



**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: 06<sup>th</sup> Nov 2016

To,

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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., एफ3-, 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, शिलॉंग - 793006  
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. महाप्रबंधक , द.क्षे.भा.प्रे.के.,29 , रेस कोर्स क्रॉस रोड, बंगलुरु -560009  
General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 05.11.2016.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 05 नवंबर 2016 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट 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 05 November 2016, is available at the NLDC website.

[http://posoco.in/download/06-11-16\\_nldc\\_psp/?wpdmdl=7299](http://posoco.in/download/06-11-16_nldc_psp/?wpdmdl=7299)

Thanking You.



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

Report for previous day

Date of Reporting

6-Nov-16

**A. Maximum Demand**

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 41083 | 44236 | 36652 | 17802 | 2291  | 142064 |
| Peak Shortage (MW)                     | 454   | 36    | 414   | 150   | 132   | 1186   |
| Energy Met (MU)                        | 856   | 992   | 866   | 339   | 41    | 3093   |
| Hydro Gen(MU)                          | 128   | 44    | 36    | 43    | 10    | 261    |
| Wind Gen(MU)                           | 4     | 8     | 27    | ----- | ----- | 39     |
| Solar Gen (MU)*                        | 0.14  | 9.37  | 14.50 | 0.03  | 0.00  | 24     |

**B. Frequency Profile (%)**

| Region   | FVI   | <49.7 | 49.7-49.8 | 49.8-49.9 | <49.9 | 49.9-50.05 | > 50.05 |
|----------|-------|-------|-----------|-----------|-------|------------|---------|
| NEW GRID | 0.036 | 0.00  | 0.00      | 6.22      | 6.22  | 78.08      | 15.71   |
| SR GRID  | 0.036 | 0.00  | 0.00      | 6.22      | 6.22  | 78.08      | 15.71   |

| RegionRegion | 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            | 4875                                | 0                                   | 103.0           | 49.1                 | 0.1              | 269         |
|              | Haryana           | 6353                                | 0                                   | 109.8           | 76.1                 | -0.3             | 226         |
|              | Rajasthan         | 10004                               | 0                                   | 204.7           | 75.9                 | 1.5              | 420         |
|              | Delhi             | 3160                                | 3                                   | 61.9            | 52.1                 | 0.7              | 184         |
|              | UP                | 13627                               | 0                                   | 276.8           | 88.9                 | -0.3             | 278         |
|              | Uttarakhand       | 1714                                | 0                                   | 33.6            | 20.8                 | 0.1              | 135         |
|              | HP                | 1325                                | 0                                   | 26.6            | 17.1                 | 0.2              | 132         |
|              | J&K               | 1751                                | 438                                 | 36.5            | 33.9                 | -4.4             | 0           |
|              | Chandigarh        | 175                                 | 0                                   | 3.3             | 3.5                  | -0.2             | 17          |
| WR           | Chhattisgarh      | 2861                                | 0                                   | 68.8            | 8.4                  | -1.9             | 231         |
|              | Gujarat           | 11376                               | 0                                   | 247.3           | 72.3                 | -4.2             | 346         |
|              | MP                | 9521                                | 0                                   | 208.9           | 128.9                | -2.6             | 307         |
|              | Maharashtra       | 20308                               | 0                                   | 427.7           | 120.8                | 0.1              | 338         |
|              | Goa               | 425                                 | 0                                   | 8.9             | 7.5                  | 0.8              | 77          |
|              | DD                | 301                                 | 0                                   | 6.7             | 6.4                  | 0.3              | 39          |
|              | DNH               | 739                                 | 0                                   | 16.9            | 17.2                 | -0.4             | -16         |
|              | Essar steel       | 708                                 | 0                                   | 6.5             | 6.5                  | 0.0              | 201         |
|              | Andhra Pradesh    | 7201                                | 0                                   | 163.6           | 21.1                 | 3.6              | 523         |
| SR           | Telangana         | 7357                                | 0                                   | 152.4           | 72.3                 | 1.4              | 298         |
|              | Karnataka         | 8983                                | 400                                 | 205.8           | 96.3                 | 4.8              | 519         |
|              | Kerala            | 3429                                | 0                                   | 65.3            | 55.2                 | 2.1              | 162         |
|              | Tamil Nadu        | 12716                               | 0                                   | 271.4           | 132.2                | -0.4             | 664         |
|              | Pondy             | 327                                 | 0                                   | 7.0             | 7.4                  | -0.4             | 15          |
|              | Bihar             | 3647                                | 0                                   | 68.6            | 62.8                 | 1.7              | 308         |
| ER           | DVC               | 2678                                | 0                                   | 61.1            | -33.7                | -0.2             | 292         |
|              | Jharkhand         | 1106                                | 0                                   | 24.3            | 12.7                 | -0.4             | 140         |
|              | Odisha            | 3929                                | 0                                   | 67.6            | 16.9                 | 0.1              | 378         |
|              | West Bengal       | 6783                                | 0                                   | 115.9           | 33.8                 | 0.4              | 396         |
|              | Sikkim            | 88                                  | 0                                   | 1.5             | 1.1                  | 0.3              | 22          |
| NER          | Arunachal Pradesh | 118                                 | 2                                   | 2.0             | 1.8                  | 0.2              | 35          |
|              | Assam             | 1444                                | 19                                  | 25.4            | 18.5                 | 2.2              | 164         |
|              | Manipur           | 142                                 | 0                                   | 2.0             | 2.1                  | -0.1             | 23          |
|              | Meghalaya         | 272                                 | 4                                   | 5.0             | 4.1                  | -0.2             | 10          |
|              | Mizoram           | 79                                  | 1                                   | 1.2             | 1.2                  | 0.0              | 7           |
|              | Nagaland          | 111                                 | 0                                   | 1.6             | 1.8                  | -0.2             | 21          |
|              | Tripura           | 232                                 | 0                                   | 3.4             | 3.5                  | -0.5             | 52          |

