



**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: 10<sup>th</sup> Mar, 2016

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. 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 09.03.2016.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 09<sup>th</sup> मार्च 2016 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 09<sup>th</sup> March 2016, is available at the NLDC website.

[http://posoco.in/attachments/article/94/10.03.16\\_NLDC\\_PSP.pdf](http://posoco.in/attachments/article/94/10.03.16_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

10-Mar-16

**A. Maximum Demand**

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 36155 | 42815 | 37270 | 17289 | 2259  | 135788 |
| Peak Shortage (MW)                     | 953   | 174   | 450   | 300   | 83    | 1960   |
| Energy Met (MU)                        | 814   | 1022  | 901   | 368   | 37    | 3142   |
| Hydro Gen(MU)                          | 107   | 34    | 61    | 22    | 5     | 228    |
| Wind Gen(MU)                           | 2     | 20    | 8     | ----- | ----- | 30     |

**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  | 0.87      | 14.43     | 15.30 | 72.16      | 12.53   |
| SR GRID  | 0.00  | 0.00  | 0.87      | 14.43     | 15.30 | 72.16      | 12.53   |

**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            | 5275                                | 0                                   | 103.0           | 58.0                 | -0.3             | 219         |
|               | Haryana           | 6032                                | 0                                   | 108.3           | 76.6                 | 0.0              | 170         |
|               | Rajasthan         | 9530                                | 0                                   | 200.5           | 61.9                 | 1.7              | 369         |
|               | Delhi             | 3339                                | 0                                   | 61.4            | 49.3                 | 1.8              | 260         |
|               | UP                | 11445                               | 965                                 | 237.8           | 107.3                | 0.8              | 344         |
|               | Uttarakhand       | 1697                                | 0                                   | 34.2            | 24.5                 | 1.5              | 165         |
|               | HP                | 1345                                | 0                                   | 24.4            | 20.3                 | -0.4             | 88          |
|               | J&K               | 1991                                | 498                                 | 41.2            | 34.4                 | 0.8              | 220         |
| WR            | Chandigarh        | 183                                 | 0                                   | 3.4             | 3.5                  | 0.3              | 19          |
|               | Chhattisgarh      | 3557                                | 96                                  | 84.4            | 31.6                 | -0.3             | 299         |
|               | Gujarat           | 13237                               | 0                                   | 298.8           | 69.0                 | 4.6              | 451         |
|               | MP                | 8273                                | 0                                   | 176.7           | 110.4                | -1.5             | 273         |
|               | Maharashtra       | 19522                               | 3                                   | 420.0           | 117.6                | -0.8             | 524         |
|               | Goa               | 457                                 | 0                                   | 9.3             | 8.1                  | 0.6              | 28          |
|               | DD                | 305                                 | 0                                   | 6.8             | 6.2                  | 0.7              | 104         |
|               | DNH               | 712                                 | 0                                   | 16.7            | 16.4                 | 0.3              | 89          |
| SR            | Essar steel       | 458                                 | 0                                   | 9.3             | 8.6                  | 0.6              | 151         |
|               | Andhra Pradesh    | 7120                                | 0                                   | 152.6           | 20.7                 | 0.8              | 1361        |
|               | Telangana         | 6261                                | 0                                   | 143.0           | 81.1                 | 1.4              | 739         |
|               | Karnataka         | 9435                                | 400                                 | 210.4           | 67.7                 | 2.0              | 472         |
|               | Kerala            | 3741                                | 0                                   | 74.1            | 50.9                 | 1.5              | 152         |
|               | Tamil Nadu        | 14351                               | 0                                   | 314.4           | 151.2                | 3.3              | 395         |
| ER            | Pondy             | 332                                 | 0                                   | 6.8             | 7.3                  | -0.4             | 17          |
|               | Bihar             | 3305                                | 100                                 | 64.1            | 63.0                 | -0.8             | 345         |
|               | DVC               | 2338                                | 0                                   | 59.3            | -31.3                | -0.6             | 325         |
|               | Jharkhand         | 976                                 | 0                                   | 21.7            | 11.6                 | 0.3              | 115         |
|               | Odisha            | 4030                                | 0                                   | 80.0            | 27.8                 | 1.6              | 365         |
| NER           | West Bengal       | 7144                                | 0                                   | 140.7           | 39.6                 | 1.6              | 385         |
|               | Sikkim            | 109                                 | 0                                   | 1.7             | 1.3                  | 0.4              | 25          |
|               | Arunachal Pradesh | 108                                 | 2                                   | 2.0             | 1.7                  | 0.2              | 37          |
|               | Assam             | 1329                                | 32                                  | 21.9            | 14.6                 | 2.6              | 295         |
|               | Manipur           | 144                                 | 1                                   | 2.2             | 2.3                  | -0.1             | 30          |
|               | Meghalaya         | 302                                 | 0                                   | 5.0             | 4.2                  | -0.4             | 83          |
|               | Mizoram           | 83                                  | 1                                   | 1.3             | 1.1                  | 0.2              | 32          |
| NER           | Nagaland          | 98                                  | 2                                   | 1.8             | 1.5                  | 0.2              | 15          |
|               | Tripura           | 239                                 | 1                                   | 3.2             | 0.9                  | 0.4              | 78          |

