

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

Report for previous day

Date of Reporting

19-Nov-14

A. Maximum Demand

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 37468 | 40476 | 31610 | 15002 | 2012  | 126568 |
| Peak Shortage (MW)                     | 1761  | 89    | 1528  | 500   | 152   | 4030   |
| Energy Met (MU)                        | 771   | 958   | 709   | 295   | 35    | 2767   |
| Hydro Gen(MU)                          | 111   | 34    | 82    | 27    | 7     | 261    |
| Wind Gen(MU)                           | 1     | 11    | 31    | ----- | ----- | 43     |

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  | 0.45  | 1.31      | 10.46     | 12.22 | 56.20      | 31.57   |
| SR GRID  | 0.00  | 0.45  | 1.31      | 10.46     | 12.22 | 56.20      | 31.57   |

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            | 5006                                | 0                                   | 98.2            | 47.7                 | 2.2              | 227         |
|               | Haryana           | 5878                                | 0                                   | 103.7           | 51.5                 | 0.4              | 262         |
|               | Rajasthan         | 9405                                | 0                                   | 198.6           | 71.1                 | -1.3             | 137         |
|               | Delhi             | 3106                                | 16                                  | 58.0            | 37.4                 | 0.1              | 178         |
|               | UP                | 9927                                | 4150                                | 212.9           | 99.3                 | 1.4              | 456         |
|               | Uttarakhand       | 1679                                | 150                                 | 32.5            | 23.7                 | 0.6              | 208         |
|               | HP                | 1309                                | 0                                   | 24.0            | 17.7                 | 0.3              | 102         |
|               | J&K               | 1949                                | 0                                   | 39.3            | 30.3                 | 1.5              | 184         |
| WR            | Chhattisgarh      | 185                                 | 0                                   | 3.4             | 3.4                  | 0.1              | 17          |
|               | Chhattisgarh      | 2946                                | 18                                  | 62.0            | 8.2                  | -0.4             | 315         |
|               | Gujarat           | 12902                               | 0                                   | 281.7           | 71.7                 | -1.6             | 388         |
|               | MP                | 9187                                | 0                                   | 197.7           | 114.3                | -2.1             | 443         |
|               | Maharashtra       | 17534                               | 62                                  | 382.3           | 110.5                | -2.3             | 539         |
|               | Goa               | 413                                 | 0                                   | 8.0             | 7.4                  | -0.1             | 47          |
|               | DD                | 258                                 | 0                                   | 5.2             | 5.3                  | -0.2             | 13          |
|               | DNH               | 609                                 | 0                                   | 13.3            | 14.0                 | -0.7             | 66          |
| SR            | Essar steel       | 394                                 | 0                                   | 7.9             | 9.2                  | -1.4             | 72          |
|               | Andhra Pradesh    | 5723                                | 0                                   | 130.8           | 23.8                 | 1.3              | 324         |
|               | Telangana         | 5366                                | 240                                 | 122.3           | 67.4                 | 4.4              | 290         |
|               | Karnataka         | 7631                                | 400                                 | 152.8           | 18.4                 | 2.0              | 374         |
|               | Kerala            | 3321                                | 125                                 | 61.2            | 36.7                 | 2.3              | 282         |
|               | Tamil Nadu        | 11137                               | 763                                 | 236.2           | 66.8                 | 1.1              | 328         |
|               | Pondy             | 309                                 | 0                                   | 6.0             | 6.0                  | 0.1              | 31          |
|               | ER                | Bihar                               | 2267                                | 0               | 49.1                 | 42.3             | 2.7         |
| DVC           |                   | 2365                                | 0                                   | 53.5            | -15.4                | 1.2              | 200         |
| Jharkhand     |                   | 1026                                | 0                                   | 20.0            | 9.1                  | -0.1             | 130         |
| Odisha        |                   | 3312                                | 0                                   | 64.4            | 18.0                 | 2.6              | 400         |
| West Bengal   |                   | 6247                                | 0                                   | 106.3           | 14.3                 | 1.2              | 350         |
| Sikkim        |                   | 98                                  | 0                                   | 1.4             | 0.9                  | 0.5              | 30          |
| NER           | Arunachal Pradesh | 106                                 | 0                                   | 1.8             | 1.4                  | 0.4              | 37          |
|               | Assam             | 1190                                | 50                                  | 20.5            | 13.2                 | 2.4              | 160         |
|               | Manipur           | 136                                 | 1                                   | 2.2             | 2.2                  | 0.1              | 31          |
|               | Meghalaya         | 279                                 | 1                                   | 4.5             | 3.6                  | -0.3             | 32          |
|               | Mizoram           | 71                                  | 4                                   | 1.2             | 1.0                  | 0.1              | 21          |
|               | Nagaland          | 106                                 | 3                                   | 2.1             | 1.2                  | 0.4              | 32          |
|               | Tripura           | 207                                 | 3                                   | 2.5             | 0.6                  | -0.3             | 37          |

