



**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: 17<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 16.07.2016.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 16.07.16 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 16<sup>th</sup> July 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%202016/17.07.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%202016/17.07.16_NLDC_PSP.pdf)

Thanking You.

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

Report for previous day

Date of Reporting

17-Jul-16

A. Maximum Demand

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 41402 | 36713 | 34955 | 17644 | 2304  | 133018 |
| Peak Shortage (MW)                     | 493   | 0     | 0     | 450   | 168   | 1111   |
| Energy Met (MU)                        | 965   | 849   | 826   | 365   | 44    | 3049   |
| Hydro Gen(MU)                          | 289   | 74    | 51    | 61    | 25    | 499    |
| Wind Gen(MU)                           | 40    | 66    | 58    | ----- | ----- | 163    |

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      | 1.79      | 1.79  | 73.18      | 18.95   |
| SR GRID  | 0.00  | 0.00  | 0.00      | 1.79      | 1.79  | 73.18      | 18.95   |

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            | 8588                                | 0                                   | 196.4           | 125.0                | 0.0              | 276         |
|               | Haryana           | 7865                                | 0                                   | 151.4           | 134.9                | -6.1             | 160         |
|               | Rajasthan         | 7021                                | 0                                   | 152.0           | 41.3                 | -1.0             | 286         |
|               | Delhi             | 4910                                | 0                                   | 93.9            | 79.1                 | -1.3             | 239         |
|               | UP                | 13919                               | 0                                   | 268.1           | 121.6                | -0.5             | 464         |
|               | Uttarakhand       | 1616                                | 0                                   | 35.4            | 26.9                 | 2.8              | 401         |
|               | HP                | 1297                                | 7                                   | 27.2            | 3.3                  | 2.7              | 377         |
|               | J&K               | 1811                                | 453                                 | 35.3            | 12.5                 | 0.4              | 250         |
| WR            | Chandigarh        | 263                                 | 0                                   | 5.7             | 6.0                  | -0.3             | 13          |
|               | Chhattisgarh      | 3233                                | 0                                   | 74.6            | 18.4                 | -1.9             | 122         |
|               | Gujarat           | 11652                               | 0                                   | 263.6           | 48.5                 | -2.2             | 330         |
|               | MP                | 5844                                | 0                                   | 120.1           | 61.8                 | -3.9             | 322         |
|               | Maharashtra       | 15563                               | 0                                   | 348.8           | 105.2                | 7.1              | 875         |
|               | Goa               | 424                                 | 0                                   | 8.9             | 6.8                  | 1.5              | 102         |
|               | DD                | 302                                 | 0                                   | 6.7             | 6.2                  | 0.5              | 45          |
|               | DNH               | 715                                 | 0                                   | 16.4            | 16.7                 | -0.3             | 13          |
| SR            | Essar steel       | 488                                 | 0                                   | 9.7             | 9.1                  | 0.6              | 150         |
|               | Andhra Pradesh    | 6818                                | 0                                   | 155.3           | 32.8                 | 3.0              | 420         |
|               | Telangana         | 6314                                | 0                                   | 138.1           | 79.3                 | 0.3              | 422         |
|               | Karnataka         | 7912                                | 0                                   | 167.1           | 64.8                 | 2.8              | 542         |
|               | Kerala            | 3252                                | 0                                   | 60.8            | 43.0                 | 1.3              | 217         |
| ER            | Tamil Nadu        | 13493                               | 0                                   | 297.0           | 134.3                | 2.6              | 713         |
|               | Pondy             | 339                                 | 0                                   | 7.5             | 7.6                  | 0.0              | 30          |
|               | Bihar             | 3075                                | 0                                   | 64.0            | 61.0                 | 0.8              | 410         |
|               | DVC               | 2664                                | 0                                   | 61.5            | -33.7                | 0.5              | 430         |
|               | Jharkhand         | 991                                 | 0                                   | 19.0            | 17.7                 | 0.2              | 250         |
| NER           | Odisha            | 3904                                | 0                                   | 75.2            | 25.9                 | 0.8              | 380         |
|               | West Bengal       | 7408                                | 0                                   | 144.4           | 38.5                 | 1.4              | 435         |
|               | Sikkim            | 79                                  | 0                                   | 1.0             | 1.3                  | -0.3             | 26          |
|               | Arunachal Pradesh | 96                                  | 4                                   | 2.0             | 2.8                  | -0.9             | 13          |
|               | Assam             | 1466                                | 133                                 | 28.9            | 22.7                 | 2.0              | 290         |
| NER           | Manipur           | 133                                 | 1                                   | 2.1             | 2.3                  | -0.2             | 14          |
|               | Meghalaya         | 236                                 | 0                                   | 4.7             | 0.2                  | 0.5              | 88          |
|               | Mizoram           | 72                                  | 4                                   | 1.3             | 1.3                  | -0.1             | 9           |
|               | Nagaland          | 98                                  | 3                                   | 1.9             | 1.8                  | 0.0              | 21          |
|               | Tripura           | 224                                 | 1                                   | 3.6             | 3.3                  | 0.0              | 78          |

