



**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: 12<sup>th</sup> July, 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 11.07.2016.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 10.07.16 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 11<sup>th</sup> July 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%202016/12.07.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%202016/12.07.16_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

12-Jul-16

**A. Maximum Demand**

|                                        | NR    | WR    | SR    | ER    | NER   | Total  |
|----------------------------------------|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 46908 | 37502 | 34167 | 18095 | 2363  | 139035 |
| Peak Shortage (MW)                     | 384   | 45    | 0     | 0     | 108   | 537    |
| Energy Met (MU)                        | 1104  | 840   | 806   | 374   | 43    | 3167   |
| Hydro Gen(MU)                          | 328   | 36    | 37    | 67    | 23    | 491    |
| Wind Gen(MU)                           | 15    | 106   | 155   | ----- | ----- | 276    |

**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  | 0.00      | 0.44      | 0.44  | 70.65      | 28.91   |
| SR GRID  | 0.00  | 0.00  | 0.00      | 0.44      | 0.44  | 70.65      | 28.91   |

**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            | 9571                                | 0                                   | 215.5           | 135.8                | -0.8             | 149         |
|               | Haryana           | 9055                                | 0                                   | 183.1           | 138.3                | -2.7             | 226         |
|               | Rajasthan         | 7906                                | 0                                   | 175.7           | 61.4                 | 0.9              | 371         |
|               | Delhi             | 5372                                | 3                                   | 112.1           | 89.7                 | 0.3              | 290         |
|               | UP                | 14513                               | 75                                  | 313.2           | 150.7                | 0.2              | 361         |
|               | Uttarakhand       | 1870                                | 35                                  | 39.3            | 19.6                 | 0.3              | 163         |
|               | HP                | 1282                                | 0                                   | 26.0            | 4.4                  | 0.3              | 163         |
|               | J&K               | 1501                                | 375                                 | 32.5            | 14.1                 | -2.5             | 140         |
| WR            | Chandigarh        | 353                                 | 0                                   | 6.9             | 6.7                  | 0.2              | 51          |
|               | Chhattisgarh      | 3175                                | 0                                   | 72.7            | 24.0                 | -0.8             | 350         |
|               | Gujarat           | 12880                               | 0                                   | 282.7           | 63.5                 | -2.9             | 450         |
|               | MP                | 5915                                | 0                                   | 119.9           | 75.0                 | 0.6              | 401         |
|               | Maharashtra       | 14936                               | 0                                   | 322.7           | 62.7                 | 0.8              | 755         |
|               | Goa               | 456                                 | 0                                   | 9.2             | 7.8                  | 0.8              | 78          |
|               | DD                | 254                                 | 0                                   | 5.6             | 5.5                  | 0.1              | 11          |
|               | DNH               | 721                                 | 0                                   | 16.5            | 16.9                 | -0.4             | -5          |
| SR            | Essar steel       | 550                                 | 0                                   | 11.1            | 10.3                 | 0.9              | 200         |
|               | Andhra Pradesh    | 6385                                | 0                                   | 192.8           | 14.9                 | -4.7             | 728         |
|               | Telangana         | 5659                                | 0                                   | 114.4           | 74.6                 | -1.3             | 419         |
|               | Karnataka         | 7134                                | 0                                   | 139.4           | 48.5                 | -5.0             | 419         |
|               | Kerala            | 3130                                | 0                                   | 58.3            | 40.3                 | 1.5              | 277         |
| ER            | Tamil Nadu        | 13937                               | 0                                   | 294.2           | 110.6                | -1.6             | 402         |
|               | Pondy             | 339                                 | 0                                   | 7.1             | 7.5                  | -0.4             | 10          |
|               | Bihar             | 3380                                | 0                                   | 69.6            | 69.8                 | -2.4             | 200         |
|               | DVC               | 2705                                | 0                                   | 61.5            | -24.0                | 2.4              | 250         |
|               | Jharkhand         | 1102                                | 0                                   | 21.2            | 15.2                 | 0.2              | 100         |
| NER           | Odisha            | 3971                                | 0                                   | 76.0            | 26.6                 | 2.1              | 300         |
|               | West Bengal       | 7576                                | 0                                   | 144.4           | 32.5                 | 3.6              | 320         |
|               | Sikkim            | 88                                  | 0                                   | 1.2             | 1.4                  | -0.2             | 10          |
|               | Arunachal Pradesh | 97                                  | 7                                   | 1.8             | 1.9                  | -0.1             | 27          |
|               | Assam             | 1487                                | 54                                  | 27.8            | 20.5                 | 1.8              | 228         |
| NER           | Manipur           | 136                                 | 2                                   | 1.9             | 2.1                  | -0.1             | 41          |
|               | Meghalaya         | 267                                 | 0                                   | 4.9             | -0.7                 | 0.5              | 113         |
|               | Mizoram           | 72                                  | 1                                   | 1.2             | 1.0                  | 0.1              | 32          |
|               | Nagaland          | 99                                  | 4                                   | 1.2             | 1.7                  | -0.6             | 19          |
|               | Tripura           | 245                                 | 0                                   | 4.1             | 2.8                  | 1.0              | 84          |