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

|            | Bhutan | Nepal  | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 8.5    | -2.7   | -6.9       |
| Max MW     |        | -154.0 | -453.0     |

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

|              | NR    | WR    | SR   | ER    | NER |
|--------------|-------|-------|------|-------|-----|
| Schedule(MU) | 104.0 | -82.2 | 33.7 | -60.4 | 5.1 |
| Actual(MU)   | 99.7  | -98.2 | 41.4 | -51.3 | 7.4 |
| O/D/U/D(MU)  | -4.3  | -16.0 | 7.7  | 9.1   | 2.3 |

F. Generation Outage(MW)

|                | NR    | WR    | SR   | ER   | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 3808  | 9361  | 2680 | 3935 | 115 | 19899 |
| State Sector   | 6800  | 8460  | 3642 | 5631 | 110 | 24643 |
| Total          | 10608 | 17821 | 6322 | 9566 | 225 | 44542 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

| <b>INTER-REGIONAL EXCHANGES</b>       |               |                                       |         |                 |                 |                             |              |              |
|---------------------------------------|---------------|---------------------------------------|---------|-----------------|-----------------|-----------------------------|--------------|--------------|
| Date of Reporting : 19-Nov-14         |               |                                       |         |                 |                 |                             |              |              |
|                                       |               |                                       |         |                 |                 | 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     | 34              | -366            | 0.0                         | -4.5         | -4.5         |
| 2                                     |               | SASARAM-FATEHPUR                      | S/C     | 0               | 0               | 0.0                         | -0.1         | -0.1         |
| 3                                     | HVDC LINK     | PUSAULI B/B                           | S/C     | 0               | 0               | 0.0                         | -9.8         | -9.8         |
| 4                                     | 400 KV        | PUSAULI-SARNATH                       | S/C     | 0               | -287            | 0.0                         | 0.0          | 0.0          |
| 5                                     |               | PUSAULI -ALLAHABAD                    | D/C     | 0               | -184            | 0.0                         | 0.0          | 0.0          |
| 6                                     |               | MUZAFFARPUR-GORAKHPUR                 | D/C     | 172             | -374            | 0.0                         | -3.5         | -3.5         |
| 7                                     |               | PATNA-BALIA                           | Q/C     | 0               | -264            | 0.0                         | -9.6         | -9.6         |
| 8                                     |               | BIHARSHARIFF-BALIA                    | D/C     | 152             | -122            | 0.0                         | -0.5         | -0.5         |
| 9                                     | 220 KV        | PUSAULI-BALIA                         | D/C     | 195             | 0               | 3.8                         | 0.0          | 3.8          |
| 10                                    | 132 KV        | PUSAULI-SAHUPURI                      | S/C     | 0               | -207            | 0.0                         | -2.5         | -2.5         |
| 11                                    |               | SONE NAGAR-RIHAND                     | S/C     | 0               | 0               | 0.7                         | 0.0          | 0.7          |
| 12                                    |               | GARWAH-RIHAND                         | S/C     | 25              | 0               | 0.0                         | 0.0          | 0.0          |
| 13                                    |               | KARMANASA-SAHUPURI                    | S/C     | 2               | 0               | 0.0                         | 0.0          | 0.0          |
| 14                                    |               | KARMANASA-CHANDAULI                   | S/C     | 0               | 0               | 0.0                         | 0.0          | 0.0          |
| <b>ER-NR</b>                          |               |                                       |         |                 |                 | <b>4.5</b>                  | <b>-30.4</b> | <b>-25.9</b> |
| <b>Import/Export of ER (With WR)</b>  |               |                                       |         |                 |                 |                             |              |              |
| 15                                    | 765 KV        | JHARSUGUDA-DHARAMJAIGARH S/C          | D/C     | -119            | 83              | -0.1                        | 0.0          | -0.1         |
| 16                                    |               | RANCHI-DHARAMJAIGARH                  | S/C     | -173            | 126             | -0.4                        | 0.0          | -0.4         |
| 17                                    | 400 KV        | ROURKELA - RAIGARH ( SEL LILO BYPASS) | S/C     | 0               | 0               | 0.0                         | 0.0          | 0.0          |
| 18                                    |               | JHARSUGUDA-RAIGARH                    | D/C     | 0               | 0               | 0.0                         | -0.3         | -0.3         |
| 19                                    |               | STERLITE-RAIGARH                      | D/C     | 60              | -436            | 0                           | -7           | -6.5         |
| 20                                    |               | RANCHI-SIPAT                          | D/C     | 164             | -107            | 0.5                         | 0.0          | 0.5          |
| 21                                    | 220 KV        | BUDHIPADAR-RAIGARH                    | S/C     | 0               | -227            | 0.0                         | -3.6         | -3.6         |
| 22                                    |               | BUDHIPADAR-KORBA                      | D/C     | 30              | -68             | 0.0                         | -0.5         | -0.5         |
| <b>ER-WR</b>                          |               |                                       |         |                 |                 | <b>0.1</b>                  | <b>-10.9</b> | <b>-10.9</b> |
| <b>Import/Export of ER (With SR)</b>  |               |                                       |         |                 |                 |                             |              |              |
