



**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: 29<sup>th</sup> Dec, 2015

To,

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General Manager, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
2. Executive Director, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
कार्यपालक निदेशक, 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 28.12.2015.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 28<sup>th</sup> Dec 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 28<sup>th</sup> Dec 2015, is available at the NLDC website.

[http://posoco.in/attachments/article/94/29.12.15\\_NLDC\\_PSP.pdf](http://posoco.in/attachments/article/94/29.12.15_NLDC_PSP.pdf)

Thanking You.

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

Report for previous day

Date of Reporting

29-Dec-15

A. Maximum Demand

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 39287 | 41721 | 32840 | 16142 | 2303  | 132293 |
| Peak Shortage (MW)                     | 1526  | 499   | 850   | 300   | 66    | 3241   |
| Energy Met (MU)                        | 830   | 950   | 749   | 325   | 38    | 2892   |
| Hydro Gen(MU)                          | 116   | 27    | 44    | 16    | 7     | 210    |
| Wind Gen(MU)                           | 2     | 44    | 38    | ----- | ----- | 84     |

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  | 1.28      | 9.56      | 10.84 | 59.29      | 29.86   |
| SR GRID  | 0.00  | 0.00  | 1.28      | 9.56      | 10.84 | 59.29      | 29.86   |

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            | 4900                                | 0                                   | 89.4            | 36.7                 | -1.9             | 113         |
|               | Haryana           | 6138                                | 0                                   | 111.8           | 62.5                 | -2.2             | 174         |
|               | Rajasthan         | 9907                                | 0                                   | 221.1           | 78.2                 | 3.1              | 447         |
|               | Delhi             | 3695                                | 0                                   | 62.1            | 49.1                 | -0.8             | 241         |
|               | UP                | 10942                               | 960                                 | 236.3           | 105.8                | -0.5             | 426         |
|               | Uttarakhand       | 1877                                | 0                                   | 35.5            | 24.8                 | 0.6              | 152         |
|               | HP                | 1386                                | 0                                   | 25.4            | 22.7                 | -1.1             | 31          |
|               | J&K               | 1992                                | 498                                 | 44.6            | 37.0                 | -0.1             | 136         |
| WR            | Chandigarh        | 217                                 | 0                                   | 3.6             | 3.9                  | 0.3              | 7           |
|               | Chhattisgarh      | 3331                                | 415                                 | 71.7            | 28.3                 | 5.9              | 382         |
|               | Gujarat           | 12650                               | 0                                   | 265.7           | 71.1                 | -0.9             | 416         |
|               | MP                | 10862                               | 0                                   | 216.5           | 130.0                | -2.9             | 417         |
|               | Maharashtra       | 18242                               | 13                                  | 360.3           | 59.3                 | -0.7             | 584         |
|               | Goa               | 424                                 | 0                                   | 8.4             | 8.1                  | -0.2             | 3           |
|               | DD                | 285                                 | 0                                   | 6.2             | 6.2                  | 0.1              | 27          |
|               | DNH               | 679                                 | 0                                   | 15.6            | 15.6                 | 0.0              | 15          |
| SR            | Essar steel       | 393                                 | 0                                   | 5.7             | 7.1                  | -1.5             | 182         |
|               | Andhra Pradesh    | 6325                                | 0                                   | 126.5           | 32.3                 | -1.0             | 447         |
|               | Telangana         | 5918                                | 0                                   | 125.1           | 83.0                 | -0.8             | 371         |
|               | Karnataka         | 7977                                | 600                                 | 175.3           | 45.5                 | 0.8              | 487         |
|               | Kerala            | 3407                                | 0                                   | 61.2            | 49.8                 | 1.4              | 149         |
|               | Tamil Nadu        | 12627                               | 0                                   | 255.1           | 110.2                | 3.0              | 465         |
| ER            | Pondy             | 296                                 | 0                                   | 5.8             | 6.3                  | -0.5             | 21          |
|               | Bihar             | 3253                                | 0                                   | 65.3            | 64.2                 | -0.8             | 325         |
|               | DVC               | 2518                                | 0                                   | 57.5            | -10.5                | -0.1             | 354         |
|               | Jharkhand         | 1024                                | 0                                   | 22.5            | 12.9                 | -0.4             | 145         |
|               | Odisha            | 3563                                | 0                                   | 64.7            | 18.6                 | 0.7              | 298         |
|               | West Bengal       | 6364                                | 0                                   | 113.4           | 19.2                 | 0.8              | 345         |
| NER           | Sikkim            | 116                                 | 0                                   | 1.5             | 1.1                  | 0.4              | 20          |
|               | Arunachal Pradesh | 104                                 | 1                                   | 1.8             | 1.3                  | 0.4              | 43          |
|               | Assam             | 1290                                | 21                                  | 21.5            | 14.0                 | 2.3              | 232         |
|               | Manipur           | 149                                 | 1                                   | 2.8             | 2.5                  | 0.3              | 44          |
|               | Meghalaya         | 338                                 | 2                                   | 5.4             | 4.4                  | -0.1             | 42          |
|               | Mizoram           | 94                                  | 1                                   | 1.4             | 1.1                  | 0.3              | 38          |
|               | Nagaland          | 138                                 | 2                                   | 2.0             | 1.6                  | 0.4              | 50          |
| Tripura       | 218               | 2                                   | 3.3                                 | -0.9            | 0.3                  | 37               |             |