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

|               | Bhutan | Nepal  | Bangladesh |
|---------------|--------|--------|------------|
| Actual(MU)    | 30.0   | -2.4   | -12.3      |
| Day peak (MW) | 1451.8 | -104.9 | -549.0     |

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

|              | NR    | WR     | SR   | ER    | NER  | TOTAL |
|--------------|-------|--------|------|-------|------|-------|
| Schedule(MU) | 165.8 | -153.4 | 76.5 | -92.8 | -4.0 | -7.9  |
| Actual(MU)   | 167.7 | -148.8 | 79.9 | -90.8 | -6.9 | 1.1   |
| O/D/U/D(MU)  | 1.9   | 4.6    | 3.4  | 2.0   | -2.9 | 9.0   |

F. Generation Outage(MW)

|                | NR    | WR    | SR    | ER   | NER | Total |
|----------------|-------|-------|-------|------|-----|-------|
| Central Sector | 3455  | 17233 | 1180  | 2710 | 69  | 24647 |
| State Sector   | 13930 | 21054 | 9197  | 5569 | 110 | 49860 |
| Total          | 17385 | 38287 | 10377 | 8279 | 178 | 74507 |

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 : 17-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               | 382             | 0.0         | 12.1         | -12.1  |
| 2                                     |                     | SASARAM-FATEHPUR                      | S/C     | 225             | 0               | 3.5         | 0.0          | 3.5  |
| 3                                     |                     | GAYA-BALIA                            | S/C     | 0               | 350             | 0.0         | 5.8          | -5.8   |
| 4                                     | HVDC LINK           | PUSAULI B/B                           | S/C     | 0               | 198             | 0.0         | 4.7          | -4.7   |
| 5                                     | 400 KV              | PUSAULI-SARNATH                       | S/C     | 0               | 172             | 0.0         | 0.0          | 0.0  |
| 6                                     |                     | PUSAULI-ALLAHABAD                     | D/C     | 0               | 63              | 0.0         | 0.0          | 0.0  |
| 7                                     |                     | MUZAFFARPUR-GORAKHPUR                 | D/C     | 3               | 566             | 0.0         | 9.2          | -9.2   |
| 8                                     |                     | PATNA-BALIA                           | Q/C     | 0               | 1026            | 0.0         | 19.5         | -19.5  |
| 9                                     |                     | BIHARSHARIFF-BALIA                    | D/C     | 91              | 102             | 0.0         | 1.8          | -1.8   |
| 10                                    |                     | BARH-GORAKHPUR                        | D/C     | 0               | 561             | 0.0         | 9.6          | -9.6   |
| 11                                    | 220 KV              | BIHARSHARIFF-VARANASI                 | D/C     | 32              | 0               | 0.0         | 0.0          | 0.0  |
| 12                                    |                     | PUSAULI-SAHUPURI                      | S/C     | 0               | 243             | 0.0         | 4.9          | -4.9   |
| 13                                    |                     | SONE NAGAR-RIHAND                     | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |
| 14                                    |                     | GARWAH-RIHAND                         | S/C     | 0               | 0               | 0.4         | 0.0          | 0.4  |
| 15                                    |                     | KARMANASA-SAHUPURI                    | S/C     | 0               | 0               | 0.8         | 0.0          | 0.8  |
| 16                                    | KARMANASA-CHANDAULI | S/C                                   | 0       | 0               | 0.0             | 0.0         | 0.0          |  |
| <b>ER-NR</b>                          |                     |                                       |         |                 |                 | <b>4.7</b>  | <b>67.6</b>  | <b>-62.9</b>                                   |
| <b>Import/Export of ER (With WR)</b>  |                     |                                       |         |                 |                 |             |              |  |
| 17                                    | 765 KV              | JHARSUGUDA-DHARAMJAIGARH S/C          | D/C     | 0               | 885             | 0.0         | 13.0         | -13.0  |
