



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

Report for previous day

Date of Reporting

12-Feb-14

**A. Maximum Demand**

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 36222 | 39054 | 32829 | 14411 | 1799  | 124315 |
| Peak Shortage (MW)                     | 3206  | 89    | 2327  | 421   | 289   | 6332   |
| Energy Met (MU)                        | 783   | 899   | 782   | 297   | 32    | 2794   |
| Hydro Gen(MU)                          | 97    | 54    | 92    | 17    | 4     | 264    |
| Wind Gen(MU)                           | 4     | 14    | 10    | ----- | ----- | 28     |

**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   | 0.0       | 0.0       | 0.0       | 0.0   | 95.3      | 4.7    |
| SR GRID  | 0.0   | 0.0       | 0.0       | 0.0       | 0.0   | 95.3      | 4.7    |

NEW and SR grid running in synchronisation.

**C. Power Supply Position in States**

| Region/Region | 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            | 4972                                | 38                      | 90.4            | 39.2                 | 1.5              | 211         |
|               | Haryana           | 5673                                | 0                       | 105.1           | 62.9                 | 0.1              | 296         |
|               | Rajasthan         | 9751                                | 328                     | 200.0           | 100.9                | -1.7             | 204         |
|               | Delhi             | 3387                                | 0                       | 60.3            | 41.2                 | -2.1             | 334         |
|               | UP                | 10082                               | 2700                    | 225.9           | 90.2                 | -1.4             | 312         |
|               | Uttarakhand       | 1757                                | 40                      | 34.4            | 25.1                 | 1.3              | 148         |
|               | HP                | 1317                                | 0                       | 24.0            | 19.3                 | -0.4             | 70          |
|               | J&K               | 1792                                | 100                     | 39.7            | 33.3                 | 0.2              | 167         |
| WR            | Chhattisgarh      | 3209                                | 24                      | 67.7            | 21.4                 | -2.8             | 394         |
|               | Gujarat           | 10911                               | 7                       | 238.8           | 33.5                 | -2.3             | 429         |
|               | MP                | 9285                                | 3                       | 182.4           | 93.9                 | -0.6             | 293         |
|               | Maharashtra       | 18167                               | 55                      | 377.9           | 114.3                | 4.5              | 720         |
|               | Goa               | 398                                 | 0                       | 7.8             | 7.3                  | -0.2             | 44          |
|               | DD                | 243                                 | 0                       | 5.8             | 5.5                  | 0.3              | 35          |
|               | DNH               | 615                                 | 0                       | 14.6            | 14.3                 | 0.3              | 40          |
|               | Essar steel       | 233                                 | 0                       | 4.3             | 4.6                  | -0.3             | 26          |
| SR            | Andhra Pradesh    | 11716                               | 800                     | 266.4           | 84.7                 | 8.4              | 585         |
|               | Karnataka         | 9000                                | 600                     | 193.2           | 22.7                 | 1.1              | 552         |
|               | Kerala            | 3333                                | 150                     | 61.2            | 31.2                 | 3.0              | 193         |
|               | Tamil Nadu        | 11620                               | 777                     | 255.1           | 90.3                 | 1.3              | 287         |
|               | Pondy             | 317                                 | 0                       | 6.1             | 6.4                  | -0.3             | 18          |
| ER            | Bihar             | 1979                                | 400                     | 39.9            | 37.8                 | 0.6              | 120         |
|               | DVC               | 2555                                | 0                       | 55.9            | -13.3                | -0.8             | 200         |
|               | Jharkhand         | 1028                                | 0                       | 20.6            | 11.3                 | -1.6             | 50          |
|               | Odisha            | 3455                                | 0                       | 65.0            | 8.2                  | 1.1              | 210         |
|               | West Bengal       | 6196                                | 21                      | 114.4           | 21.9                 | 4.3              | 400         |
| NER           | Sikkim            | 91                                  | 0                       | 1.4             | 1.2                  | 0.2              | 20          |
|               | Arunachal Pradesh | 114                                 | 6                       | 1.6             | 1.4                  | 0.2              | 41          |
|               | Assam             | 980                                 | 193                     | 18.8            | 11.8                 | 2.6              | 202         |
|               | Manipur           | 108                                 | 2                       | 1.5             | 1.6                  | -0.1             | 31          |
|               | Meghalaya         | 295                                 | 3                       | 4.8             | 3.3                  | 0.4              | 76          |
|               | Mizoram           | 73                                  | 2                       | 1.2             | 1.0                  | -0.1             | 22          |
|               | Nagaland          | 93                                  | 4                       | 1.6             | 1.6                  | -0.3             | 22          |
| Tripura       | 200               | 1                                   | 2.8                     | 0.6             | -0.4                 | 15               |             |