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

|            | Bhutan | Nepal  | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 0.5    | -6.3   | -11.4      |
| Max MW     | 107.6  | -299.7 | -484.0     |

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

|              | NR    | WR     | SR   | ER    | NER | TOTAL |
|--------------|-------|--------|------|-------|-----|-------|
| Schedule(MU) | 174.5 | -185.3 | 74.7 | -65.4 | 6.0 | 4.5   |
| Actual(MU)   | 176.8 | -202.4 | 75.8 | -60.6 | 6.2 | -4.2  |
| O/D/U/D(MU)  | 2.3   | -17.1  | 1.1  | 4.8   | 0.2 | -8.7  |

**F. Generation Outage(MW)**

|                | NR    | WR    | SR   | ER   | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 3661  | 10472 | 500  | 1600 | 281 | 16514 |
| State Sector   | 11678 | 14848 | 4407 | 5129 | 110 | 36172 |
| Total          | 15339 | 25320 | 4907 | 6729 | 391 | 52686 |

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

| INTER-REGIONAL EXCHANGES              |               |                                       |                 |                 |                 |             |             |  |
|---------------------------------------|---------------|---------------------------------------|-----------------|-----------------|-----------------|-------------|-------------|--|
|                                       |               |                                       |                 |                 |                 |             |             | Date of Reporting : 10-Mar-16                  |
|                                       |               |                                       |                 |                 |                 |             |             | Import=(+ve)<br>/Export =(-ve)<br>for NET (MU) |
| Sl No                                 | Voltage Level | Line Details                          | Circuit         | Max Import (MW) | Max Export (MW) | Import (MU) | Export (MU) | NET (MU)                                       |
| <b>Import/Export of ER (With NR)</b>  |               |                                       |                 |                 |                 |             |             |  |
| 1                                     | 765KV         | GAYA-FATEHPUR                         | S/C             | 0               | 0               | 0.0         | 0.0         | 0.0  |
|                                       |               | SASARAM-FATEHPUR                      | S/C             | 0               | 218             | 0.0         | 0.7         | -0.7   |
| 2                                     |               | GAYA-BALIA                            | S/C             | 0               | 258             | 0.0         | 3.6         | -3.6   |
| 3                                     | HVDC LINK     | PUSAULI B/B                           | S/C             | 365             | 365             | 0.0         | 8.8         | -8.8   |
| 4                                     | 400 KV        | PUSAULI-SARNATH                       | S/C             | 209             | 209             | 0.0         | 0.0         | 0.0  |
| 5                                     |               | PUSAULI -ALLAHABAD                    | D/C             | 148             | 148             | 0.0         | 0.0         | 0.0  |
| 6                                     |               | MUZAFFARPUR-GORAKHPUR                 | D/C             | 0               | 0               | 7.0         | 0.0         | 7.0  |
| 7                                     |               | PATNA-BALIA                           | Q/C             | 437             | 856             | 0.0         | 16.9        | -16.9  |
| 8                                     |               | BIHARSHARIFF-BALIA                    | D/C             | 0               | 0               | 3.3         | 0.0         | 3.3  |
|                                       |               | BARH-GORAKHPUR                        | D/C             | 0               | 0               | 0.0         | 13.5        | -13.5  |
| 10                                    | 220 KV        | PUSAULI-SAHUPURI                      | S/C             | 0               | 0               | 0.0         | 0.0         | 0.0  |
| 11                                    | 132 KV        | SONE NAGAR-RIHAND                     | S/C             | 0               | 0               | 0.0         | 0.0         | 0.0  |
| 12                                    |               | GARWAH-RIHAND                         | S/C             | 491             | 491             | 0.3         | 0.0         | 0.3  |
| 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>10.6</b> | <b>43.5</b> | <b>-32.9</b>                                   |
| <b>Import/Export of ER (With WR)</b>  |               |                                       |                 |                 |                 |             |             |  |
