



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

Report for previous day

Date of Reporting

18-Feb-14

A. Maximum Demand

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 35509 | 36761 | 33374 | 14795 | 1921  | 122360 |
| Peak Shortage (MW)                     | 1822  | 394   | 2183  | 0     | 124   | 4523   |
| Energy Met (MU)                        | 756   | 857   | 773   | 279   | 29    | 2695   |
| Hydro Gen(MU)                          | 104   | 67    | 96    | 22    | 5     | 295    |
| Wind Gen(MU)                           | 5     | 19    | 9     | ----- | ----- | 34     |

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 | 0.0   | 0.0   | 0.7       | 5.8       | 6.5   | 33.1       | 60.4    |
| SR GRID  | 0.0   | 0.0   | 0.7       | 5.8       | 6.5   | 33.1       | 60.4    |

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            | 5001                                | 0                       | 94.6            | 35.5                 | 3.0              | 363         |
|               | Haryana           | 5143                                | 0                       | 96.4            | 59.8                 | 1.1              | 387         |
|               | Rajasthan         | 9530                                | 137                     | 181.7           | 84.0                 | -2.2             | 86          |
|               | Delhi             | 3616                                | 0                       | 60.7            | 39.8                 | -0.5             | 578         |
|               | UP                | 10379                               | 1510                    | 223.7           | 83.9                 | 1.0              | 451         |
|               | Uttarakhand       | 1695                                | 75                      | 32.7            | 20.7                 | 2.7              | 260         |
|               | HP                | 1274                                | 0                       | 23.5            | 18.1                 | 0.0              | 88          |
|               | J&K               | 1835                                | 100                     | 39.5            | 32.5                 | 0.9              | 134         |
| WR            | Chandigarh        | 212                                 | 0                       | 3.6             | 3.3                  | 0.4              | 38          |
|               | Chhattisgarh      | 3055                                | 32                      | 62.1            | 15.5                 | -4.2             | 351         |
|               | Gujarat           | 10892                               | 18                      | 233.3           | 52.5                 | -1.8             | 340         |
|               | MP                | 8306                                | 20                      | 162.0           | 75.7                 | 0.2              | 337         |
|               | Maharashtra       | 16940                               | 319                     | 363.7           | 111.3                | 2.1              | 439         |
|               | Goa               | 393                                 | 1                       | 7.6             | 7.3                  | -0.2             | 62          |
|               | DD                | 230                                 | 1                       | 5.7             | 5.4                  | 0.3              | 55          |
|               | DNH               | 618                                 | 2                       | 14.3            | 14.4                 | -0.1             | 54          |
| SR            | Essar steel       | 376                                 | 1                       | 8.2             | 8.2                  | 0.0              | 26          |
|               | Andhra Pradesh    | 11838                               | 400                     | 261.6           | 90.3                 | 7.1              | 583         |
|               | Karnataka         | 8977                                | 400                     | 190.0           | 18.2                 | 1.0              | 271         |
|               | Kerala            | 3326                                | 75                      | 61.2            | 31.7                 | 2.9              | 245         |
|               | Tamil Nadu        | 11577                               | 1308                    | 254.1           | 93.9                 | 4.5              | 472         |
|               | Pondy             | 306                                 | 0                       | 5.9             | 6.1                  | -0.2             | 14          |
| ER            | Bihar             | 2135                                | 0                       | 39.2            | 39.1                 | -1.2             | 185         |
|               | DVC               | 2560                                | 0                       | 56.6            | -19.1                | -1.0             | 325         |
|               | Jharkhand         | 1019                                | 0                       | 21.2            | 11.1                 | -0.9             | 105         |
|               | Odisha            | 3504                                | 0                       | 59.5            | 5.0                  | 0.1              | 285         |
|               | West Bengal       | 5839                                | 0                       | 101.5           | 18.6                 | 1.6              | 365         |
| NER           | Sikkim            | 100                                 | 0                       | 1.4             | 1.2                  | 0.2              | 40          |
|               | Arunachal Pradesh | 110                                 | 5                       | 1.6             | 1.4                  | 0.2              | 34          |
|               | Assam             | 1060                                | 82                      | 17.4            | 11.7                 | 0.4              | 114         |
|               | Manipur           | 119                                 | 1                       | 1.5             | 1.5                  | 0.0              | 18          |
|               | Meghalaya         | 287                                 | 3                       | 4.8             | 3.4                  | 0.2              | 61          |
|               | Mizoram           | 75                                  | 1                       | 1.0             | 1.0                  | -0.2             | 18          |
|               | Nagaland          | 95                                  | 5                       | 1.5             | 1.5                  | -0.3             | 22          |
| Tripura       | 192               | 0                                   | 1.4                     | -0.1            | 0.2                  | 42               |             |