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

|            | Bhutan | Nepal  | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 2.8    | -5.1   | -9.3       |
| Max MW     |        | -222.4 | -465.0     |

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

|              | NR    | WR     | SR   | ER    | NER | TOTAL |
|--------------|-------|--------|------|-------|-----|-------|
| Schedule(MU) | 165.0 | -181.3 | 71.3 | -62.9 | 5.9 | -1.9  |
| Actual(MU)   | 176.1 | -193.9 | 66.4 | -61.5 | 9.4 | -3.5  |
| O/D/U/D(MU)  | 11.1  | -12.6  | -4.9 | 1.4   | 3.5 | -1.6  |

F. Generation Outage(MW)

|                | NR    | WR    | SR   | ER   | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 3790  | 10481 | 1970 | 800  | 454 | 17495 |
| State Sector   | 9070  | 14469 | 5542 | 5699 | 110 | 34890 |
| Total          | 12860 | 24950 | 7512 | 6499 | 564 | 52385 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(वि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

| INTER-REGIONAL EXCHANGES              |               |                                       |         |                 |                 |             |              | Date of Reporting :                            | 29-Dec-15 |
|---------------------------------------|---------------|---------------------------------------|---------|-----------------|-----------------|-------------|--------------|--|-----------|
| SI No                                 | Voltage Level | Line Details                          | Circuit | Max Import (MW) | Max Export (MW) | Import (MU) | Export (MU)  | NET (MU)                                       |           |
|                                       |               |                                       |         |                 |                 |             |              | Import=(+ve)<br>/Export =(-ve)<br>for NET (MU) |           |
| <b>Import/Export of ER (With NR)</b>  |               |                                       |         |                 |                 |             |              |  |           |
| 1                                     | 765KV         | GAYA-FATEHPUR                         | S/C     | 0               | 389             | 0.0         | 4.0          | -4.0   |           |
|                                       |               | SASARAM-FATEHPUR                      | S/C     | 0               | 0               | 1.0         | 0.0          | 1.0  |           |
| 2                                     |               | GAYA-BALIA                            | S/C     | 0               | 0               | 0.0         | 4.0          | -4.0   |           |
| 3                                     | HVDC LINK     | PUSAULI B/B                           | S/C     | 0               | 0               | 0.0         | 9.0          | -9.0   |           |
| 4                                     | 400 KV        | PUSAULI-SARNATH                       | S/C     | 0               | 230             | 0.0         | 0.0          | 0.0  |           |
| 5                                     |               | PUSAULI -ALLAHABAD                    | D/C     | 0               | 177             | 0.0         | 0.0          | 0.0  |           |
| 6                                     |               | MUZAFFARPUR-GORAKHPUR                 | D/C     | 528             | 114             | 3.0         | 0.0          | 3.0  |           |
| 7                                     |               | PATNA-BALIA                           | Q/C     | 0               | 355             | 0.0         | 13.0         | -13.0  |           |
| 8                                     |               | BIHARSHARIFF-BALIA                    | D/C     | 248             | 61              | 1.0         | 0.0          | 1.0  |           |
| 10                                    | 220 KV        | BARH-GORAKHPUR                        | D/C     | 0               | 0               | 0.0         | 9.0          | -9.0   |           |
| 10                                    | 220 KV        | PUSAULI-SAHUPURI                      | S/C     | 0               | 151             | 0.0         | 3.0          | -3.0   |           |
| 11                                    | 132 KV        | SONE NAGAR-RIHAND                     | S/C     | 0               | 1               | 0.0         | 0.0          | 0.0  |           |
| 12                                    |               | GARWAH-RIHAND                         | S/C     | 25              | 5               | 1.0         | 0.0          | 1.0  |           |
| 13                                    |               | KARMANASA-SAHUPURI                    | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |           |
| 14                                    |               | KARMANASA-CHANDALI                    | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |           |
| <b>ER-NR</b>                          |               |                                       |         |                 |                 | <b>6.0</b>  | <b>42.0</b>  | <b>-36.0</b>                                   |           |
