



**National Load Despatch Centre**  
**पाँवर सिस्टम ऑपरेशन कारपोरेशनलिमिटेड**  
**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: 27<sup>th</sup> July, 2015

To,

1. महाप्रबंधक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड , कोलकाता - 700033  
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
2. महाप्रबंधक, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली – 110016  
General Manager, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
3. महाप्रबंधक, प. क्षे. भा. प्रे. के., एफ-3, एम आई डी सी क्षेत्र , अंधेरी, मुंबई – 400093  
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतेह, 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 26.07.2015.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, दिनांक 26 जुलाई 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 26<sup>th</sup> July 2015, is available at the NLDC website.

[http://posoco.in/attachments/article/94/27.07.15\\_NLDC\\_PSP.pdf](http://posoco.in/attachments/article/94/27.07.15_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

27-Jul-15

**A. Maximum Demand**

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 40933 | 34307 | 32323 | 14597 | 2031  | 124191 |
| Peak Shortage (MW)                     | 1867  | 200   | 300   | 437   | 282   | 3086   |
| Energy Met (MU)                        | 950   | 812   | 762   | 314   | 41    | 2878   |
| Hydro Gen(MU)                          | 350   | 27    | 57    | 64    | 20    | 519    |
| Wind Gen(MU)                           | 7     | 101   | 94    | ----- | ----- | 202    |

**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  | 0.08      | 2.48      | 2.56  | 54.04      | 43.40   |
| SR GRID  | 0.00  | 0.00  | 0.08      | 2.48      | 2.56  | 54.04      | 43.40   |

**C. Power Supply Position in States**

| 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            | 9124                                | 0                                   | 205.7           | 121.9                | -1.5             | 231         |
|        | Haryana           | 7442                                | 0                                   | 156.2           | 116.9                | -1.7             | 216         |
|        | Rajasthan         | 6096                                | 0                                   | 128.1           | 45.3                 | -1.3             | 170         |
|        | Delhi             | 4864                                | 0                                   | 94.4            | 82.1                 | -0.7             | 225         |
|        | UP                | 12355                               | 3875                                | 273.4           | 139.4                | 0.2              | 447         |
|        | Uttarakhand       | 1749                                | 35                                  | 35.5            | 13.8                 | 0.1              | 209         |
|        | HP                | 1080                                | 0                                   | 22.4            | -1.0                 | 0.9              | 149         |
|        | J&K               | 1751                                | 438                                 | 28.5            | 18.0                 | -4.1             | 92          |
| WR     | Chandigarh        | 271                                 | 0                                   | 5.3             | 5.6                  | 0.3              | 4           |
|        | Chhattisgarh      | 3208                                | 96                                  | 75.0            | 28.2                 | 2.4              | 335         |
|        | Gujarat           | 9370                                | 0                                   | 235.2           | 11.7                 | -2.3             | 185         |
|        | MP                | 5829                                | 0                                   | 115.2           | 61.2                 | -1.1             | 532         |
|        | Maharashtra       | 15835                               | 52                                  | 350.2           | 87.3                 | -5.8             | 597         |
|        | Goa               | 325                                 | 0                                   | 7.1             | 6.0                  | 0.7              | 56          |
|        | DD                | 279                                 | 0                                   | 6.3             | 6.0                  | 0.3              | 49          |
|        | DNH               | 664                                 | 0                                   | 15.4            | 15.7                 | -0.3             | 26          |
|        | Essar steel       | 441                                 | 0                                   | 7.2             | 7.2                  | 0.0              | 111         |
|        | Andhra Pradesh    | 6186                                | 0                                   | 143.5           | 32.2                 | 3.1              | 416         |
| SR     | Telangana         | 5896                                | 0                                   | 135.0           | 84.9                 | 1.5              | 440         |
|        | Karnataka         | 7783                                | 400                                 | 159.9           | 31.4                 | 2.6              | 477         |
|        | Kerala            | 2979                                | 0                                   | 53.8            | 31.1                 | 2.0              | 259         |
|        | Tamil Nadu        | 11727                               | 0                                   | 263.2           | 91.7                 | 1.8              | 504         |
|        | Pondy             | 286                                 | 0                                   | 6.1             | 6.2                  | -0.1             | 39          |
|        | Bihar             | 2881                                | 0                                   | 62.4            | 59.3                 | 1.0              | 20          |
| ER     | DVC               | 2439                                | 0                                   | 58.5            | -14.4                | -2.1             | 100         |
|        | Jharkhand         | 997                                 | 0                                   | 20.5            | 13.3                 | -1.1             | 100         |
|        | Odisha            | 3303                                | 0                                   | 62.0            | 17.5                 | -3.9             | 300         |
|        | West Bengal       | 5598                                | 0                                   | 110.0           | 40.6                 | -5.2             | 150         |
|        | Sikkim            | 71                                  | 0                                   | 0.8             | 0.9                  | -0.2             | 20          |
| NER    | Arunachal Pradesh | 60                                  | 25                                  | 1.4             | 1.5                  | -0.1             | 2           |
|        | Assam             | 1273                                | 147                                 | 27.0            | 19.7                 | 3.0              | 208         |
|        | Manipur           | 125                                 | 4                                   | 1.9             | 2.2                  | -0.3             | 47          |
|        | Meghalaya         | 269                                 | 1                                   | 4.3             | 1.4                  | -0.4             | 98          |
|        | Mizoram           | 74                                  | 1                                   | 1.2             | 1.1                  | 0.0              | 24          |
|        | Nagaland          | 116                                 | 2                                   | 2.2             | 1.8                  | 0.3              | 33          |
|        | Tripura           | 201                                 | 1                                   | 3.3             | 1.3                  | 0.1              | 23          |

