



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

Report for previous day

Date of Reporting

22-Apr-13

**A. Maximum Demand**

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 31504 | 35295 | 29057 | 12487 | 1510  | 109853 |
| Peak Shortage (MW)                     | 1280  | 194   | 3997  | 500   | 406   | 6377   |
| Energy Met (MU)                        | 681   | 797   | 685   | 265   | 27    | 2455   |
| Hydro Gen(MU)                          | 131   | 31    | 48    | 25    | 5     | 239    |
| Wind Gen(MU)                           | 5     | 18    | 17    | ----- | ----- | 39     |

**B. Frequency Profile (%)**

| Region   | <49.2 | 49.2-49.5 | 49.5-49.7 | 49.7-49.8 | <49.7 | 49.7-50.2 | > 50.2 |
|----------|-------|-----------|-----------|-----------|-------|-----------|--------|
| NEW GRID | 0     | 0         | 0.1       | 0.2       | 0.1   | 62.8      | 37.1   |
| SR GRID  | 0     | 0.1       | 6.5       | 22.3      | 6.7   | 86.8      | 6.5    |

**C. Power Supply Position in States**

| RegionRegion | States            | Max. Demand Met during the day (MW) | Peak hour Shortage (MW) | Energy Met (MU) | Drawal Schedule (MU) | OD(+)/UD(-) (MU) | Max OD (MW) |
|--------------|-------------------|-------------------------------------|-------------------------|-----------------|----------------------|------------------|-------------|
| NR           | Punjab            | 4898                                | 0                       | 92.8            | 47.1                 | 0.4              | 209         |
|              | Haryana           | 4754                                | 0                       | 90.8            | 43.0                 | -5.2             | 203         |
|              | Rajasthan         | 5974                                | 0                       | 131.6           | 50.8                 | -3.3             | 0           |
|              | Delhi             | 3247                                | 0                       | 71.1            | 52.8                 | -2.5             | 99          |
|              | UP                | 9541                                | 1180                    | 208.1           | 82.7                 | -7.0             | 205         |
|              | Uttarakhand       | 1515                                | 0                       | 29.3            | 18.1                 | -1.6             | 101         |
|              | HP                | 1173                                | 0                       | 22.9            | 11.9                 | -0.1             | 165         |
|              | J&K               | 1393                                | 100                     | 30.9            | 18.4                 | 0.3              | 271         |
|              | Chandigarh        | 182                                 | 0                       | 3.7             | 4.0                  | -0.4             | 11          |
| WR           | Chhattisgarh      | 2490                                | 56                      | 55.8            | 10.6                 | -1.0             | 350         |
|              | Gujarat           | 10650                               | 11                      | 237.1           | 41.1                 | 5.3              | 587         |
|              | MP                | 6073                                | 0                       | 122.1           | 66.1                 | -2.4             | 187         |
|              | Maharashtra       | 15670                               | 57                      | 354.0           | 116.2                | 1.5              | 532         |
|              | Goa               | 340                                 | 70                      | 7.2             | 7.6                  | -0.8             | 55          |
|              | DD                | 258                                 | 0                       | 6.2             | 5.5                  | 0.7              | 45          |
|              | DNH               | 586                                 | 0                       | 14.4            | 13.8                 | 0.6              | 40          |
|              | Andhra Pradesh    | 10619                               | 1500                    | 231.2           | 72.2                 | 1.3              | 321         |
| SR           | Karnataka         | 7744                                | 800                     | 161.7           | 26.5                 | 1.3              | 342         |
|              | Kerala            | 2825                                | 500                     | 55.4            | 35.0                 | 2.4              | 241         |
|              | Tamil Nadu        | 10201                               | 1197                    | 230.3           | 74.0                 | 2.3              | 394         |
|              | Pondy             | 283                                 | 0                       | 6.2             | 7.8                  | -1.6             | 6           |
|              | Bihar             | 1673                                | 500                     | 30.0            | 35.4                 | -5.4             | 0           |
| ER           | DVC               | 2511                                | 0                       | 55.3            | -23.2                | 2.4              | 400         |
|              | Jharkhand         | 1037                                | 0                       | 17.2            | 8.7                  | -3.3             | 60          |
|              | Odisha            | 3243                                | 0                       | 59.2            | 11.6                 | 3.6              | 580         |
|              | West Bengal       | 5163                                | 0                       | 101.9           | 19.3                 | 0.1              | 400         |
|              | Sikkim            | 68                                  | 0                       | 0.8             | 1.4                  | -0.6             | 0           |
| NER          | Arunachal Pradesh | 92                                  | 6                       | 1.1             | 0.9                  | 0.1              | 57          |
|              | Assam             | 835                                 | 306                     | 15.7            | 9.5                  | 1.9              | 146         |
|              | Manipur           | 83                                  | 5                       | 1.0             | 1.0                  | 0.1              | 29          |
|              | Meghalaya         | 220                                 | 22                      | 3.7             | 2.1                  | 0.3              | 92          |
|              | Mizoram           | 49                                  | 3                       | 1.0             | 0.8                  | 0.2              | 20          |
|              | Nagaland          | 74                                  | 1                       | 1.1             | 1.1                  | 0.0              | 27          |
|              | Tripura           | 206                                 | 5                       | 3.4             | 0.9                  | 0.4              | 40          |