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

|            | Bhutan | Nepal  | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 2.5    | -2.5   | -11.5      |
| Max MW     |        | -135.0 | -479.0     |

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

|              | NR    | WR     | SR   | ER    | NER |
|--------------|-------|--------|------|-------|-----|
| Schedule(MU) | 120.0 | -98.7  | 30.0 | -60.0 | 5.5 |
| Actual(MU)   | 120.2 | -102.8 | 35.4 | -62.7 | 5.7 |
| O/D/U/D(MU)  | 0.2   | -4.1   | 5.4  | -2.7  | 0.2 |

F. Generation Outage(MW)

|                | NR   | WR    | SR   | ER   | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 2871 | 5700  | 500  | 1470 | 315 | 10856 |
| State Sector   | 6445 | 11345 | 1370 | 5164 | 110 | 24434 |
| Total          | 9316 | 17045 | 1870 | 6634 | 425 | 35290 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(त्रि०प्र०)/  
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

| <b>INTER-REGIONAL EXCHANGES</b>       |               |                        |         |                 |                 |                               |              |              |
|---------------------------------------|---------------|------------------------|---------|-----------------|-----------------|-------------------------------|--------------|--------------|
|                                       |               |                        |         |                 |                 | Date of Reporting : 18-Feb-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     | 116             | -199            | 0                             | -1.9         | -1.9         |
| 2                                     |               | SASARAM-FATEHPUR       | D/C     | 0               | 0               | 0                             | -3.0         | -3.0         |
| 3                                     | HVDC LINK     | PUSAULI B/B            | S/C     | 0               | 0               | 0                             | -7           | -7           |
| 4                                     | 400 KV        | PUSAULI-SARNATH        | S/C     | 0               | -171            | 0                             | 0            | 0            |
| 5                                     |               | PUSAULI -ALLAHABAD     | D/C     | 0               | -201            | 0                             | 0            | 0            |
| 6                                     |               | MUZAFFARPUR-GORAKHPUR  | D/C     | 99              | -376            | 0                             | -4.9         | -4.9         |
| 7                                     |               | PATNA-BALIA            | D/C     | 0               | -370            | 0                             | -11.1        | -11.1        |
| 8                                     |               | BIHARSHARIFF-BALIA     | S/C     | 0               | -439            | 0                             | -7           | -6.8         |
| 9                                     | 220 KV        | PUSAULI-BALIA          | D/C     | 137             | 0               | 2                             | 0            | 2            |
| 10                                    |               | PUSAULI-SAHUPURI       | S/C     | 0               | -222            | 0                             | -3.9         | -3.9         |
| 11                                    | 132 KV        | SONE NAGAR-RIHAND      | S/C     | 0               | 0               | 0                             | 0            | 0            |
| 12                                    |               | GARWAH-RIHAND          | S/C     | 26              | 0               | 1                             | 0            | 0.6          |
| 13                                    |               | KARMANASA-SAHUPURI     | S/C     | 2               | 0               | 0                             | 0            | 0            |
| 14                                    |               | KARMANASA-CHANDALI     | S/C     | 0               | 0               | 0                             | 0            | 0            |
| <b>ER-NR</b>                          |               |                        |         |                 |                 | <b>3</b>                      | <b>-38.7</b> | <b>-36.1</b> |
| <b>Import/Export of ER (With WR)</b>  |               |                        |         |                 |                 |                               |              |              |
| 15                                    | 400 KV        | JHARSUGUDA-RAIGARH     | D/C     | 197             | -256            | 0.7                           | 0            | 0.7          |
| 16                                    |               | STERLITE-RAIGARH       | D/C     | 0               | -74             | 0                             | -4.3         | -4.3         |
| 17                                    |               | RANCHI-SIPAT           | D/C     | 284             | -153            | 1                             | 0.0          | 0.6          |
| 18                                    | 220 KV        | BUDHIPADAR-RAIGARH     | S/C     | 0               | -190            | 0                             | -2.9         | -2.9         |
| 19                                    |               | BUDHIPADAR-KORBA       | D/C     | 57              | -90             | 0                             | 0            | -0.4         |
| <b>ER-WR</b>                          |               |                        |         |                 |                 | <b>1.3</b>                    | <b>-7.6</b>  | <b>-6.3</b>  |
| <b>Import/Export of ER (With SR)</b>  |               |                        |         |                 |                 |                               |              |              |