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

|               | Bhutan | Nepal  | Bangladesh |
|---------------|--------|--------|------------|
| Actual(MU)    | 34.9   | -5.0   | -12.5      |
| Day peak (MW) | 1436.7 | -211.9 | -545.0     |

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

|              | NR    | WR     | SR   | ER    | NER  | TOTAL |
|--------------|-------|--------|------|-------|------|-------|
| Schedule(MU) | 197.6 | -175.1 | 64.8 | -86.1 | -4.0 | -2.8  |
| Actual(MU)   | 191.0 | -178.7 | 61.0 | -81.0 | -3.2 | -10.9 |
| O/D/U/D(MU)  | -6.6  | -3.6   | -3.8 | 5.1   | 0.8  | -8.1  |

**F. Generation Outage(MW)**

|                | NR    | WR    | SR    | ER   | NER | Total |
|----------------|-------|-------|-------|------|-----|-------|
| Central Sector | 3067  | 14251 | 1220  | 2200 | 0   | 20738 |
| State Sector   | 10820 | 22042 | 10226 | 5289 | 110 | 48487 |
| Total          | 13887 | 36293 | 11446 | 7489 | 110 | 69225 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(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 :                            | 12-Jul-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-VARANASI                         | D/C     | 0               | 371             | 0.0         | 8.2          | -8.2                                           |           |
| 2                                     |               | SASARAM-FATEHPUR                      | S/C     | 229             | 0               | 3.1         | 0.0          | 3.1                                            |           |
| 3                                     |               | GAYA-BALIA                            | S/C     | 0               | 379             | 0.0         | 3.2          | -3.2                                           |           |
| 4                                     | HVDC LINK     | PUSAULI B/B                           | S/C     | 0               | 248             | 0.0         | 6.1          | -6.1                                           |           |
| 5                                     | 400 KV        | PUSAULI-SARNATH                       | S/C     | 0               | 181             | 0.0         | 0.0          | 0.0                                            |           |
| 6                                     |               | PUSAULI-ALLAHABAD                     | D/C     | 0               | 104             | 0.0         | 0.0          | 0.0                                            |           |
| 7                                     |               | MUZAFFARPUR-GORAKHPUR                 | D/C     | 3               | 555             | 0.0         | 9.4          | -9.4                                           |           |
| 8                                     |               | PATNA-BALIA                           | Q/C     | 0               | 840             | 0.0         | 16.9         | -16.9                                          |           |
| 9                                     |               | BIHARSHARIFF-BALIA                    | D/C     | 77              | 173             | 0.0         | 2.5          | -2.5                                           |           |
| 10                                    |               | BARH-GORAKHPUR                        | D/C     | 0               | 514             | 0.0         | 10.7         | -10.7                                          |           |
| 11                                    |               | BIHARSHARIFF-VARANASI                 | D/C     | 0               | 0               | 0.0         | 0.0          | 0.0                                            |           |
| 12                                    | 220 KV        | PUSAULI-SAHUPURI                      | S/C     | 0               | 222             | 0.0         | 4.5          | -4.5                                           |           |
| 13                                    | 132 KV        | SONE NAGAR-RIHAND                     | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0                                            |           |
| 14                                    |               | GARWAH-RIHAND                         | S/C     | 0               | 0               | 0.5         | 0.0          | 0.5                                            |           |
| 15                                    |               | KARMANASA-SAHUPURI                    | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0                                            |           |
| 16                                    |               | KARMANASA-CHANDAULI                   | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0                                            |           |
| <b>ER-NR</b>                          |               |                                       |         |                 |                 | <b>3.6</b>  | <b>61.6</b>  | <b>-58.0</b>                                   |           |
| <b>Import/Export of ER (With WR)</b>  |               |                                       |         |                 |                 |             |              |                                                |           |
| 17                                    | 765 KV        | JHARSUGUDA-DHARAMJAIGARH S/C          | D/C     | 138             | 623             | 0.0         | 8.2          | -8.2                                           |           |
| 18                                    |               | NEW RANCHI-DHARAMJAIGARH              | D/C     | 487             | 91              | 6.3         | 0.0          | 6.3                                            |           |