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

|              | NR    | WR    | SR   | ER    | NER  |
|--------------|-------|-------|------|-------|------|
| Schedule(MU) | 66.2  | -60.3 | 43.8 | -58.5 | 7.6  |
| Actual(MU)   | 55.3  | -54.4 | 43.6 | -55.8 | 10.6 |
| O/D/U/D(MU)  | -11.0 | 5.9   | -0.2 | 2.7   | 3.0  |

**E. Generation Outage(MW)**

|                | NR    | WR    | SR   | ER   | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 4834  | 6005  | 470  | 2310 | 145 | 13764 |
| State Sector   | 5885  | 8163  | 1576 | 3984 | 96  | 19704 |
| Total          | 10719 | 14168 | 2046 | 6294 | 241 | 33468 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारिषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रिड)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)

महाप्रबंधक (रा० भा० प्रे० के०)

**INTER-REGIONAL EXCHANGES**

Date of Reporting : 22-Apr-13

|                                       |               |                        |         |                 |                 | Import=(+ve) /Export =(-ve) |              |              |
|---------------------------------------|---------------|------------------------|---------|-----------------|-----------------|-----------------------------|--------------|--------------|
| 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-FATEHPUR          | S/C     | 151             | -212            | 0                           | -0.6         | -0.6         |
| 2                                     | HVDC LINK     | SASARAM B/B            | D/C     | 0               | 0               | 0                           | -4.8         | -4.8         |
| 3                                     |               | SASARAM-SARNATH        | S/C     | 0               | -108            | 0                           | 0            | 0            |
| 4                                     |               | SASARAM-ALLAHABAD      | S/C     | 0               | -148            | 0                           | 0            | 0            |
| 5                                     | 400 KV        | MUZAFFARPUR-GORAKHPUR  | D/C     | 125             | -356            | 0                           | -3           | -3           |
| 6                                     |               | PATNA-BALIA            | D/C     | 0               | -304            | 0                           | -6.9         | -6.9         |
| 7                                     |               | BIHARSHARIFF-BALIA     | D/C     | 63              | -286            | 0                           | -3.4         | -3.4         |
| 8                                     |               | BALIA-SASARAM          | S/C     | 163             | 0               | 1.6                         | 0            | 1.6          |
| 9                                     |               | PATNA-BALIA            | D/C     | 0               | -173            | 0                           | 0            | 0            |
| 10                                    | 220 KV        | SASARAM-SAHUPURI       | S/C     | 0               | -151            | 0                           | -2.5         | -2.5         |
| 11                                    | 132 KV        | SONE NAGAR-RIHAND      | S/C     | 0               | 0               | 0                           | 0            | 0            |
| 12                                    |               | GARWAH-RIHAND          | S/C     | 26              | 0               | 0.5                         | 0            | 0.5          |
| 13                                    |               | KARMANASA-SAHUPURI     | S/C     | 0               | 0               | 0                           | 0            | 0            |
| 14                                    |               | KARMANASA-CHANDAULI    | S/C     | 0               | 0               | 0                           | 0            | 0            |
| <b>ER-NR</b>                          |               |                        |         |                 |                 | <b>2</b>                    | <b>-20.9</b> | <b>-18.7</b> |
| <b>Import/Export of ER (With WR)</b>  |               |                        |         |                 |                 |                             |              |              |
| 15                                    | 400 KV        | ROURKELA-RAIGARH       | T/C     | 150             | -383            | 0.9                         | 0            | 0.9          |
| 16                                    |               | STERLITE-RAIGARH       | S/C     | 0               | -253            | 0                           | -7.4         | -7.4         |
| 17                                    |               | RANCHI-SIPAT           | D/C     | 365             | -151            | 2                           | 0.0          | 2.1          |
| 18                                    | 220 KV        | BUDHIPADAR-RAIGARH     | S/C     | 26              | -87             | 0                           | -0.7         | -0.7         |
| 19                                    |               | BUDHIPADAR-KORBA       | D/C     | 79              | -57             | 0                           | 0            | 0.1          |
| <b>ER-WR</b>                          |               |                        |         |                 |                 | <b>3.1</b>                  | <b>-8.2</b>  | <b>-5.1</b>  |
| <b>Import/Export of ER (With SR)</b>  |               |                        |         |                 |                 |                             |              |              |
