



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

Report for previous day

Date of Reporting

12-Apr-13

**A. Maximum Demand**

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 31868 | 38633 | 30220 | 15012 | 1573  | 117306 |
| Peak Shortage (MW)                     | 3365  | 450   | 5013  | 393   | 401   | 9622   |
| Energy Met (MU)                        | 692   | 873   | 709   | 327   | 27    | 2628   |
| Hydro Gen(MU)                          | 122   | 43    | 75    | 44    | 4     | 289    |
| Wind Gen(MU)                           | 4     | 19    | 18    | ----- | ----- | 41     |

**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         | 0.3       | 20.8      | 0.3   | 91.4      | 8.3    |
| SR GRID  | 0     | 0.1       | 18.9      | 36.3      | 19.0  | 80.8      | 0.3    |

**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            | 4836                                | 70                      | 105.1           | 47.6                 | 0.7              | 183         |
|              | Haryana           | 4800                                | 437                     | 91.9            | 51.3                 | 1.6              | 247         |
|              | Rajasthan         | 6233                                | 243                     | 141.2           | 50.8                 | -3.4             | 46          |
|              | Delhi             | 3491                                | 0                       | 74.7            | 47.3                 | -0.9             | 149         |
|              | UP                | 8808                                | 2260                    | 199.3           | 79.7                 | 2.7              | 632         |
|              | Uttarakhand       | 1316                                | 225                     | 25.4            | 14.2                 | 0.5              | 136         |
|              | HP                | 1251                                | 30                      | 23.6            | 12.3                 | 1.3              | 160         |
|              | J&K               | 1397                                | 100                     | 26.7            | 21.4                 | -1.9             | 57          |
| WR           | Chandigarh        | 205                                 | 0                       | 4.3             | 4.0                  | 0.2              | 27          |
|              | Chhattisgarh      | 3254                                | 75                      | 74.8            | 18.2                 | 4.1              | 683         |
|              | Gujarat           | 11447                               | 88                      | 264.8           | 32.0                 | -3.9             | 310         |
|              | MP                | 7385                                | 36                      | 143.0           | 68.9                 | -1.8             | 241         |
|              | Maharashtra       | 16116                               | 175                     | 361.7           | 118.8                | 2.2              | 340         |
|              | Goa               | 359                                 | 72                      | 8.0             | 7.3                  | 0.2              | 35          |
|              | DD                | 265                                 | 1                       | 6.3             | 5.3                  | 1.0              | 12          |
| SR           | DNH               | 600                                 | 3                       | 14.0            | 13.7                 | 0.3              | 18          |
|              | Andhra Pradesh    | 10830                               | 2000                    | 246.0           | 71.4                 | 2.6              | 233         |
|              | Karnataka         | 7471                                | 600                     | 162.4           | 21.5                 | 1.4              | 388         |
|              | Kerala            | 3045                                | 500                     | 60.8            | 31.2                 | 2.0              | 219         |
|              | Tamil Nadu        | 11009                               | 1913                    | 233.7           | 77.2                 | 4.0              | 553         |
|              | Pondy             | 299                                 | 0                       | 6.5             | 7.3                  | -0.8             | 6           |
| ER           | Bihar             | 1707                                | 170                     | 36.5            | 36.8                 | -0.4             | 150         |
|              | DVC               | 2525                                | 50                      | 53.8            | -22.4                | -4.6             | 280         |
|              | Jharkhand         | 942                                 | 0                       | 20.2            | 8.5                  | -0.4             | 50          |
|              | Odisha            | 3555                                | 0                       | 73.4            | 8.3                  | 1.4              | 250         |
|              | West Bengal       | 6857                                | 173                     | 141.9           | 39.5                 | 3.0              | 350         |
|              | Sikkim            | 34                                  | 0                       | 1.5             | 1.6                  | -0.1             | 12          |
| NER          | Arunachal Pradesh | 85                                  | 8                       | 1.2             | 1.0                  | 0.2              | 38          |
|              | Assam             | 925                                 | 257                     | 15.3            | 10.8                 | 0.6              | 119         |
|              | Manipur           | 95                                  | 5                       | 1.1             | 1.0                  | 0.0              | 42          |
|              | Meghalaya         | 237                                 | 25                      | 4.0             | 2.9                  | 0.0              | 46          |
|              | Mizoram           | 56                                  | 5                       | 1.0             | 0.8                  | 0.2              | 16          |
|              | Nagaland          | 52                                  | 8                       | 0.9             | 0.8                  | 0.1              | 18          |
|              | Tripura           | 175                                 | 46                      | 3.2             | 0.6                  | 0.6              | 41          |