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

|               | Bhutan | Nepal  | Bangladesh |
|---------------|--------|--------|------------|
| Actual(MU)    | 18.0   | -2.9   | -12.8      |
| Day peak (MW) | 776.2  | -170.0 | -601.5     |

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

|              | NR    | WR     | SR   | ER    | NER | TOTAL |
|--------------|-------|--------|------|-------|-----|-------|
| Schedule(MU) | 171.1 | -187.4 | 91.2 | -79.3 | 2.7 | -1.7  |
| Actual(MU)   | 175.1 | -191.0 | 95.0 | -77.8 | 3.0 | 4.3   |
| O/D/U/D(MU)  | 4.0   | -3.6   | 3.8  | 1.5   | 0.3 | 6.0   |

**F. Generation Outage(MW)**

|                | NR    | WR    | SR   | ER   | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 4815  | 13236 | 1460 | 1100 | 59  | 20670 |
| State Sector   | 10060 | 17599 | 4499 | 6214 | 110 | 38482 |
| Total          | 14875 | 30835 | 5959 | 7314 | 168 | 59152 |

\*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(शि०प्र०)/  
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

| INTER-REGIONAL EXCHANGES              |               |                                       |         |                 |                 |             |              |  |          |
|---------------------------------------|---------------|---------------------------------------|---------|-----------------|-----------------|-------------|--------------|--|----------|
|                                       |               |                                       |         |                 |                 |             |              | Date of Reporting :                            | 6-Nov-16 |
|                                       |               |                                       |         |                 |                 |             |              | Import=(+ve)<br>/Export =(-ve)<br>for NET (MU) |          |
| SI 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               | 333             | 0.0         | 11.0         | -11.0  |          |
| 2                                     |               | SASARAM-FATEHPUR                      | S/C     | 254             | 37              | 3.0         | 0.0          | 3.0  |          |
| 3                                     |               | GAYA-BALIA                            | S/C     | 0               | 314             | 0.0         | 6.0          | -6.0   |          |
| 4                                     | HVDC LINK     | PUSAULI B/B                           | S/C     | 0               | 297             | 0.0         | 0.0          | 0.0  |          |
| 5                                     | 400 KV        | PUSAULI-SARNATH                       | S/C     | 10              | 0               | 6.0         | 0.0          | 6.0  |          |
| 6                                     |               | PUSAULI -ALLAHABAD                    | S/C     | 0               | 301             | 0.0         | 7.0          | -7.0   |          |
| 7                                     |               | MUZAFFARPUR-GORAKHPUR                 | D/C     | 220             | 257             | 0.0         | 2.0          | -2.0   |          |
| 8                                     |               | PATNA-BALIA                           | Q/C     | 0               | 655             | 0.0         | 12.0         | -12.0  |          |
| 9                                     |               | BIHARSHARIFF-BALIA                    | D/C     | 138             | 120             | 0.0         | 1.0          | -1.0   |          |
| 10                                    |               | BARH-GORAKHPUR                        | D/C     | 0               | 457             | 0.0         | 10.0         | -10.0  |          |
| 11                                    | 220 KV        | BIHARSHARIFF-VARANASI                 | D/C     | 19              | 0               | 0.0         | 0.0          | 0.0  |          |
| 12                                    |               | PUSAULI-SAHUPURI                      | S/C     | 0               | 220             | 0.0         | 4.0          | -4.0   |          |
| 13                                    |               | SONE NAGAR-RIHAND                     | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| 14                                    |               | GARWAH-RIHAND                         | S/C     | 35              | 0               | 1.0         | 0.0          | 1.0  |          |
| 15                                    |               | KARMANASA-SAHUPURI                    | S/C     | 0               | 0               | 1.0         | 0.0          | 1.0  |          |
