



**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: 08<sup>th</sup> Oct, 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., डोंगतेह, 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 07.10.2016.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 07 अक्टूबर 2016 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेंकें 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 07<sup>th</sup> October 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Oct%202016/08.10.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Oct%202016/08.10.16_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

8-Oct-16

A. Maximum Demand

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 45753 | 41093 | 37650 | 19173 | 2488  | 146157 |
| Peak Shortage (MW)                     | 654   | 0     | 0     | 0     | 111   | 765    |
| Energy Met (MU)                        | 1008  | 880   | 897   | 386   | 46    | 3217   |
| Hydro Gen(MU)                          | 203   | 80    | 84    | 67    | 16    | 449    |
| Wind Gen(MU)                           | 9     | 18    | 84    | ----- | ----- | 111    |
| Solar Gen (MU)*                        | 0.66  | 7.86  | 12.30 | 0.03  | 0.02  | 21     |

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 | 0.034 | 0.00  | 0.00      | 6.02      | 6.02  | 80.88      | 13.10   |
| SR GRID  | 0.034 | 0.00  | 0.00      | 6.02      | 6.02  | 80.88      | 13.10   |

| 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            | 7503                                | 0                                   | 164.3           | 78.9                 | 0.5              | 146         |
|              | Haryana           | 7972                                | 0                                   | 151.7           | 101.3                | -3.6             | 53          |
|              | Rajasthan         | 8412                                | 0                                   | 177.5           | 60.1                 | -0.4             | 263         |
|              | Delhi             | 4698                                | 0                                   | 101.7           | 84.3                 | 1.1              | 402         |
|              | UP                | 14669                               | 0                                   | 306.6           | 130.4                | -3.1             | 228         |
|              | Uttarakhand       | 1882                                | 0                                   | 38.5            | 19.3                 | 2.7              | 219         |
|              | HP                | 1342                                | 0                                   | 26.7            | 12.5                 | 2.0              | 205         |
|              | J&K               | 1977                                | 494                                 | 35.6            | 21.9                 | -3.1             | 65          |
| WR           | Chandigarh        | 248                                 | 0                                   | 5.0             | 5.3                  | -0.3             | 12          |
|              | Chhattisgarh      | 2990                                | 0                                   | 70.9            | 11.6                 | -3.6             | 289         |
|              | Gujarat           | 11625                               | 0                                   | 253.9           | 69.5                 | -1.4             | 635         |
|              | MP                | 7335                                | 0                                   | 153.5           | 71.5                 | -1.1             | 194         |
|              | Maharashtra       | 17452                               | 0                                   | 356.4           | 107.8                | -0.3             | 300         |
|              | Goa               | 427                                 | 0                                   | 9.1             | 8.0                  | 0.5              | 46          |
|              | DD                | 319                                 | 0                                   | 7.2             | 6.8                  | 0.4              | 36          |
|              | DNH               | 769                                 | 0                                   | 17.7            | 17.8                 | -0.1             | 25          |
| SR           | Essar steel       | 601                                 | 0                                   | 11.3            | 10.5                 | 0.8              | 233         |
|              | Andhra Pradesh    | 7006                                | 0                                   | 158.3           | 11.9                 | 2.7              | 383         |
|              | Telangana         | 7462                                | 0                                   | 153.0           | 74.2                 | 0.3              | 427         |
|              | Karnataka         | 9475                                | 0                                   | 197.0           | 88.5                 | -7.5             | 563         |
|              | Kerala            | 3441                                | 0                                   | 66.5            | 50.7                 | 2.6              | 223         |
|              | Tamil Nadu        | 14161                               | 0                                   | 315.7           | 122.7                | -1.3             | 817         |
|              | Pondy             | 329                                 | 0                                   | 6.8             | 7.1                  | -0.2             | 19          |
|              | ER                | Bihar                               | 3655                                | 0               | 77.0                 | 73.9             | -1.3        |
| DVC          |                   | 2804                                | 0                                   | 63.2            | -28.1                | 0.3              | 60          |
| Jharkhand    |                   | 1125                                | 0                                   | 22.4            | 16.0                 | 2.4              | 200         |
| Odisha       |                   | 3774                                | 0                                   | 71.6            | 20.4                 | -1.2             | 300         |
| West Bengal  |                   | 8054                                | 0                                   | 150.6           | 37.5                 | -2.7             | 310         |
| Sikkim       |                   | 78                                  | 0                                   | 1.1             | 1.2                  | -0.1             | 20          |
| NER          | Arunachal Pradesh | 129                                 | 9                                   | 2.0             | 2.2                  | -0.1             | 11          |
|              | Assam             | 1597                                | 44                                  | 30.2            | 22.5                 | 3.1              | 164         |
|              | Manipur           | 115                                 | 4                                   | 1.9             | 1.9                  | -0.1             | 16          |
|              | Meghalaya         | 245                                 | 6                                   | 4.8             | 0.3                  | 1.3              | 67          |
|              | Mizoram           | 73                                  | 2                                   | 1.3             | 1.1                  | 0.1              | 17          |
|              | Nagaland          | 106                                 | 1                                   | 1.5             | 1.8                  | -0.4             | 21          |
|              | Tripura           | 268                                 | 0                                   | 4.4             | 4.4                  | 0.6              | 94          |