| <b>Import/Export of ER (With WR)</b>  |               |                                       |         |                 |                 |             |              |  |           |
| 15                                    | 765 KV        | JHARSUGUDA-DHARAMJAIGARH S/C          | D/C     | 0               | 0               | 0.0         | 13.0         | -13.0  |           |
| 16                                    |               | NEW RANCHI-DHARAMJAIGARH              | D/C     | 0               | 0               | 0.0         | 1.0          | -1.0   |           |
| 17                                    | 400 KV        | ROURKELA - RAIGARH ( SEL LILO BYPASS) | S/C     | 0               | 0               | 2.0         | 0.0          | 2.0  |           |
| 18                                    |               | JHARSUGUDA-RAIGARH                    | S/C     | 0               | 0               | 4.0         | 0.0          | 4.0  |           |
| 19                                    |               | IBEUL-RAIGARH                         | S/C     | 0               | 0               | 3.0         | 0.0          | 3.0  |           |
| 20                                    |               | STERLITE-RAIGARH                      | D/C     | 0               | 0               | 0.0         | 2.0          | -2.0   |           |
| 21                                    |               | RANCHI-SIPAT                          | D/C     | 414             | 0               | 4.0         | 0.0          | 4.0  |           |
| 22                                    | 220 KV        | BUDHIPADAR-RAIGARH                    | S/C     | 0               | 206             | 0.0         | 2.0          | -2.0   |           |
| 23                                    |               | BUDHIPADAR-KORBA                      | D/C     | 9               | 153             | 0.0         | 1.0          | -1.0   |           |
| <b>ER-WR</b>                          |               |                                       |         |                 |                 | <b>13.0</b> | <b>19.0</b>  | <b>-6.0</b>                                    |           |
| <b>Import/Export of ER (With SR)</b>  |               |                                       |         |                 |                 |             |              |  |           |
| 24                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B                  | D/C     | 0               | 781             | 0           | 16.0         | -16.0  |           |
| 25                                    | LINK          | TALCHER-KOLAR BIPOLE                  | D/C     | 0               | 2448            | 0           | 45.0         | -45.0  |           |
| 26                                    | 400 KV        | TALCHER-I/C                           |         | 285             | 385             | 1           | 0            | 1.0  |           |
| 27                                    | 220 KV        | BALIMELA-UPPER-SILERRU                | S/C     | 0               | 0               | 0           | 0            | 0.0  |           |
| <b>ER-SR</b>                          |               |                                       |         |                 |                 | <b>1.0</b>  | <b>61.0</b>  | <b>-61.0</b>                                   |           |
| <b>Import/Export of ER (With NER)</b> |               |                                       |         |                 |                 |             |              |  |           |
| 27                                    | 400 KV        | BINAGURI-BONGAIGAON                   | Q/C     | 118             | 206             | 1           | 0            | 1  |           |
| 28                                    | 220 KV        | BIRPARA-SALAKATI                      | D/C     | 41              | 46              | 0           | 0            | 0  |           |
| <b>ER-NER</b>                         |               |                                       |         |                 |                 | <b>1.0</b>  | <b>0.0</b>   | <b>1.0</b>                                     |           |
| <b>Import/Export of NR (With NER)</b> |               |                                       |         |                 |                 |             |              |  |           |
| 29                                    | HVDC          | BISWANATH CHARIALI-AGRA               | -       | 0               | 500             | 0           | 11           | -11.4  |           |
| <b>NR-NER</b>                         |               |                                       |         |                 |                 | <b>0.0</b>  | <b>11.4</b>  | <b>-11.4</b>                                   |           |
| <b>Import/Export of WR (With NR)</b>  |               |                                       |         |                 |                 |             |              |  |           |