| 23                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B                  | D/C     | 0               | 0               | 0.0                         | 0.0          | 0.0          |
| 23                                    |               | TALCHER-KOLAR BIPOLE                  | D/C     | 0               | -1978           | 0.0                         | -47.8        | -47.8        |
| 24                                    | 400 KV        | TALCHER-I/C                           |         | 0               | -682            | 0                           | -5.77        | -5.77        |
| 25                                    | 220 KV        | BALIMELA-UPPER-SILERRU                | S/C     | 0               | 0               | 0.0                         | 0.0          | 0.0          |
| <b>ER-SR</b>                          |               |                                       |         |                 |                 | <b>0.0</b>                  | <b>-5.8</b>  | <b>-5.8</b>  |
| <b>Import/Export of ER (With NER)</b> |               |                                       |         |                 |                 |                             |              |              |
| 26                                    | 400 KV        | BINAGURI-BONGAIGAON                   | Q/C     | 0               | -339            | 0.0                         | -6.4         | -6.4         |
| 27                                    | 220 KV        | BIRPARA-SALAKATI                      | D/C     | 0               | -92             | 0.0                         | -1.1         | -1.1         |
| <b>ER-NER</b>                         |               |                                       |         |                 |                 | <b>0.0</b>                  | <b>-7.5</b>  | <b>-7.5</b>  |
| <b>Import/Export of WR (With NR)</b>  |               |                                       |         |                 |                 |                             |              |              |
| 28                                    | HVDC          | V'CHAL B/B                            | D/C     | 500             | 0               | 10.8                        | 0.0          | 10.8         |
| 29                                    | 765 KV        | GWALIOR-AGRA                          | D/C     | 0               | -2170           | 0.0                         | -39.3        | -39.3        |
| 30                                    | 400 KV        | ZERDA-KANKROLI                        | S/C     | 294             | -59             | 5.1                         | 0.0          | 5.1          |
| 31                                    | 400 KV        | ZERDA -BHINMAL                        | S/C     | 251             | -53             | 2.3                         | 0.0          | 2.3          |
| 32                                    | 400 KV        | V'CHAL -RIHAND                        | S/C     | 0               | -510            | 0                           | -10.70       | -10.70       |
| 33                                    | 220 KV        | BADOD-KOTA                            | S/C     | 132             | 0               | 2.5                         | 0.0          | 2.5          |
| 34                                    |               | BADOD-MORAK                           | S/C     | 130             | 0               | 2.5                         | 0.0          | 2.5          |
| 35                                    |               | MEHGAON-AURAIYA                       | S/C     | 96              | 0               | 1.8                         | 0.0          | 1.8          |
| 36                                    |               | MALANPUR-AURAIYA                      | S/C     | 61              | 0               | 0.9                         | 0.0          | 0.9          |
| 37                                    | 132KV         | GWALIOR-SAWAI MADHOPUR                | S/C     | 0               | 0               | 0.0                         | 0.0          | 0.0          |
| <b>WR-NR</b>                          |               |                                       |         |                 |                 | <b>25.9</b>                 | <b>-50.0</b> | <b>-24.1</b> |
| 38                                    | HVDC          | APL -MHG                              | D/C     | 0               | -2217           | 0.0                         | -49.3        | -49.3        |
| <b>Import/Export of WR (With SR)</b>  |               |                                       |         |                 |                 |                             |              |              |
| 39                                    | HVDC LINK     | BHADRAWATI B/B                        | -       | 0               | -1000           | 0.0                         | -23.9        | -23.9        |
| 40                                    |               | BARSUR-L.SILERU                       | -       | 0               | 0               | 0.0                         | 0.0          | 0.0          |
| 41                                    | 765 KV        | SOLAPUR-RAICHUR                       | D/C     | 229             | -858            | 0.0                         | -11.7        | -11.7        |
| 42                                    | 220 KV        | KOLHAPUR-CHIKODI                      | D/C     | 0               | -119            | 0.0                         | -2.1         | -2.1         |
| 43                                    |               | PONDA-AMBEWADI                        | S/C     | 0               | 0               | 0.0                         | 0.0          | 0.0          |
| 44                                    |               | XELDEM-AMBEWADI                       | S/C     | 102             | 0               | 2.0                         | 0.0          | 2.0          |
| <b>WR-SR</b>                          |               |                                       |         |                 |                 | <b>2.0</b>                  | <b>-37.7</b> | <b>-35.7</b> |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                                       |         |                 |                 |                             |              |              |
| 45                                    |               | BHUTAN                                |         |                 |                 |                             |              | 8.5          |
| 46                                    |               | NEPAL                                 |         |                 |                 |                             |              | -2.7         |
| 47                                    |               | BANGLADESH                            |         |                 |                 |                             |              | -6.9         |