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

|               | Bhutan | Nepal  | Bangladesh |
|---------------|--------|--------|------------|
| Actual(MU)    | 31.1   | -3.6   | -11.6      |
| Day peak (MW) | 1284.9 | -134.5 | -574.4     |

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

|              | NR    | WR     | SR   | ER    | NER | TOTAL |
|--------------|-------|--------|------|-------|-----|-------|
| Schedule(MU) | 216.0 | -195.6 | 67.6 | -86.6 | 0.3 | 1.7   |
| Actual(MU)   | 215.4 | -205.4 | 58.2 | -92.7 | 3.7 | -20.8 |
| O/D/U/D(MU)  | -0.6  | -9.7   | -9.4 | -6.1  | 3.4 | -22.4 |

F. Generation Outage(MW)

|                | NR    | WR    | SR    | ER   | NER | Total |
|----------------|-------|-------|-------|------|-----|-------|
| Central Sector | 3957  | 16003 | 1890  | 810  | 60  | 22720 |
| State Sector   | 8750  | 18458 | 9647  | 5354 | 110 | 42319 |
| Total          | 12707 | 34461 | 11537 | 6164 | 170 | 65039 |

\*As available with RLDCs

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 :                            | 8-Oct-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               | 449             | 0.0         | 15.8         | -15.8  |          |
| 2                                     |               | SASARAM-FATEHPUR                      | S/C     | 77              | 116             | 0.0         | 0.2          | -0.2   |          |
| 3                                     |               | GAYA-BALIA                            | S/C     | 0               | 549             | 0.0         | 8.8          | -8.8   |          |
| 4                                     | HVDC LINK     | PUSAULI B/B                           | S/C     | 0               | 149             | 0.0         | 3.7          | -3.7   |          |
| 5                                     | 400 KV        | PUSAULI-SARNATH                       | S/C     | 9               | 0               | 0.0         | 0.0          | 0.0  |          |
| 6                                     |               | PUSAULI-ALLAHABAD                     | S/C     | 0               | 151             | 0.0         | 0.0          | 0.0  |          |
| 7                                     |               | MUZAFFARPUR-GORAKHPUR                 | D/C     | 6               | 551             | 0.0         | 10.4         | -10.4  |          |
| 8                                     |               | PATNA-BALIA                           | Q/C     | 0               | 642             | 0.0         | 11.6         | -11.6  |          |
| 9                                     |               | BIHARSHARIFF-BALIA                    | D/C     | 0               | 252             | 0.0         | 4.8          | -4.8   |          |
| 10                                    |               | BARH-GORAKHPUR                        | D/C     | 0               | 450             | 0.0         | 9.1          | -9.1   |          |
| 11                                    | 220 KV        | BIHARSHARIFF-VARANASI                 | D/C     | 19              | 0               | 0.0         | 3.5          | -3.5   |          |
| 12                                    |               | PUSAULI-SAHUPURI                      | S/C     | 2               | 0               | 0.0         | 0.0          | 0.0  |          |
| 13                                    |               | SONE NAGAR-RIHAND                     | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| 14                                    |               | GARWAH-RIHAND                         | S/C     | 35              | 0               | 0.5         | 0.0          | 0.5  |          |
| 15                                    |               | KARMANASA-SAHUPURI                    | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| 16                                    | 132 KV        | KARMANASA-CHANDAULI                   | S/C     | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| <b>ER-NR</b>                          |               |                                       |         |                 |                 | <b>0.5</b>  | <b>67.9</b>  | <b>-67.4</b>                                   |          |
| <b>Import/Export of ER (With WR)</b>  |               |                                       |         |                 |                 |             |              |  |          |
| 17                                    | 765 KV        | JHARSUGUDA-DHARAMJAIGARH S/C          | D/C     | 0               | 1047            | 0.0         | 18.5         | -18.5  |          |
| 18                                    |               | NEW RANCHI-DHARAMJAIGARH              | D/C     | 523             | 0               | 7.7         | 0.0          | 7.7  |          |
| 19                                    | 400 KV        | ROURKELA - RAIGARH ( SEL LILO BYPASS) | S/C     | 136             | 32              | 1.3         | 0.0          | 1.3  |          |
| 20                                    |               | JHARSUGUDA-RAIGARH                    | S/C     | 131             | 40              | 1.2         | 0.0          | 1.2  |          |
| 21                                    |               | IBEUL-RAIGARH                         | S/C     | 94              | 27              | 0.9         | 0.0          | 0.9  |          |
| 22                                    |               | STERLITE-RAIGARH                      | D/C     | 110             | 20              | 1.3         | 0.0          | 1.3  |          |
| 23                                    | 220 KV        | RANCHI-SIPAT                          | D/C     | 324             | 5               | 5.3         | 0.0          | 5.3  |          |
| 24                                    |               | BUDHIPADAR-RAIGARH                    | S/C     | 13              | 134             | 0.0         | 1.4          | -1.4   |          |
| 25                                    |               | BUDHIPADAR-KORBA                      | D/C     | 148             | 0               | 2.1         | 0.0          | 2.1  |          |
| <b>ER-WR</b>                          |               |                                       |         |                 |                 | <b>19.7</b> | <b>19.9</b>  | <b>-0.2</b>                                    |          |
| <b>Import/Export of ER (With SR)</b>  |               |                                       |         |                 |                 |             |              |  |          |