| 16                                    | 132 KV        | KARMANASA-CHANDAULI                   | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| <b>ER-NR</b>                          |               |                                       |         |                 |                 | <b>11.0</b> | <b>53.0</b>  | <b>-42.0</b>                                   |          |
| <b>Import/Export of ER (With WR)</b>  |               |                                       |         |                 |                 |             |              |  |          |
| 17                                    | 765 KV        | JHARSUGUDA-DHARAMJAIGARH S/C          | D/C     | 176             | 520             | 0.0         | 6.0          | -6.0   |          |
| 18                                    |               | NEW RANCHI-DHARAMJAIGARH              | D/C     | 451             | 102             | 4.0         | 0.0          | 4.0  |          |
| 19                                    | 400 KV        | ROURKELA - RAIGARH ( SEL LILO BYPASS) | S/C     | 162             | 16              | 1.0         | 0.0          | 1.0  |          |
| 20                                    |               | JHARSUGUDA-RAIGARH                    | S/C     | 138             | 8               | 2.0         | 0.0          | 2.0  |          |
| 21                                    |               | IBEUL-RAIGARH                         | S/C     | 49              | 0               | 1.0         | 0.0          | 1.0  |          |
| 22                                    |               | STERLITE-RAIGARH                      | D/C     | 46              | 156             | 0.0         | 2.0          | -2.0   |          |
| 23                                    |               | RANCHI-SIPAT                          | D/C     | 273             | 0               | 4.0         | 0.0          | 4.0  |          |
| 24                                    | 220 KV        | BUDHIPADAR-RAIGARH                    | S/C     | 30              | 94              | 0.0         | 0.0          | 0.0  |          |
| 25                                    |               | BUDHIPADAR-KORBA                      | D/C     | 197             | 0               | 3.0         | 0.0          | 3.0  |          |
| <b>ER-WR</b>                          |               |                                       |         |                 |                 | <b>15.0</b> | <b>8.0</b>   | <b>7.0</b>                                     |          |
| <b>Import/Export of ER (With SR)</b>  |               |                                       |         |                 |                 |             |              |  |          |
| 26                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B                  | D/C     | 0.0             | 330             | 0.0         | 14.0         | -14.0  |          |
| 27                                    | 400 KV        | TALCHER-KOLAR BIPOLE                  | D/C     | 0.0             | 1970            | 0.0         | 41.0         | -41.0  |          |
| 28                                    |               | TALCHER-I/C                           |         | 0.0             | 1119            | 0.0         | 20.0         | -20.0  |          |
| 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>55.0</b>  | <b>-55.0</b>                                   |          |
| <b>Import/Export of ER (With NER)</b> |               |                                       |         |                 |                 |             |              |  |          |
| 30                                    | 400 KV        | BINAGURI-BONGAIGAON                   | Q/C     | 10              | 1192            | 0.0         | 15.0         | -15  |          |
| 31                                    | 220 KV        | BIRPARA-SALAKATI                      | D/C     | 0               | 0               | 0.0         | 3.0          | -3   |          |
| <b>ER-NER</b>                         |               |                                       |         |                 |                 | <b>0.0</b>  | <b>18.0</b>  | <b>-18.0</b>                                   |          |
| <b>Import/Export of NR (With NER)</b> |               |                                       |         |                 |                 |             |              |  |          |
| 32                                    | HVDC          | BISWANATH CHARIALI-AGRA               | -       | 684             | 0               | 16.0        | 0.0          | 16.0   |          |
| <b>NR-NER</b>                         |               |                                       |         |                 |                 | <b>16.0</b> | <b>0.0</b>   | <b>16.0</b>                                    |          |
| <b>Import/Export of WR (With NR)</b>  |               |                                       |         |                 |                 |             |              |  |          |