| 18                                    |                     | NEW RANCHI-DHARAMJAIGARH              | D/C     | 319             | 234             | 2.0         | 0.0          | 2.0  |
| 19                                    | 400 KV              | ROURKELA - RAIGARH ( SEL LILO BYPASS) | S/C     | 114             | 35              | 0.7         | 0.0          | 0.7  |
| 20                                    |                     | JHARSUGUDA-RAIGARH                    | S/C     | 116             | 37              | 0.7         | 0.0          | 0.7  |
| 21                                    |                     | IBEUL-RAIGARH                         | S/C     | 0               | 147             | 2.3         | 0.0          | 2.3  |
| 22                                    |                     | STERLITE-RAIGARH                      | D/C     | 30              | 0               | 0.7         | 0.0          | 0.7  |
| 23                                    | 220 KV              | RANCHI-SIPAT                          | D/C     | 168             | 57              | 1.6         | 0.0          | 1.6  |
| 24                                    |                     | BUDHIPADAR-RAIGARH                    | S/C     | 0               | 164             | 0.0         | 2.7          | -2.7   |
| 25                                    |                     | BUDHIPADAR-KORBA                      | D/C     | 37              | 76              | 0.0         | 0.6          | -0.6   |
| <b>ER-WR</b>                          |                     |                                       |         |                 |                 | <b>8.0</b>  | <b>16.4</b>  | <b>-8.4</b>                                    |
| <b>Import/Export of ER (With SR)</b>  |                     |                                       |         |                 |                 |             |              |  |
| 26                                    | HVDC LINK           | JEYPORE-GAZUWAKA B/B                  | D/C     | 0.0             | 332             | 0.0         | 15.3         | -15.3  |
| 27                                    | 400 KV              | TALCHER-KOLAR BIPOLE                  | D/C     | 0.0             | 1974            | 0.0         | 42.1         | -42.1  |
| 28                                    |                     | TALCHER-I/C                           |         |                 | 160.7           | 493         | 0.0          | 5.2  |
| 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>57.4</b>  | <b>-57.4</b>                                   |
| <b>Import/Export of ER (With NER)</b> |                     |                                       |         |                 |                 |             |              |  |
| 30                                    | 400 KV              | BINAGURI-BONGAIGAON                   | Q/C     | 179             | 436             | 0.0         | 2.6          | -3   |
| 31                                    | 220 KV              | BIRPARA-SALAKATI                      | D/C     | 0               | 0               | 0.0         | 0.7          | -1   |
| <b>ER-NER</b>                         |                     |                                       |         |                 |                 | <b>0.0</b>  | <b>3.3</b>   | <b>-3.3</b>                                    |
| <b>Import/Export of NR (With NER)</b> |                     |                                       |         |                 |                 |             |              |  |
| 32                                    | HVDC                | BISWANATH CHARIALI-AGRA               | -       | 500             | 0               | 11.4        | 0.0          | 11.4   |
| <b>NR-NER</b>                         |                     |                                       |         |                 |                 | <b>11.4</b> | <b>0.0</b>   | <b>11.4</b>                                    |
| <b>Import/Export of WR (With NR)</b>  |                     |                                       |         |                 |                 |             |              |  |
| 33                                    | HVDC                | VCHAL B/B                             | D/C     | 250             | 0               | 5.9         | 0.0          | 5.9  |
