



**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: 23<sup>rd</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, शिलॉंग - 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 22.04.2015.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, दिनांक 22 अप्रैल 2015 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 22<sup>nd</sup> April 2015, is available at the NLDC website.

[http://posoco.in/attachments/article/94/23.04.15\\_NLDC\\_PSP.pdf](http://posoco.in/attachments/article/94/23.04.15_NLDC_PSP.pdf)

Thanking You.

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

Report for previous day

Date of Reporting

23-Apr-15

A. Maximum Demand

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 38681 | 40794 | 33311 | 15780 | 1878  | 130444 |
| Peak Shortage (MW)                     | 2020  | 161   | 1262  | 0     | 305   | 3748   |
| Energy Met (MU)                        | 841   | 1017  | 805   | 335   | 29    | 3027   |
| Hydro Gen(MU)                          | 187   | 60    | 74    | 31    | 5     | 357    |
| Wind Gen(MU)                           | 6     | 34    | 13    | ----- | ----- | 53     |

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  | 0.37      | 12.75     | 13.13 | 59.20      | 27.67   |
| SR GRID  | 0.00  | 0.00  | 0.37      | 12.75     | 13.13 | 59.20      | 27.67   |

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            | 5330                                | 0                                   | 100.4           | 64.6                 | -0.3             | 123         |
|               | Haryana           | 5943                                | 0                                   | 112.1           | 84.9                 | -1.1             | 686         |
|               | Rajasthan         | 7994                                | 0                                   | 178.3           | 62.5                 | -0.1             | 276         |
|               | Delhi             | 4055                                | 2                                   | 85.7            | 61.6                 | -1.7             | 68          |
|               | UP                | 11791                               | 2555                                | 260.1           | 109.1                | -1.4             | 291         |
|               | Uttarakhand       | 1725                                | 75                                  | 35.9            | 22.3                 | 2.3              | 249         |
|               | HP                | 1233                                | 0                                   | 24.7            | 12.0                 | -0.3             | 90          |
|               | J&K               | 1882                                | 376                                 | 38.7            | 21.9                 | 3.4              | 353         |
| WR            | Chandigarh        | 226                                 | 0                                   | 4.6             | 4.6                  | 0.3              | 19          |
|               | Chhattisgarh      | 3543                                | 0                                   | 87.6            | 26.3                 | 6.0              | 174         |
|               | Gujarat           | 13488                               | 0                                   | 304.5           | 50.9                 | 0.4              | 308         |
|               | MP                | 7053                                | 0                                   | 151.1           | 78.7                 | -1.9             | 341         |
|               | Maharashtra       | 19985                               | 219                                 | 433.6           | 117.7                | 4.4              | 613         |
|               | Goa               | 445                                 | 0                                   | 9.5             | 8.0                  | 1.0              | 113         |
|               | DD                | 298                                 | 0                                   | 6.6             | 6.5                  | 0.0              | 67          |
|               | DNH               | 740                                 | 0                                   | 16.9            | 17.2                 | -0.3             | 15          |
| SR            | Essar steel       | 358                                 | 0                                   | 7.3             | 8.1                  | -0.8             | 98          |
|               | Andhra Pradesh    | 6385                                | 0                                   | 143.5           | 31.6                 | -0.6             | 541         |
|               | Telangana         | 6149                                | 134                                 | 137.5           | 84.0                 | 0.4              | 257         |
|               | Karnataka         | 8437                                | 400                                 | 181.0           | 36.3                 | 2.7              | 394         |
|               | Kerala            | 3482                                | 30                                  | 59.0            | 39.4                 | -1.5             | 225         |
|               | Tamil Nadu        | 11789                               | 200                                 | 276.2           | 111.8                | 0.4              | 337         |
| ER            | Pondy             | 330                                 | 0                                   | 7.4             | 7.1                  | 0.3              | 33          |
|               | Bihar             | 2654                                | 0                                   | 50.1            | 50.8                 | -2.7             | 150         |
|               | DVC               | 2535                                | 0                                   | 58.3            | -15.6                | -3.8             | 100         |
|               | Jharkhand         | 921                                 | 0                                   | 22.0            | 11.3                 | 0.0              | 0           |
|               | Odisha            | 3521                                | 0                                   | 73.2            | 20.7                 | 0.6              | 200         |
|               | West Bengal       | 7172                                | 0                                   | 131.0           | 42.4                 | -2.5             | 50          |
| NER           | Sikkim            | 63                                  | 0                                   | 0.8             | 1.4                  | -0.6             | 5           |
|               | Arunachal Pradesh | 97                                  | 3                                   | 1.0             | 1.4                  | -0.5             | 31          |
|               | Assam             | 1180                                | 136                                 | 18.5            | 12.5                 | 1.3              | 240         |
|               | Manipur           | 103                                 | 12                                  | 1.5             | 2.2                  | -0.7             | 30          |
|               | Meghalaya         | 292                                 | 3                                   | 3.6             | 3.2                  | -0.7             | 42          |
|               | Mizoram           | 61                                  | 7                                   | 0.6             | 0.7                  | -0.1             | 10          |
|               | Nagaland          | 78                                  | 16                                  | 1.6             | 1.4                  | 0.1              | 35          |
| Tripura       | 188               | 13                                  | 2.4                                 | 0.8             | 0.0                  | 43               |             |