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

|            | Bhutan | Nepal | Bangladesh |
|------------|--------|-------|------------|
| Actual(MU) | 1.5    | -2.6  | -11.3      |
| Max MW     |        | -92.0 | -469.0     |

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

|              | NR    | WR     | SR   | ER    | NER |
|--------------|-------|--------|------|-------|-----|
| Schedule(MU) | 134.6 | -112.3 | 26.6 | -57.6 | 5.0 |
| Actual(MU)   | 131.6 | -118.3 | 26.5 | -48.9 | 7.1 |
| O/D/U/D(MU)  | -3.0  | -6.0   | -0.1 | 8.7   | 2.1 |

**F. Generation Outage(MW)**

|                | NR   | WR    | SR   | ER   | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 2146 | 4116  | 500  | 1470 | 315 | 8547  |
| State Sector   | 6870 | 9765  | 1430 | 5364 | 110 | 23539 |
| Total          | 9016 | 13881 | 1930 | 6834 | 425 | 32086 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(वि०प्रा०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

| <b>INTER-REGIONAL EXCHANGES</b>       |               |                        |         |                 |                 |                               |              |              |
|---------------------------------------|---------------|------------------------|---------|-----------------|-----------------|-------------------------------|--------------|--------------|
|                                       |               |                        |         |                 |                 | Date of Reporting : 12-Feb-14 |              |              |
|                                       |               |                        |         |                 |                 | 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     | 111             | -219            | 0                             | -1.7         | -1.7         |
| 2                                     |               | SASARAM-FATEHPUR       | D/C     | 0               | 0               | 0                             | -3.0         | -3.0         |
| 3                                     | HVDC LINK     | PUSAULI B/B            | S/C     | 0               | 0               | 0                             | 0            | 0            |
| 4                                     | 400 KV        | PUSAULI-SARNATH        | S/C     | 334             | -263            | 0                             | -1           | -1           |
| 5                                     |               | PUSAULI -ALLAHABAD     | D/C     | 124             | -209            | 0                             | -2           | -2           |
| 6                                     |               | MUZAFFARPUR-GORAKHPUR  | D/C     | 179             | -364            | 0                             | -4.1         | -4.1         |
| 7                                     |               | PATNA-BALIA            | D/C     | 0               | -431            | 0                             | -13.1        | -13.1        |
| 8                                     |               | BIHARSHARIFF-BALIA     | S/C     | 0               | -418            | 0                             | -7           | -6.7         |
| 9                                     | 220 KV        | PUSAULI-BALIA          | D/C     | 171             | -60             | 1                             | 0            | 1            |
| 10                                    | 132 KV        | PUSAULI-SAHUPURI       | S/C     | 0               | -199            | 0                             | -3.0         | -3.0         |
| 11                                    |               | SONE NAGAR-RIHAND      | S/C     | 0               | 0               | 0                             | 0            | 0            |
| 12                                    |               | GARWAH-RIHAND          | S/C     | 42              | 0               | 1                             | 0            | 0.6          |
| 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>-35.3</b> | <b>-33.3</b> |
| <b>Import/Export of ER (With WR)</b>  |               |                        |         |                 |                 |                               |              |              |
| 15                                    | 400 KV        | JHARSUGUDA-RAIGARH     | D/C     | 383             | -535            | 1.0                           | 0            | 1.0          |
| 16                                    |               | STERLITE-RAIGARH       | D/C     | 4               | -152            | 0                             | -2.7         | -2.7         |
| 17                                    |               | RANCHI-SIPAT           | D/C     | 481             | -140            | 3                             | 0.0          | 3.4          |
| 18                                    | 220 KV        | BUDHIPADAR-RAIGARH     | S/C     | 0               | -193            | 0                             | -3.1         | -3.1         |
| 19                                    |               | BUDHIPADAR-KORBA       | D/C     | 42              | -105            | 0                             | -1           | -1.0         |
| <b>ER-WR</b>                          |               |                        |         |                 |                 | <b>4.4</b>                    | <b>-6.8</b>  | <b>-2.4</b>  |
| <b>Import/Export of ER (With SR)</b>  |               |                        |         |                 |                 |                               |              |              |
| 20                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B   | D/C     | 0               | -838            | 0                             | -12.3        | -12.3        |
| 21                                    | 400 KV        | TALCHER-KOLAR BIPOLE   | D/C     | 0               | -1778           | 0                             | -37.9        | -37.9        |