| 34                                    | HVDC                | APL -MHG                              | D/C     | 0               | 2217            | 0.0         | 39.9         | -39.9  |
| 35                                    | 765 KV              | GWALIOR-AGRA                          | D/C     | 0               | 2342            | 0.0         | 43.1         | -43.1  |
| 36                                    | 765 KV              | PHAGI-GWALIOR                         | D/C     | 0               | 1054            | 0.0         | 18.7         | -18.7  |
| 37                                    | 400 KV              | ZERDA-KANKROLI                        | S/C     | 304             | 0               | 4.0         | 0.0          | 4.0  |
| 38                                    | 400 KV              | ZERDA -BHINMAL                        | S/C     | 268             | 0               | 3.7         | 0.0          | 3.7  |
| 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              | 64              | 0.0         | 0.6          | -0.5   |
| 42                                    |                     | BADOD-MORAK                           | S/C     | 0               | 78              | 0.0         | 1.2          | -1.2   |
| 43                                    |                     | MEHGAON-AURAIYA                       | S/C     | 53              | 0               | 0.6         | 0.0          | 0.6  |
| 44                                    |                     | MALANPUR-AURAIYA                      | S/C     | 35              | 7               | 0.2         | 0.0          | 0.2  |
| 45                                    | 132KV               | GWALIOR-SAWAI MADHOPUR                | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |
| <b>WR-NR</b>                          |                     |                                       |         |                 |                 | <b>14.4</b> | <b>103.6</b> | <b>-89.2</b>                                   |
| <b>Import/Export of WR (With SR)</b>  |                     |                                       |         |                 |                 |             |              |  |
| 46                                    | HVDC LINK           | BHADRAWATI B/B                        | -       | 0               | 1000            | 0.0         | 21.8         | -21.8  |
| 47                                    | 765 KV              | BARSUR-L.SILERU                       | -       | 0               | 0               | 0.0         | 0.0          | 0.0  |
| 48                                    |                     | SOLAPUR-RAICHUR                       | D/C     | 0               | 2484            | 0.0         | 44.3         | -44.3  |
| 49                                    | 400 KV              | KOLHAPUR-KUDGI                        | D/C     | 45              | 261             | 0.0         | 0.0          | 0.0  |
| 50                                    | 220 KV              | KOLHAPUR-CHIKODI                      | D/C     | 0               | 175             | 0.0         | 3.9          | -3.9   |
| 51                                    |                     | PONDA-AMBEWADI                        | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |
| 52                                    |                     | XELDEM-AMBEWADI                       | S/C     | 86              | 0               | 1.7         | 0.0          | 1.7  |
| <b>WR-SR</b>                          |                     |                                       |         |                 |                 | <b>1.7</b>  | <b>70.0</b>  | <b>-68.2</b>                                   |
| <b>TRANSNATIONAL EXCHANGE</b>         |                     |                                       |         |                 |                 |             |              |  |
| 54                                    |                     | BHUTAN                                |         |                 |                 |             |              | <b>30.0</b>                                    |
| 55                                    |                     | NEPAL                                 |         |                 |                 |             |              | <b>-2.4</b>                                    |
| 56                                    |                     | BANGLADESH                            |         |                 |                 |             |              | <b>-12.3</b>                                   |