| 19                                    | 400 KV        | ROURKELA - RAIGARH ( SEL LILO BYPASS) | S/C     | 200             | 0               | 0.0         | 2.5          | -2.5                                           |           |
| 20                                    |               | JHARSUGUDA-RAIGARH                    | S/C     | 203             | 0               | 2.8         | 0.0          | 2.8                                            |           |
| 21                                    |               | IBEUL-RAIGARH                         | S/C     | 143             | 0               | 1.9         | 0.0          | 1.9                                            |           |
| 22                                    |               | STERLITE-RAIGARH                      | D/C     | 30              | 0               | 0.0         | 2.2          | -2.2                                           |           |
| 23                                    |               | RANCHI-SIPAT                          | D/C     | 270             | 1               | 3.2         | 0.0          | 3.2                                            |           |
| 24                                    | 220 KV        | BUDHIPADAR-RAIGARH                    | S/C     | 0               | 158             | 0.0         | 2.5          | -2.5                                           |           |
| 25                                    |               | BUDHIPADAR-KORBA                      | D/C     | 23              | 97              | 0.0         | 0.8          | -0.8                                           |           |
| <b>ER-WR</b>                          |               |                                       |         |                 |                 | <b>14.2</b> | <b>16.4</b>  | <b>-2.2</b>                                    |           |
| <b>Import/Export of ER (With SR)</b>  |               |                                       |         |                 |                 |             |              |                                                |           |
| 26                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B                  | D/C     | 0.0             | 307             | 0.0         | 9.8          | -9.8                                           |           |
| 27                                    | 400 KV        | TALCHER-KOLAR BIPOLE                  | D/C     | 0.0             | 2009            | 0.0         | 30.9         | -30.9                                          |           |
| 28                                    |               | TALCHER-I/C                           |         | 96.1            | 744             | 0.0         | 9.0          | -9.0                                           |           |
| 29                                    | 220 KV        | BALIMELA-UPPER-SILERRU                | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0                                            |           |
| <b>ER-SR</b>                          |               |                                       |         |                 |                 | <b>0.0</b>  | <b>40.6</b>  | <b>-40.6</b>                                   |           |
| <b>Import/Export of ER (With NER)</b> |               |                                       |         |                 |                 |             |              |                                                |           |
| 30                                    | 400 KV        | BINAGURI-BONGAIGAON                   | Q/C     | 175             | 599             | 0.0         | 4.5          | -5                                             |           |
| 31                                    | 220 KV        | BIRPARA-SALAKATI                      | D/C     | 0               | 0               | 0.0         | 2.3          | -2                                             |           |
| <b>ER-NER</b>                         |               |                                       |         |                 |                 | <b>0.0</b>  | <b>6.8</b>   | <b>-6.8</b>                                    |           |
| <b>Import/Export of NR (With NER)</b> |               |                                       |         |                 |                 |             |              |                                                |           |
| 32                                    | HVDC          | BISWANATH CHARIALI-AGRA               | -       | 485             | 0               | 11.8        | 0.0          | 11.8                                           |           |
| <b>NR-NER</b>                         |               |                                       |         |                 |                 | <b>11.8</b> | <b>0.0</b>   | <b>11.8</b>                                    |           |
| <b>Import/Export of WR (With NR)</b>  |               |                                       |         |                 |                 |             |              |                                                |           |
| 33                                    | HVDC          | VCHAL B/B                             | D/C     | 200             | 50              | 2.6         | 0.3          | 2.2                                            |           |
| 34                                    | HVDC          | APL -MHG                              | D/C     | 0               | 2215            | 0.0         | 38.7         | -38.7                                          |           |