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

|              | NR   | WR    | SR   | ER    | NER  |
|--------------|------|-------|------|-------|------|
| Schedule(MU) | 56.7 | -66.5 | 47.9 | -52.0 | 9.0  |
| Actual(MU)   | 66.0 | -71.4 | 47.8 | -53.6 | 10.8 |
| O/D/U/D(MU)  | 9.3  | -4.9  | -0.1 | -1.6  | 1.8  |

**E. Generation Outage(MW)**

|                | NR    | WR    | SR   | ER   | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 4584  | 7268  | 970  | 2310 | 160 | 15292 |
| State Sector   | 6030  | 6271  | 1306 | 3629 | 96  | 17331 |
| Total          | 10614 | 13539 | 2276 | 5939 | 256 | 32623 |

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

महाप्रबंधक (रा० भा० प्रे० के०)

**INTER-REGIONAL EXCHANGES**

Date of Reporting : 12-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     | 161             | -128            | 0                           | -0.6         | -0.6         |
| 2                                     | HVDC LINK     | SASARAM B/B            | D/C     | 0               | 0               | 0                           | -3.6         | -3.6         |
| 3                                     |               | SASARAM-SARNATH        | S/C     | 0               | -75             | 0                           | 0            | 0            |
| 4                                     |               | SASARAM-ALLAHABAD      | S/C     | 0               | -142            | 0                           | 0            | 0            |
| 5                                     | 400 KV        | MUZAFFARPUR-GORAKHPUR  | D/C     | 190             | -326            | 0                           | -3           | -3           |
| 6                                     |               | PATNA-BALIA            | D/C     | 0               | -278            | 0                           | -7.8         | -7.8         |
| 7                                     |               | BIHARSHARIFF-BALIA     | D/C     | 124             | -209            | 0                           | -2.9         | -2.9         |
| 8                                     |               | BALIA-SASARAM          | S/C     | 175             | 0               | 2.0                         | 0            | 2.0          |
| 9                                     |               | PATNA-BALIA            | D/C     | 0               | -290            | 0                           | 0            | 0            |
| 10                                    | 220 KV        | SASARAM-SAHUPURI       | S/C     | 0               | -166            | 0                           | -3.0         | -3.0         |
| 11                                    | 132 KV        | SONE NAGAR-RIHAND      | S/C     | 0               | 0               | 0                           | 0            | 0            |
| 12                                    |               | GARWAH-RIHAND          | S/C     | 49              | 0               | 1.0                         | 0            | 1.0          |
| 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>3</b>                    | <b>-20.7</b> | <b>-17.8</b> |
| <b>Import/Export of ER (With WR)</b>  |               |                        |         |                 |                 |                             |              |              |
| 15                                    | 400 KV        | ROURKELA-RAIGARH       | T/C     | 322             | -390            | 2.1                         | 0            | 2.1          |
| 16                                    |               | STERLITE-RAIGARH       | S/C     | 0               | -322            | 0                           | -8.7         | -8.7         |
| 17                                    |               | RANCHI-SIPAT           | D/C     | 331             | -25             | 5                           | 0.0          | 5.0          |
| 18                                    | 220 KV        | BUDHIPADAR-RAIGARH     | S/C     | 52              | -108            | 0                           | -1.1         | -1.1         |
| 19                                    |               | BUDHIPADAR-KORBA       | D/C     | 58              | -119            | 0                           | 0            | 0.5          |
| <b>ER-WR</b>                          |               |                        |         |                 |                 | <b>7.6</b>                  | <b>-9.8</b>  | <b>-2.2</b>  |
| <b>Import/Export of ER (With SR)</b>  |               |                        |         |                 |                 |                             |              |              |