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

|            | Bhutan | Nepal  | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 10.6   | -2.0   | -10.5      |
| Max MW     |        | -177.0 | -445.0     |

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

|              | NR    | WR     | SR   | ER    | NER  | TOTAL |
|--------------|-------|--------|------|-------|------|-------|
| Schedule(MU) | 124.2 | -133.7 | 51.5 | -51.7 | 7.9  | -1.7  |
| Actual(MU)   | 139.1 | -133.4 | 57.9 | -60.6 | 7.1  | 10.1  |
| O/D/U/D(MU)  | 14.9  | 0.2    | 6.4  | -9.0  | -0.8 | 11.8  |

F. Generation Outage(MW)

|                | NR    | WR    | SR   | ER   | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 5281  | 11615 | 750  | 2180 | 679 | 20505 |
| State Sector   | 9610  | 11741 | 1682 | 5999 | 110 | 29142 |
| Total          | 14891 | 23356 | 2432 | 8179 | 788 | 49647 |

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 : 23-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     | 52              | -224            | 0.0                           | -3.0         | -3.0         |
|                                       |               | GAYA-BALIA                            | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| 2                                     |               | SASARAM-FATEHPUR                      | S/C     | 0               | 0               | 1.0                           | 0.0          | 1.0          |
| 3                                     | HVDC LINK     | PUSAULI B/B                           | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| 4                                     | 400 KV        | PUSAULI-SARNATH                       | S/C     | 0               | 0               | 0.0                           | -7.0         | -7.0         |
| 5                                     |               | PUSAULI -ALLAHABAD                    | D/C     | 0               | -189            | 0.0                           | 0.0          | 0.0          |
| 6                                     |               | MUZAFFARPUR-GORAKHPUR                 | D/C     | 0               | -155            | 0.0                           | 0.0          | 0.0          |
| 7                                     |               | PATNA-BALIA                           | Q/C     | 322             | -100            | 0.0                           | -1.0         | -1.0         |
| 8                                     |               | BIHARSHARIFF-BALIA                    | D/C     | 0               | -215            | 0.0                           | -8.0         | -8.0         |
| 10                                    | 220 KV        | PUSAULI-SAHUPURI                      | S/C     | 0               | -239            | 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>2.0</b>                    | <b>-23.0</b> | <b>-21.0</b> |
| <b>Import/Export of ER (With WR)</b>  |               |                                       |         |                 |                 |                               |              |              |
| 15                                    | 765 KV        | JHARSUGUDA-DHARAMJAIGARH S/C          | D/C     | -76             | 55              | -0.1                          | 0.0          | -0.1         |
| 16                                    |               | NEW RANCHI-DHARAMJAIGARH              | S/C     | -75             | 34              | -0.3                          | 0.0          | -0.3         |
| 17                                    | 400 KV        | ROURKELA - RAIGARH ( SEL LILO BYPASS) | S/C     | 0               | 0               | 0.0                           | -1.0         | -1.0         |
| 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     | 1               | 0               | 0.0                           | -0.1         | -0.1         |
| 22                                    | 220 KV        | BUDHIPADAR-RAIGARH                    | S/C     | 220             | 0               | 1.0                           | 0.0          | 1.0          |
| 23                                    |               | BUDHIPADAR-KORBA                      | D/C     | 0               | -191            | 0.0                           | -3.0         | -3.0         |
| <b>ER-WR</b>                          |               |                                       |         |                 |                 | <b>0.6</b>                    | <b>-12.0</b> | <b>-11.4</b> |
| <b>Import/Export of ER (With SR)</b>  |               |                                       |         |                 |                 |                               |              |              |
| 24                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B                  | D/C     | 0               | -674            | 0                             | -15.0        | -15.0        |
| 25                                    |               | TALCHER-KOLAR BIPOLE                  | D/C     | 0               | -2366           | 0                             | -50.0        | -50.0        |
| 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>-65.0</b> | <b>-65.0</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               | -246            | 0                             | -6           | -6           |