| 15                                    | 765 KV        | JHARSUGUDA-DHARAMJAIGARH S/C          | D/C             | 149             | 852             | 0.0         | 14.1        | -14.1  |
| 16                                    |               | NEW RANCHI-DHARAMJAIGARH              | D/C             | 0               | 203             | 0.5         | 0.0         | 0.5  |
| 17                                    | 400 KV        | ROURKELA - RAIGARH ( SEL LILO BYPASS) | S/C             | 0               | 28              | 1.2         | 0.0         | 1.2  |
| 18                                    |               | JHARSUGUDA-RAIGARH                    | S/C             | 0               | 17              | 1.9         | 0.0         | 1.9  |
| 19                                    |               | IBEUL-RAIGARH                         | S/C             | 0               | 7               | 0.7         | 0.0         | 0.7  |
| 20                                    |               | STERLITE-RAIGARH                      | D/C             | 109             | 109             | 0.0         | 2.5         | -2.5   |
| 21                                    |               | RANCHI-SIPAT                          | D/C             | 0               | 1               | 4.2         | 0.0         | 4.2  |
| 22                                    | 220 KV        | BUDHIPADAR-RAIGARH                    | S/C             | 0               | 74              | 0.0         | 0.3         | -0.3   |
| 23                                    |               | BUDHIPADAR-KORBA                      | D/C             | 0               | 0               | 3.0         | 0.0         | 3.0  |
| <b>ER-WR</b>                          |               |                                       |                 |                 |                 | <b>11.4</b> | <b>16.9</b> | <b>-5.5</b>                                    |
| <b>Import/Export of ER (With SR)</b>  |               |                                       |                 |                 |                 |             |             |  |
| 24                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B                  | D/C             | 295.8           | 359             | 0           | 16.4        | -16.4  |
| 25                                    |               | TALCHER-KOLAR BIPOLE                  | D/C             | 1216.4          | 2687            | 0           | 47.1        | -47.1  |
| 26                                    | 400 KV        | TALCHER-1C                            |                 | 0.0             | 500             | 0.5036      | 4.90        | -4.4   |
| 27                                    | 220 KV        | BALIMELA-UPPER-SILERRU                | S/C             | 0               | 0               | 0           | 0           | 0.0  |
| <b>ER-SR</b>                          |               |                                       |                 |                 |                 | <b>0.5</b>  | <b>63.5</b> | <b>-63.5</b>                                   |
| <b>Import/Export of ER (With NER)</b> |               |                                       |                 |                 |                 |             |             |  |
| 27                                    | 400 KV        | BINAGURI-BONGAIGAON                   | Q/C             | 0               | 470             | 0           | 5           | -5   |
| 28                                    | 220 KV        | BIRPARA-SALAKATI                      | D/C             | 0               | 0               | 0           | 0           | 0  |
| <b>ER-NER</b>                         |               |                                       |                 |                 |                 | <b>0.0</b>  | <b>4.9</b>  | <b>-4.9</b>                                    |
| <b>Import/Export of NR (With NER)</b> |               |                                       |                 |                 |                 |             |             |  |
| 29                                    | HVDC          | BISWANATH CHARIAL-AGRA                | -               | 0               | 0               | 0           | 0           | 0.0  |
| <b>NR-NER</b>                         |               |                                       |                 |                 |                 | <b>0.0</b>  | <b>0.0</b>  | <b>0.0</b>                                     |
| <b>Import/Export of WR (With NR)</b>  |               |                                       |                 |                 |                 |             |             |  |
| 30                                    | HVDC          | V'CHAL B/B                            | D/C             | 250             | 250             | 3.0         | 1.0         | 2.0  |
