADHOPUR                | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| <b>WR-NR</b>                          |               |                                       |         |                 |                 | <b>18.5</b>                   | <b>-40.9</b> | <b>-20.9</b> |
| 39                                    | HVDC          | APL -MHG                              | D/C     | 0               | -2519           | 0.0                           | -53.5        | -53.5        |
| <b>Import/Export of WR (With SR)</b>  |               |                                       |         |                 |                 |                               |              |              |
| 40                                    | HVDC LINK     | BHADRAWATI B/B                        | -       | 0               | -1000           | 0.0                           | -23.7        | -23.7        |
| 41                                    |               | BARSUR-L.SILERU                       | -       | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| 42                                    | 765 KV        | SOLAPUR-RAICHUR                       | D/C     | 1028            | -735            | 0.0                           | -4.0         | -4.0         |
| 43                                    | 220 KV        | KOLHAPUR-CHIKODI                      | D/C     | 0               | -105            | 0.0                           | -1.2         | -1.2         |
| 44                                    |               | PONDA-AMBEWADI                        | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| 45                                    |               | XELDEM-AMBEWADI                       | S/C     | 107             | 0               | 2.1                           | 0.0          | 2.1          |
| <b>WR-SR</b>                          |               |                                       |         |                 |                 | <b>2.1</b>                    | <b>-28.9</b> | <b>-26.8</b> |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                                       |         |                 |                 |                               |              |              |
| 46                                    |               | BHUTAN                                |         |                 |                 |                               |              | 3.3          |
| 47                                    |               | NEPAL                                 |         |                 |                 |                               |              | -3.7         |
| 48                                    |               | BANGLADESH                            |         |                 |                 |                               |              | -10.8        |