| 22                                    |               | TALCHER-I/C            |         | 784             | 0               | 8                             | 0.0          | 7.6          |
| 23                                    | 220 KV        | BALIMELA-UPPER-SILERRU | S/C     | 0               | 0               | 0                             | 0            | 0            |
| <b>ER-SR</b>                          |               |                        |         |                 |                 | <b>8</b>                      | <b>-12.3</b> | <b>-4.7</b>  |
| <b>Import/Export of ER (With NER)</b> |               |                        |         |                 |                 |                               |              |              |
| 24                                    | 400 KV        | BINAGURI-BONGAIGAON    | D/C     | 0               | -493            | 0                             | -6.5         | -6.5         |
| 25                                    | 220 KV        | BIRPARA-SALAKATI       | D/C     | 0               | -134            | 0                             | -1.2         | -1.2         |
| <b>ER-NER</b>                         |               |                        |         |                 |                 | <b>0</b>                      | <b>-7.7</b>  | <b>-7.7</b>  |
| <b>Import/Export of WR (With NR)</b>  |               |                        |         |                 |                 |                               |              |              |
| 26                                    | HVDC          | V'CHAL B/B             | D/C     | 0               | -500            | 0                             | -10          | -10.2        |
| 27                                    | 765 KV        | GWALIOR-AGRA           | D/C     | 0               | -2030           | 0                             | -35.8        | -35.8        |
| 28                                    | 400 KV        | ZERDA-KANKROLI         | S/C     | 148             | -59             | 0.0                           | -1           | -0.9         |
| 29                                    | 400 KV        | ZERDA -BHINMAL         | S/C     | 25              | -374            | 0.0                           | -5           | -4.6         |
| 30                                    | 220 KV        | BADOD-KOTA             | S/C     | 67              | -21             | 0.6                           | 0            | 0.6          |
| 31                                    |               | BADOD-MORAK            | S/C     | 40              | -46             | 0.1                           | 0            | -0.2         |
| 32                                    |               | MEHGAON-AURAIYA        | S/C     | 77              | 0               | 1.4                           | 0            | 1.4          |
| 33                                    |               | MALANPUR-AURAIYA       | S/C     | 39              | 0               | 0.6                           | 0            | 0.6          |
| 34                                    | 132KV         | GWALIOR-SAWAI MADHOPUR | S/C     | 0               | 0               | 0                             | 0            | 0            |
| <b>WR-NR</b>                          |               |                        |         |                 |                 | <b>2.7</b>                    | <b>-51.8</b> | <b>-49.1</b> |
| 35                                    | HVDC          | APL -MHG               | D/C     | 0               | 2000            | 0                             | -48.3        | -48.3        |
| <b>Import/Export of WR (With SR)</b>  |               |                        |         |                 |                 |                               |              |              |
| 36                                    | HVDC LINK     | BHADRAWATI B/B         | -       | 0               | -1000           | 0                             | -22.6        | -23          |
| 37                                    | 765 KV        | BARSUR-L.SILERU        | -       | 0               | 0               | 0                             | 0            | 0.0          |
| 38                                    |               | SOLAPUR-RAICHUR        | I       | 355             | -373            | 0                             | -0.2         | -0.2         |
| 39                                    | 220 KV        | KOLHAPUR-CHIKODI       | D/C     | 0               | 0               | 0                             | 0            | 0.0          |
| 40                                    |               | PONDA-AMBEWADI         | S/C     | 0               | 0               | 0                             | 0            | 0.0          |
| 41                                    |               | XELDEM-AMBEWADI        | S/C     | 102             | 0               | 2.1                           | 0.0          | 2.1          |
| <b>WR-SR</b>                          |               |                        |         |                 |                 | <b>2.1</b>                    | <b>-23</b>   | <b>-20.7</b> |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                        |         |                 |                 |                               |              |              |
| 42                                    |               | BHUTAN                 |         |                 |                 |                               |              | <b>1.5</b>   |
| 43                                    |               | NEPAL                  |         |                 |                 |                               |              | <b>-2.6</b>  |
| 44                                    |               | BANGLADESH             |         |                 |                 |                               |              | <b>-11.3</b> |