| 20                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B   | D/C     | 0               | -716            | 0                             | -14.7        | -14.7        |
| 21                                    |               | TALCHER-KOLAR BIPOLE   | D/C     | 0               | -1729           | 0                             | -35.9        | -35.9        |
| 22                                    | 400 KV        | TALCHER-I/C            |         | 529             | -502            | 1                             | 0.0          | 1.4          |
| 23                                    | 220 KV        | BALIMELA-UPPER-SILERRU | S/C     | 0               | 0               | 0                             | 0            | 0            |
| <b>ER-SR</b>                          |               |                        |         |                 |                 | <b>1</b>                      | <b>-14.7</b> | <b>-13.4</b> |
| <b>Import/Export of ER (With NER)</b> |               |                        |         |                 |                 |                               |              |              |
| 24                                    | 400 KV        | BINAGURI-BONGAIGAON    | D/C     | 0               | -410            | 0                             | -5.0         | -5.0         |
| 25                                    | 220 KV        | BIRPARA-SALAKATI       | D/C     | 0               | -106            | 0                             | -1.2         | -1.2         |
| <b>ER-NER</b>                         |               |                        |         |                 |                 | <b>0</b>                      | <b>-6.3</b>  | <b>-6.3</b>  |
| <b>Import/Export of WR (With NR)</b>  |               |                        |         |                 |                 |                               |              |              |
| 26                                    | HVDC          | V'CHAL B/B             | D/C     | 0               | -500            | 0                             | -9           | -9.3         |
| 27                                    | 765 KV        | GWALIOR-AGRA           | D/C     | 0               | -1786           | 0                             | -31.3        | -31.3        |
| 28                                    | 400 KV        | ZERDA-KANKROLI         | S/C     | 337             | -59             | 1.1                           | 0            | 1.1          |
| 29                                    | 400 KV        | ZERDA -BHINMAL         | S/C     | 224             | -290            | 0.0                           | -2           | -2.1         |
| 30                                    | 220 KV        | BADOD-KOTA             | S/C     | 92              | -14             | 0.9                           | 0            | 0.9          |
| 31                                    |               | BADOD-MORAK            | S/C     | 55              | -53             | 0.3                           | 0            | 0.0          |
| 32                                    |               | MEHGAON-AURAIYA        | S/C     | 65              | 0               | 1.3                           | 0            | 1.3          |
| 33                                    |               | MALANPUR-AURAIYA       | S/C     | 40              | 0               | 0.6                           | 0            | 0.6          |
| 34                                    | 132KV         | GWALIOR-SAWAI MADHOPUR | S/C     | 0               | 0               | 0                             | 0            | 0            |
| <b>WR-NR</b>                          |               |                        |         |                 |                 | <b>4.2</b>                    | <b>-43.0</b> | <b>-38.8</b> |
| 35                                    | HVDC          | APL -MHG               | D/C     | 0               | 2000            | 0                             | -38.3        | -38.3        |
| <b>Import/Export of WR (With SR)</b>  |               |                        |         |                 |                 |                               |              |              |
| 36                                    | HVDC LINK     | BHADRAWATI B/B         | -       | 0               | -1000           | 0                             | -21.1        | -21          |
| 37                                    |               | BARSUR-L.SILERU        | -       | 0               | 0               | 0                             | 0            | 0.0          |
| 38                                    | 765 KV        | SOLAPUR-RAICHUR        | I       | 400             | -357            | 0                             | 0.3          | 0.0          |
| 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     | 100             | 0               | 2.0                           | 0.0          | 2.0          |
| <b>WR-SR</b>                          |               |                        |         |                 |                 | <b>2.0</b>                    | <b>-21</b>   | <b>-19.1</b> |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                        |         |                 |                 |                               |              |              |
| 42                                    |               | BHUTAN                 |         |                 |                 |                               |              | <b>2.5</b>   |
| 43                                    |               | NEPAL                  |         |                 |                 |                               |              | <b>-2.5</b>  |
| 44                                    |               | BANGLADESH             |         |                 |                 |                               |              | <b>-11.5</b> |