| 31                                    | 765 KV        | GWALIOR-AGRA                          | D/C             | 0               | 3364            | 0.0         | 70.0        | -70.0  |
| 32                                    | 765 KV        | PHAGI-GWALIOR                         | D/C             | 0               | 1250            | 0.0         | 23.4        | -23.4  |
| 33                                    | 400 KV        | ZERDA-KANKROLI                        | S/C             | 201             | 0               | 3.0         | 0.0         | 3.0  |
| 34                                    | 400 KV        | ZERDA -BHINMAL                        | S/C             | 136             | 78              | 1.0         | 0.0         | 1.0  |
| 35                                    | 400KV         | V'CHAL -RIHAND                        | S/C             | 0               | 0               | 0.0         | 0.0         | 0.0  |
| 36                                    | 400KV         | RAPP-SHUJALPUR                        | D/C             | 0               | 0               | 0.0         | 0.0         | 0.0  |
| 37                                    |               | BADOD-KOTA                            | S/C             | 31              | 23              | 0.0         | 0.0         | 0.0  |
| 38                                    |               | BADOD-MORAK                           | S/C             | 2               | 46              | 0.0         | 0.0         | 0.0  |
| 39                                    |               | 220 KV                                | MEHGAON-AURAIYA | S/C             | 71              | 0           | 0.0         | 0.0  |
| 40                                    | 132KV         | MALANPUR-AURAIYA                      | S/C             | 19              | 2               | 0.0         | 0.0         | 0.0  |
| 41                                    |               | GWALIOR-SAWAI MADHOPUR                | S/C             | 0               | 0               | 0.0         | 0.0         | 0.0  |
| <b>WR-NR</b>                          |               |                                       |                 |                 |                 | <b>7.0</b>  | <b>94.4</b> | <b>-87.4</b>                                   |
| 42                                    | HVDC          | APL -MHG                              | D/C             | 0               | 2520            | 0.0         | 60.0        | -60.0  |
| <b>Import/Export of WR (With SR)</b>  |               |                                       |                 |                 |                 |             |             |  |
| 43                                    | HVDC LINK     | BHADRAWATI B/B                        | -               | 0               | 1000            | 0.0         | 22.0        | -22.0  |
| 44                                    |               | BARSUR-L.SILERU                       | -               | 0               | 0               | 0.0         | 0.0         | 0.0  |
| 45                                    | 765 KV        | SOLAPUR-RAICHUR                       | D/C             | 0               | 1850            | 0.0         | 37.0        | -37.0  |
| 46                                    | 400 KV        | KOLHAPUR-KUDGI                        | D/C             | 144             | 0               | 1.9         | 0.0         | 1.9  |
| 47                                    |               | KOLHAPUR-CHIKODI                      | D/C             | 0               | 250             | 0.0         | 6.0         | -6.0   |
| 48                                    |               | 220 KV                                | PONDA-AMBEWADI  | S/C             | 0               | 0           | 0.0         | 0.0  |
| 49                                    |               | XELDEM-AMBEWADI                       | S/C             | 110             | 0               | 2.0         | 0.0         | 2.0  |
| <b>WR-SR</b>                          |               |                                       |                 |                 |                 | <b>3.9</b>  | <b>65.0</b> | <b>-61.1</b>                                   |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                                       |                 |                 |                 |             |             |  |
| 48                                    |               | BHUTAN                                |                 |                 |                 |             |             | 0.5  |
| 49                                    |               | NEPAL                                 |                 |                 |                 |             |             | -6.3   |
| 50                                    |               | BANGLADESH                            |                 |                 |                 |             |             | -11.4  |