| 30                                    | HVDC          | VCHAL B/B                             | D/C     | 0               | 350             | 0.0         | 3.5          | -3.5   |           |
| 31                                    | 765 KV        | GWALIOR-AGRA                          | D/C     | 0               | 3390            | 0.0         | 70.3         | -70.3  |           |
| 32                                    | 765 KV        | PHAGI-GWALIOR                         | D/C     | 0               | 1283            | 0           | 25.6         | -25.6  |           |
| 33                                    | 400 KV        | ZERDA-KANKROLI                        | S/C     | 164             | 14              | 1.4         | 0.0          | 1.4  |           |
| 34                                    | 400 KV        | ZERDA -BHINMAL                        | S/C     | 146             | 118             | 0.4         | 0.0          | 0.4  |           |
| 35                                    | 400 KV        | VCHAL -RIHAND                         | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |           |
| 36                                    | 220 KV        | BADOD-KOTA                            | S/C     | 32              | 13              | 0.4         | 0.0          | 0.3  |           |
| 37                                    |               | BADOD-MORAK                           | S/C     | 2               | 56              | 0.1         | 0.6          | -0.6   |           |
| 38                                    |               | MEHGAON-AURAIYA                       | S/C     | 56              | 0               | 1.1         | 0.0          | 1.1  |           |
| 39                                    |               | MALANPUR-AURAIYA                      | S/C     | 23              | 3               | 0.2         | 0.0          | 0.2  |           |
| 40                                    | 132KV         | GWALIOR-SAWAI MADHOPUR                | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |           |
| <b>WR-NR</b>                          |               |                                       |         |                 |                 | <b>3.6</b>  | <b>100.1</b> | <b>-96.5</b>                                   |           |
| 41                                    | HVDC          | APL -MHG                              | D/C     | 0               | 2519            | 0           | 55           | -55.1  |           |
| <b>Import/Export of WR (With SR)</b>  |               |                                       |         |                 |                 |             |              |  |           |
| 42                                    | HVDC          | BHADRAWATI B/B                        | -       | 0               | 500             | 0.0         | 9.6          | -9.6   |           |
| 43                                    | LINK          | BARSUR-L.SILERU                       | -       | 0               | 0               | 0.0         | 0.0          | 0.0  |           |
| 44                                    | 765 KV        | SOLAPUR-RAICHUR                       | D/C     | 0               | 2269            | 0.0         | 39.3         | -39.3  |           |
|                                       | 400 KV        | KOLHAPUR-KUDGI                        | D/C     | 0               | 130             | 0.0         | 1.3          | -1.3   |           |
| 45                                    |               | KOLHAPUR-CHIKODI                      | D/C     | 0               | 216             | 0.0         | 4.3          | -4.3   |           |
| 46                                    | 220 KV        | PONDA-AMBEWADI                        | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |           |
| 47                                    |               | XELDEM-AMBEWADI                       | S/C     | 108             | 0               | 2.2         | 0.0          | 2.2  |           |
| <b>WR-SR</b>                          |               |                                       |         |                 |                 | <b>2.2</b>  | <b>54.5</b>  | <b>-52.3</b>                                   |           |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                                       |         |                 |                 |             |              |  |           |
| 48                                    |               | BHUTAN                                |         |                 |                 |             |              | 2.8  |           |
| 49                                    |               | NEPAL                                 |         |                 |                 |             |              | -5.1   |           |
| 50                                    |               | BANGLADESH                            |         |                 |                 |             |              | -9.3   |           |