| <b>ER-NER</b>                         |               |                                       |         |                 |                 | <b>0.0</b>                    | <b>-6.0</b>  | <b>-6.0</b>  |
| <b>Import/Export of WR (With NR)</b>  |               |                                       |         |                 |                 |                               |              |              |
| 29                                    | HVDC          | V'CHAL B/B                            | D/C     | 0               | -450            | 0.0                           | -6.6         | -6.6         |
| 30                                    | 765 KV        | GWALIOR-AGRA                          | D/C     | 0               | -2478           | 0.0                           | -43.9        | -43.9        |
| 31                                    | 400 KV        | ZERDA-KANKROLI                        | S/C     | 326             | 0               | 6.4                           | 0.0          | 6.4          |
| 32                                    | 400 KV        | ZERDA -BHINMAL                        | S/C     | 295             | 0               | 4.6                           | 0.0          | 4.6          |
| 33                                    | 400 KV        | V'CHAL -RIHAND                        | S/C     | 0               | -518            | 0.0                           | -11.6        | -11.6        |
| 34                                    | 220 KV        | BADOD-KOTA                            | S/C     | 70              | 0               | 1.2                           | 0.0          | 1.2          |
| 35                                    |               | BADOD-MORAK                           | S/C     | 34              | 0               | 0.5                           | 0.0          | 0.5          |
| 36                                    |               | MEHGAON-AURAIYA                       | S/C     | 46              | 0               | 0.8                           | 0.0          | 0.8          |
| 37                                    |               | MALANPUR-AURAIYA                      | S/C     | 23              | 0               | 0.2                           | 0.0          | 0.2          |
| 38                                    | 132KV         | GWALIOR-SAWAI MADHOPUR                | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| <b>WR-NR</b>                          |               |                                       |         |                 |                 | <b>13.8</b>                   | <b>-62.1</b> | <b>-48.3</b> |
| 39                                    | HVDC          | APL -MHG                              | D/C     | 0               | -2521           | 0.0                           | -60.5        | -60.5        |
| <b>Import/Export of WR (With SR)</b>  |               |                                       |         |                 |                 |                               |              |              |
| 40                                    | HVDC LINK     | BHADRAWATI B/B                        | -       | 0               | -1000           | 0.0                           | -23.8        | -23.8        |
| 41                                    |               | BARSUR-L.SILERU                       | -       | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| 42                                    | 765 KV        | SOLAPUR-RAICHUR                       | D/C     | 0               | -1046           | 0.0                           | -14.9        | -14.9        |
| 43                                    | 220 KV        | KOLHAPUR-CHIKODI                      | D/C     | 0               | -163            | 0.0                           | -3.2         | -3.2         |
| 44                                    |               | PONDA-AMBEWADI                        | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| 45                                    |               | XELDEM-AMBEWADI                       | S/C     | 110             | 0               | 2.4                           | 0.0          | 2.4          |
| <b>WR-SR</b>                          |               |                                       |         |                 |                 | <b>2.4</b>                    | <b>-41.8</b> | <b>-39.4</b> |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                                       |         |                 |                 |                               |              |              |
| 46                                    |               | BHUTAN                                |         |                 |                 |                               |              | 10.6         |
| 47                                    |               | NEPAL                                 |         |                 |                 |                               |              | -2.0         |
| 48                                    |               | BANGLADESH                            |         |                 |                 |                               |              | -10.5        |