| 26                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B                  | D/C     | 0.0             | 285             | 0.0         | 13.8         | -13.8  |          |
| 27                                    | 400 KV        | TALCHER-KOLAR BIPOLE                  | D/C     | 0.0             | 1185            | 0.0         | 28.7         | -28.7  |          |
| 28                                    |               | TALCHER-I/C                           |         | 0.0             | 791             | 0.0         | 15.9         | -15.9  |          |
| 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>42.4</b>  | <b>-42.4</b>                                   |          |
| <b>Import/Export of ER (With NER)</b> |               |                                       |         |                 |                 |             |              |  |          |
| 30                                    | 400 KV        | BINAGURI-BONGAIGAON                   | Q/C     | 0               | 637             | 0.0         | 11.1         | -11  |          |
| 31                                    | 220 KV        | BIRPARA-SALAKATI                      | D/C     | 0               | 0               | 0.0         | 2.8          | -3   |          |
| <b>ER-NER</b>                         |               |                                       |         |                 |                 | <b>0.0</b>  | <b>13.8</b>  | <b>-13.8</b>                                   |          |
| <b>Import/Export of NR (With NER)</b> |               |                                       |         |                 |                 |             |              |  |          |
| 32                                    | HVDC          | BISWANATH CHARIALI-AGRA               | -       | 500             | 0               | 11.1        | 0.0          | 11.1   |          |
| <b>NR-NER</b>                         |               |                                       |         |                 |                 | <b>11.1</b> | <b>0.0</b>   | <b>11.1</b>                                    |          |
| <b>Import/Export of WR (With NR)</b>  |               |                                       |         |                 |                 |             |              |  |          |
| 33                                    | HVDC          | VCHAL B/B                             | D/C     | 500             | 50              | 8.3         | 0.3          | 8.0  |          |
| 34                                    | HVDC          | APL -MHG                              | D/C     | 0               | 2419            | 0.0         | 55.6         | -55.6  |          |
| 35                                    | 765 KV        | GWALIOR-AGRA                          | D/C     | 0               | 2990            | 0.0         | 60.7         | -60.7  |          |
| 36                                    | 765 KV        | PHAGI-GWALIOR                         | D/C     | 0               | 1712            | 0.0         | 28.7         | -28.7  |          |
| 37                                    | 400 KV        | ZERDA-KANKROLI                        | S/C     | 0               | 174             | 0.0         | 2.5          | -2.5   |          |
| 38                                    | 400 KV        | ZERDA -BHINMAL                        | S/C     | 25              | 201             | 0.0         | 2.6          | -2.6   |          |
| 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     | 21              | 31              | 0.1         | 0.3          | -0.2   |          |
| 42                                    |               | BADOD-MORAK                           | S/C     | 0               | 53              | 0.0         | 0.7          | -0.7   |          |
| 43                                    |               | MEHGAON-AURAIYA                       | S/C     | 49              | 6               | 0.7         | 0.0          | 0.7  |          |
| 44                                    |               | MALANPUR-AURAIYA                      | S/C     | 36              | 28              | 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>9.1</b>  | <b>151.6</b> | <b>-142.5</b>                                  |          |
| <b>Import/Export of WR (With SR)</b>  |               |                                       |         |                 |                 |             |              |  |          |
| 46                                    | HVDC LINK     | BHADRAWATI B/B                        | -       | 0               | 1000            | 0.0         | 16.0         | -16.0  |          |
| 47                                    | 765 KV        | BARSUR-L.SILERU                       | -       | 0               | 0               | 0.0         | 0.0          | 0.0  |          |
| 48                                    |               | SOLAPUR-RAICHUR                       | D/C     | 0               | 2121            | 0.0         | 40.0         | -40.0  |          |
| 49                                    | 400 KV        | KOLHAPUR-KUDGI                        | D/C     | 0               | 436             | 0.0         | 6.2          | -6.2   |          |
| 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     | 94              | 0               | 1.8         | 0.0          | 1.8  |          |
| <b>WR-SR</b>                          |               |                                       |         |                 |                 | <b>1.8</b>  | <b>62.2</b>  | <b>-60.4</b>                                   |          |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                                       |         |                 |                 |             |              |  |          |
| 54                                    |               | BHUTAN                                |         |                 |                 |             |              | 31.1   |          |
| 55                                    |               | NEPAL                                 |         |                 |                 |             |              | -3.6   |          |
| 56                                    |               | BANGLADESH                            |         |                 |                 |             |              | -11.6  |          |