| 20                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B   | D/C     | 0               | -615            | 0                           | -9.3         | -9.3         |
| 21                                    |               | TALCHER-KOLAR BIPOLE   | D/C     | 0               | -2473           | 0                           | -52.6        | -52.6        |
| 22                                    | 400 KV        | TALCHER-I/C            |         | 4               | -784            | 0                           | -12.3        | -12.3        |
| 23                                    | 220 KV        | BALIMELA-UPPER-SILERRU | S/C     | 0               | 0               | 0                           | 0            | 0            |
| <b>ER-SR</b>                          |               |                        |         |                 |                 | <b>0</b>                    | <b>-21.7</b> | <b>-21.7</b> |
| <b>Import/Export of ER (With NER)</b> |               |                        |         |                 |                 |                             |              |              |
| 24                                    | 400 KV        | BINAGURI-BONGAIGAON    | D/C     | 0               | -482            | 0                           | -8.2         | -8.2         |
| 25                                    | 220 KV        | BIRPARA-SALAKATI       | D/C     | 0               | -128            | 0                           | -1.9         | -1.9         |
| <b>ER-NER</b>                         |               |                        |         |                 |                 | <b>0</b>                    | <b>-10.1</b> | <b>-10.1</b> |
| <b>Import/Export of WR (With NR)</b>  |               |                        |         |                 |                 |                             |              |              |
| 26                                    | HVDC          | V'CHAL B/B             | D/C     | 1               | -400            | 1                           | -2           | -0.8         |
| 27                                    | 765 KV        | GWALIOR-AGRA           | D/C     | 0               | -1370           | 0                           | -20.5        | -20.5        |
| 28                                    | 400 KV        | ZERDA-KANKROLI         | S/C     | 5               | -59             | 4.9                         | 0            | 4.9          |
| 29                                    | 400 KV        | ZERDA -BHINMAL         | S/C     | 3               | -9              | 3.1                         | 0            | 3.1          |
| 30                                    | 220 KV        | BADOD-KOTA             | S/C     | 2               | 0               | 1.8                         | 0            | 1.8          |
| 31                                    |               | BADOD-MORAK            | S/C     | 1               | -8              | 0.9                         | 0            | 0.9          |
| 32                                    |               | MEHGAON-AURAIYA        | S/C     | 1               | 0               | 1.0                         | 0            | 1.0          |
| 33                                    |               | MALANPUR-AURAIYA       | S/C     | 1               | -9              | 0.5                         | 0            | 0.5          |
| 34                                    | 132KV         | GWALIOR-SAWAI MADHOPUR | S/C     | 0               | 0               | 0                           | 0            | 0            |
| <b>WR-NR</b>                          |               |                        |         |                 |                 | <b>13.5</b>                 | <b>-22.6</b> | <b>-9.1</b>  |
| 35                                    | HVDC          | APL -MHG               | D/C     | 0               | 1195            | 0                           | -27.5        | -27.5        |
| <b>Import/Export of WR (With SR)</b>  |               |                        |         |                 |                 |                             |              |              |
| 36                                    | HVDC LINK     | BHADRAWATI B/B         | -       | 0               | -1000           | 0                           | -23          | -23          |
| 37                                    |               | BARSUR-L.SILERU        | -       | 0               | 0               | 0                           | 0            | 0            |
| 38                                    | 220 KV        | KOLHAPUR-CHIKODI       | D/C     | 0               | 0               | 0                           | 0            | 0            |
| 39                                    |               | PONDA-AMBEWADI         | S/C     | 0               | 0               | 0                           | 0            | 0            |
| 40                                    |               | XELDEM-AMBEWADI        | S/C     | 1.9             | 0               | 1.9                         | 0            | 1.9          |
| <b>WR-SR</b>                          |               |                        |         |                 |                 | <b>1.9</b>                  | <b>-23</b>   | <b>-21.1</b> |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                        |         |                 |                 |                             |              |              |
| 41                                    |               | BHUTAN                 |         |                 |                 |                             |              | <b>6.1</b>   |