| 35                                    | 765 KV        | GWALIOR-AGRA                          | D/C     | 0               | 3078            | 0.0         | 58.1         | -58.1                                          |           |
| 36                                    | 765 KV        | PHAGI-GWALIOR                         | D/C     | 0               | 1426            | 0.0         | 27.0         | -27.0                                          |           |
| 37                                    | 400 KV        | ZERDA-KANKROLI                        | S/C     | 163             | 81              | 1.1         | 0.0          | 1.1                                            |           |
| 38                                    | 400 KV        | ZERDA -BHINMAL                        | S/C     | 117             | 161             | 0.0         | 0.1          | -0.1                                           |           |
| 39                                    | 400 KV        | VCHAL -RIHAND                         | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0                                            |           |
| 40                                    | 400KV         | RAPP-SHUJALPUR                        | D/C     | 0               | 0               | 0.0         | 0.0          | 0.0                                            |           |
| 41                                    | 220 KV        | BADOD-KOTA                            | S/C     | 10              | 72              | 0.0         | 0.8          | -0.7                                           |           |
| 42                                    |               | BADOD-MORAK                           | S/C     | 0               | 74              | 0.0         | 1.1          | -1.1                                           |           |
| 43                                    |               | MEHGAON-AURAIYA                       | S/C     | 50              | 5               | 0.0         | 0.0          | 0.0                                            |           |
| 44                                    |               | MALANPUR-AURAIYA                      | S/C     | 26              | 22              | 0.1         | 0.2          | -0.1                                           |           |
| 45                                    | 132KV         | GWALIOR-SAWAI MADHOPUR                | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0                                            |           |
| <b>WR-NR</b>                          |               |                                       |         |                 |                 | <b>3.8</b>  | <b>126.3</b> | <b>-122.5</b>                                  |           |
| <b>Import/Export of WR (With SR)</b>  |               |                                       |         |                 |                 |             |              |                                                |           |
| 46                                    | HVDC LINK     | BHADRAWATI B/B                        | -       | 0               | 1000            | 0.0         | 19.8         | -19.8                                          |           |
| 47                                    | 765 KV        | BARSUR-L.SILERU                       | -       | 0               | 0               | 0.0         | 0.0          | 0.0                                            |           |
| 48                                    |               | SOLAPUR-RAICHUR                       | D/C     | 7               | 1810            | 7.0         | 25.5         | -18.5                                          |           |
| 49                                    | 400 KV        | KOLHAPUR-KUDGI                        | D/C     | 154             | 243             | 0.7         | 0.9          | -0.2                                           |           |
| 50                                    | 220 KV        | KOLHAPUR-CHIKODI                      | D/C     | 0               | 184             | 0.0         | 3.8          | -3.8                                           |           |
| 51                                    |               | PONDA-AMBEWADI                        | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0                                            |           |
| 52                                    |               | XELDEM-AMBEWADI                       | S/C     | 86              | 0               | 1.3         | 0.0          | 1.3                                            |           |
| <b>WR-SR</b>                          |               |                                       |         |                 |                 | <b>9.0</b>  | <b>50.1</b>  | <b>-41.1</b>                                   |           |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                                       |         |                 |                 |             |              |                                                |           |
| 54                                    |               | BHUTAN                                |         |                 |                 |             |              | <b>34.9</b>                                    |           |
| 55                                    |               | NEPAL                                 |         |                 |                 |             |              | <b>-5.0</b>                                    |           |
| 56                                    |               | BANGLADESH                            |         |                 |                 |             |              | <b>-12.5</b>                                   |           |