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

|            | Bhutan | Nepal  | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 33.3   | -4.2   | -10.0      |
| Max MW     |        | -159.4 | -436.0     |

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

|              | NR    | WR     | SR   | ER    | NER  | TOTAL |
|--------------|-------|--------|------|-------|------|-------|
| Schedule(MU) | 123.5 | -103.5 | 50.5 | -68.3 | -0.4 | 1.8   |
| Actual(MU)   | 124.3 | -115.1 | 56.7 | -72.3 | -0.9 | -7.4  |
| O/D/U/D(MU)  | 0.8   | -11.7  | 6.2  | -4.0  | -0.5 | -9.1  |

**F. Generation Outage(MW)**

|                | NR    | WR    | SR   | ER   | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 4802  | 14665 | 3880 | 2070 | 55  | 25472 |
| State Sector   | 9215  | 16154 | 2890 | 5929 | 110 | 34298 |
| Total          | 14017 | 30819 | 6710 | 7999 | 165 | 59710 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्रा०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

| <b>INTER-REGIONAL EXCHANGES</b>       |               |                                       |         |                 |                 | Date of Reporting : 27-Jul-15 |              |              |
|---------------------------------------|---------------|---------------------------------------|---------|-----------------|-----------------|-------------------------------|--------------|--------------|
|                                       |               |                                       |         |                 |                 | Import=(+ve) /Export =(-ve)   |              |              |
| 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               | -346            | 0.0                           | -4.1         | -4.1         |
|                                       |               | GAYA-BALIA                            | S/C     | 0               | 0               | 0.0                           | -0.5         | -0.5         |
| 2                                     |               | SASARAM-FATEHPUR                      | S/C     | 0               | 0               | 0.0                           | -1.3         | -1.3         |
| 3                                     | HVDC LINK     | PUSAULI B/B                           | S/C     | 0               | 0               | 0                             | -9           | -9           |
| 4                                     | 400 KV        | PUSAULI-SARNATH                       | S/C     | 0               | -255            | 0                             | 0            | 0            |
| 5                                     |               | PUSAULI -ALLAHABAD                    | D/C     | 0               | -202            | 0                             | 0            | 0            |
| 6                                     |               | MUZAFFARPUR-GORAKHPUR                 | D/C     | 0               | -540            | 0                             | -9           | -9           |
| 7                                     |               | PATNA-BALIA                           | Q/C     | 0               | -144            | 0                             | -5           | -5           |
| 8                                     |               | BIHARSHARIFF-BALIA                    | D/C     | 0               | -189            | 0                             | -3           | -3           |
|                                       |               | BARH-GORAKHPUR                        | D/C     | 0               | 0               | 0                             | -5           | -5           |
| 10                                    | 220 KV        | PUSAULI-SAHUPURI                      | S/C     | 0               | -235            | 0.0                           | -4.4         | -4.4         |
| 11                                    | 132 KV        | SONE NAGAR-RIHAND                     | S/C     | 0               | 0               | 0.3                           | 0.0          | 0.3          |
| 12                                    |               | GARWAH-RIHAND                         | S/C     | 41              | 0               | 0.0                           | 0.0          | 0.0          |
| 13                                    |               | KARMANASA-SAHUPURI                    | S/C     | 0               | -1              | 0.0                           | 0.0          | 0.0          |
| 14                                    |               | KARMANASA-CHANDAULI                   | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| <b>ER-NR</b>                          |               |                                       |         |                 |                 | <b>0.3</b>                    | <b>-42.0</b> | <b>-41.7</b> |
| <b>Import/Export of ER (With WR)</b>  |               |                                       |         |                 |                 |                               |              |              |
| 15                                    | 765 KV        | JHARSUGUDA-DHARAMJAIGARH S/C          | D/C     | -74             | 148             | 0.0                           | -0.5         | 0.1          |
| 16                                    |               | NEW RANCHI-DHARAMJAIGARH              | S/C     | -76             | 157             | 0.0                           | -0.5         | 1.1          |
| 17                                    | 400 KV        | ROURKELA - RAIGARH ( SEL LILO BYPASS) | S/C     | 0               | 0               | 0.0                           | -0.5         | -0.5         |
| 18                                    |               | JHARSUGUDA-RAIGARH                    | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| 19                                    |               | IBEUL-RAIGARH                         | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| 20                                    |               | STERLITE-RAIGARH                      | D/C     | 0               | 0               | 0.0                           | -5.9         | -5.9         |
| 21                                    |               | RANCHI-SIPAT                          | D/C     | 1               | 0               | 0.0                           | -0.1         | -0.1         |
| 22                                    | 220 KV        | BUDHIPADAR-RAIGARH                    | S/C     | 148             | -59             | 0.0                           | -0.8         | -0.8         |
| 23                                    |               | BUDHIPADAR-KORBA                      | D/C     | 0               | -165            | 0.0                           | -2.4         | -2.4         |
| <b>ER-WR</b>                          |               |                                       |         |                 |                 | <b>0.0</b>                    | <b>-10.7</b> | <b>-8.5</b>  |