| 20                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B   | D/C     | 0               | -374            | -8.97                       | -9.0         | -9.0         |
| 21                                    |               | TALCHER-KOLAR BIPOLE   | D/C     | 0               | -1771           | 0                           | -39.2        | -39.2        |
| 22                                    | 400 KV        | TALCHER-1/C            |         | 0               | -815            | 0                           | -13.6        | -13.6        |
| 23                                    | 220 KV        | BALIMELA-UPPER-SILERRU | S/C     | 0               | 0               | 0                           | 0            | 0            |
| <b>ER-SR</b>                          |               |                        |         |                 |                 | <b>-9</b>                   | <b>-22.6</b> | <b>-22.6</b> |
| <b>Import/Export of ER (With NER)</b> |               |                        |         |                 |                 |                             |              |              |
| 24                                    | 400 KV        | BINAGURI-BONGAIGAON    | D/C     | 0               | -533            | 0                           | -9.0         | -9.0         |
| 25                                    | 220 KV        | BIRPARA-SALAKATI       | D/C     | 0               | -116            | 0                           | -2.0         | -2.0         |
| <b>ER-NER</b>                         |               |                        |         |                 |                 | <b>0</b>                    | <b>-10.9</b> | <b>-10.9</b> |
| <b>Import/Export of WR (With NR)</b>  |               |                        |         |                 |                 |                             |              |              |
| 26                                    | HVDC          | V'CHAL B/B             | D/C     | 0               | -400            | 0                           | -5           | -4.6         |
| 27                                    | 765 KV        | GWALIOR-AGRA           | D/C     | 0               | -1438           | 0                           | -24.0        | -24.0        |
| 28                                    | 400 KV        | ZERDA-KANKROLI         | S/C     | 3               | -59             | 3.1                         | 0            | 3.1          |
| 29                                    | 400 KV        | ZERDA -BHINMAL         | S/C     | 2               | -24             | 1.6                         | 0            | 1.6          |
| 30                                    | 220 KV        | BADOD-KOTA             | S/C     | 2               | 0               | 2.0                         | 0            | 2.0          |
| 31                                    |               | BADOD-MORAK            | S/C     | 1               | 0               | 1.3                         | 0            | 1.3          |
| 32                                    |               | MEHGAON-AURAIYA        | S/C     | 1               | 0               | 0.9                         | 0            | 0.9          |
| 33                                    |               | MALANPUR-AURAIYA       | S/C     | 0               | -10             | 0.4                         | 0            | 0.4          |
| 34                                    | 132KV         | GWALIOR-SAWAI MADHOPUR | S/C     | 0               | 0               | 0                           | 0            | 0            |
| <b>WR-NR</b>                          |               |                        |         |                 |                 | <b>9.3</b>                  | <b>-28.6</b> | <b>-19.3</b> |
| 35                                    | HVDC          | APL -MHG               | D/C     | 0               | 1303            | 0                           | -31.6        | -31.6        |
| <b>Import/Export of WR (With SR)</b>  |               |                        |         |                 |                 |                             |              |              |
| 36                                    | HVDC LINK     | BHADRAWATI B/B         | -       | 0               | -968            | 0                           | -23          | -24          |
| 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>-21.6</b> |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                        |         |                 |                 |                             |              |              |
| 41                                    |               | BHUTAN                 |         |                 |                 |                             |              | 6.6          |