| 33                                    | HVDC          | VCHAL B/B                             | D/C     | 500             | 0               | 12.0        | 0.0          | 12.0   |          |
| 34                                    | HVDC          | APL -MHG                              | D/C     | 0               | 1815            | 0.0         | 44.0         | -44.0  |          |
| 35                                    | 765 KV        | GWALIOR-AGRA                          | D/C     | 0               | 2332            | 0.0         | 49.0         | -49.0  |          |
| 36                                    | 765 KV        | PHAGI-GWALIOR                         | D/C     | 0               | 1620            | 0.0         | 35.5         | -35.5  |          |
| 37                                    | 400 KV        | ZERDA-KANKROLI                        | S/C     | 151             | 58              | 1.0         | 0.0          | 1.0  |          |
| 38                                    | 400 KV        | ZERDA -BHINMAL                        | S/C     | 139             | 147             | 0.0         | 1.0          | -1.0   |          |
| 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     | 66              | 0               | 1.0         | 0.0          | 1.0  |          |
| 42                                    |               | BADOD-MORAK                           | S/C     | 16              | 27              | 0.0         | 0.0          | 0.0  |          |
| 43                                    |               | MEHGAON-AURAIYA                       | S/C     | 73              | 0               | 2.0         | 0.0          | 2.0  |          |
| 44                                    |               | MALANPUR-AURAIYA                      | S/C     | 32              | 0               | 1.0         | 0.0          | 1.0  |          |
| 45                                    | 132KV         | GWALIOR-SAWAI MADHOPUR                | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| <b>WR-NR</b>                          |               |                                       |         |                 |                 | <b>17.0</b> | <b>129.5</b> | <b>-112.5</b>                                  |          |
| <b>Import/Export of WR (With SR)</b>  |               |                                       |         |                 |                 |             |              |  |          |
| 46                                    | HVDC LINK     | BHADRAWATI B/B                        | -       | 0               | 1000            | 0.0         | 24.0         | -24.0  |          |
| 47                                    | 765 KV        | BARSUR-L.SILERU                       | -       | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| 48                                    |               | SOLAPUR-RAICHUR                       | D/C     | 0               | 2078            | 0.0         | 41.0         | -41.0  |          |
| 49                                    | 400 KV        | KOLHAPUR-KUDGI                        | D/C     | 0               | 478             | 0.0         | 7.0          | -7.0   |          |
| 50                                    | 220 KV        | KOLHAPUR-CHIKODI                      | D/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| 51                                    |               | PONDA-AMBEWADI                        | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| 52                                    |               | XELDEM-AMBEWADI                       | S/C     | 85              | 0               | 1.0         | 0.0          | 1.0  |          |
| <b>WR-SR</b>                          |               |                                       |         |                 |                 | <b>1.0</b>  | <b>72.0</b>  | <b>-71.0</b>                                   |          |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                                       |         |                 |                 |             |              |  |          |
| 54                                    |               | BHUTAN                                |         |                 |                 |             |              | <b>18.0</b>                                    |          |
| 55                                    |               | NEPAL                                 |         |                 |                 |             |              | <b>-2.9</b>                                    |          |
| 56                                    |               | BANGLADESH                            |         |                 |                 |             |              | <b>-12.8</b>                                   |          |