| <b>Import/Export of ER (With SR)</b>  |               |                                       |         |                 |                 |                               |              |              |
| 24                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B                  | D/C     | 0               | -743            | 0                             | -17.4        | -17.4        |
| 25                                    |               | TALCHER-KOLAR BIPOLE                  | D/C     | 0               | -2460           | 0                             | -48.1        | -48.1        |
| 26                                    | 400 KV        | TALCHER-I/C                           |         | 0               | 0               | 0                             | 0            | 0            |
| 27                                    | 220 KV        | BALIMELA-UPPER-SILERRU                | S/C     | 0               | 0               | 0                             | 0            | 0            |
| <b>ER-SR</b>                          |               |                                       |         |                 |                 | <b>0.0</b>                    | <b>-65.4</b> | <b>-65.4</b> |
| <b>Import/Export of ER (With NER)</b> |               |                                       |         |                 |                 |                               |              |              |
| 27                                    | 400 KV        | BINAGURI-BONGAIGAON                   | Q/C     | 170             | -27             | 4                             | 0            | 4            |
| 28                                    | 220 KV        | BIRPARA-SALAKATI                      | D/C     | 28              | -122            | 0                             | -2           | -2           |
| <b>ER-NER</b>                         |               |                                       |         |                 |                 | <b>3.6</b>                    | <b>-1.7</b>  | <b>1.9</b>   |
| <b>Import/Export of WR (With NR)</b>  |               |                                       |         |                 |                 |                               |              |              |
| 29                                    | HVDC          | V'CHAL B/B                            | D/C     | 400             | -250            | 5.9                           | -0.626       | 5.3          |
| 30                                    | 765 KV        | GWALIOR-AGRA                          | D/C     | 0               | -1241           | 0.0                           | -37.7628     | -37.8        |
| 31                                    | 400 KV        | ZERDA-KANKROLI                        | S/C     | 263             | -88             | 2.9                           | 0.0          | 2.9          |
| 32                                    | 400 KV        | ZERDA -BHINMAL                        | S/C     | 319             | -58             | 3.5                           | 0.0          | 3.5          |
| 33                                    | 400 KV        | V'CHAL -RIHAND                        | S/C     | 0               | -435            | 0.0                           | -7.695       | -7.7         |
| 34                                    | 220 KV        | BADOD-KOTA                            | S/C     | 73              | -62             | 0.3                           | -0.3         | 0.0          |
| 35                                    |               | BADOD-MORAK                           | S/C     | 0               | -39             | 0.0                           | -0.5         | -0.5         |
| 36                                    |               | MEHGAON-AURAIYA                       | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| 37                                    |               | MALANPUR-AURAIYA                      | S/C     | 38              | -20             | 0.2                           | -0.2         | 0.0          |
| 38                                    | 132KV         | GWALIOR-SAWAI MADHOPUR                | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| <b>WR-NR</b>                          |               |                                       |         |                 |                 | <b>12.7</b>                   | <b>-1.0</b>  | <b>-34.4</b> |
| 39                                    | HVDC          | APL-MHG                               | D/C     | 0               | -2519           | 0.0                           | -49.0        | -49.0        |
| <b>Import/Export of WR (With SR)</b>  |               |                                       |         |                 |                 |                               |              |              |
| 40                                    | HVDC LINK     | BHADRAWATI B/B                        | -       | 0               | -1000           | 0.0                           | -23.745      | -23.7        |
| 41                                    |               | BARSUR-L.SILERU                       | -       | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| 42                                    | 765 KV        | SOLAPUR-RAICHUR                       | D/C     | 0               | -844            | 0.0                           | -11.9        | -11.9        |
| 43                                    | 220 KV        | KOLHAPUR-CHIKODI                      | D/C     | 0               | -151            | 0.0                           | -2.6         | -2.6         |
| 44                                    |               | PONDA-AMBEWADI                        | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| 45                                    |               | XELDEM-AMBEWADI                       | S/C     | 95              | 0               | 1.7                           | 0.0          | 1.7          |
| <b>WR-SR</b>                          |               |                                       |         |                 |                 | <b>1.7</b>                    | <b>-14.5</b> | <b>-36.5</b> |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                                       |         |                 |                 |                               |              |              |
| 46                                    |               | BHUTAN                                |         |                 |                 |                               |              | 33.3         |
| 47                                    |               | NEPAL                                 |         |                 |                 |                               |              | -4.2         |
| 48                                    |               | BANGLADESH                            |         |                 |                 |                               |              | -10.0        |