

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

Report for previous day

Date of Reporting

8-Feb-15

A. Maximum Demand

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 36608 | 39272 | 33763 | 14417 | 2144  | 126204 |
| Peak Shortage (MW)                     | 2164  | 355   | 2431  | 325   | 147   | 5422   |
| Energy Met (MU)                        | 789   | 921   | 797   | 307   | 36    | 2850   |
| Hydro Gen(MU)                          | 95    | 53    | 73    | 16    | 5     | 242    |
| Wind Gen(MU)                           | 5     | 20    | 25    | ----- | ----- | 50     |

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  | 0.00  | 0.72      | 9.80      | 10.52 | 56.81      | 32.67   |
| SR GRID  | 0.00  | 0.00  | 0.72      | 9.80      | 10.52 | 56.81      | 32.67   |

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            | 4778                                | 0                                   | 88.5            | 41.8                 | 0.3              | 145         |
|               | Haryana           | 6035                                | 0                                   | 110.0           | 47.9                 | -0.5             | 230         |
|               | Rajasthan         | 9888                                | 0                                   | 209.2           | 64.9                 | 2.9              | 496         |
|               | Delhi             | 3142                                | 0                                   | 53.3            | 39.3                 | -1.2             | 270         |
|               | UP                | 9428                                | 2875                                | 222.2           | 94.6                 | 0.5              | 501         |
|               | Uttarakhand       | 1823                                | 80                                  | 34.4            | 24.6                 | 0.6              | 133         |
|               | HP                | 1417                                | 0                                   | 25.2            | 21.1                 | -0.2             | 94          |
|               | J&K               | 1966                                | 347                                 | 42.6            | 36.8                 | 1.4              | 246         |
| WR            | Chhattisgarh      | 201                                 | 0                                   | 3.6             | 3.6                  | 0.3              | 16          |
|               | Gujarat           | 3218                                | 96                                  | 71.8            | 22.9                 | 0.4              | 270         |
|               | MP                | 12373                               | 0                                   | 266.1           | 51.9                 | 1.5              | 365         |
|               | Maharashtra       | 8884                                | 0                                   | 171.0           | 93.1                 | -1.9             | 118         |
|               | Goa               | 18069                               | 955                                 | 374.1           | 122.6                | 0.6              | 661         |
|               | DD                | 399                                 | 0                                   | 8.1             | 7.2                  | 0.3              | 39          |
|               | DNH               | 274                                 | 0                                   | 6.1             | 6.0                  | 0.1              | 20          |
|               | Essar steel       | 672                                 | 0                                   | 15.6            | 15.3                 | 0.6              | 32          |
| SR            | Andhra Pradesh    | 395                                 | 0                                   | 7.8             | 7.2                  | 0.6              | 107         |
|               | Telangana         | 6331                                | 0                                   | 143.3           | 27.3                 | 1.9              | 362         |
|               | Karnataka         | 6087                                | 600                                 | 133.4           | 78.2                 | 3.2              | 638         |
|               | Kerala            | 8980                                | 300                                 | 193.0           | 27.6                 | 3.6              | 414         |
|               | Tamil Nadu        | 3345                                | 125                                 | 63.6            | 45.0                 | 2.3              | 223         |
|               | Pondy             | 11732                               | 1306                                | 257.6           | 97.0                 | 1.8              | 496         |
|               | Bihar             | 297                                 | 0                                   | 5.9             | 5.9                  | 0.0              | 27          |
| ER            | DVC               | 2604                                | 0                                   | 56.2            | 50.3                 | 0.1              | 190         |
|               | Jharkhand         | 2204                                | 0                                   | 55.0            | -14.1                | 1.2              | 200         |
|               | Odisha            | 1059                                | 0                                   | 22.5            | 10.4                 | 0.1              | 80          |
|               | West Bengal       | 3482                                | 100                                 | 65.3            | 22.2                 | 2.4              | 360         |
|               | Sikkim            | 5966                                | 0                                   | 105.9           | 15.3                 | 2.5              | 310         |
| NER           | Arunachal Pradesh | 88                                  | 0                                   | 1.9             | 1.2                  | 0.7              | 40          |
|               | Assam             | 110                                 | 2                                   | 2.0             | 1.3                  | 0.7              | 37          |
|               | Manipur           | 1170                                | 100                                 | 19.8            | 13.8                 | 1.0              | 139         |
|               | Meghalaya         | 136                                 | 0                                   | 2.1             | 2.2                  | -0.1             | 38          |
|               | Mizoram           | 341                                 | 1                                   | 5.3             | 5.3                  | -1.1             | 35          |
|               | Nagaland          | 85                                  | 5                                   | 1.3             | 1.0                  | 0.3              | 26          |
|               | Tripura           | 117                                 | 7                                   | 2.4             | 1.5                  | 0.7              | 34          |
|               | 208               | 2                                   | 3.3                                 | 0.3             | 0.8                  | 60               |             |

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

|            | Bhutan | Nepal  | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 2.3    | -3.9   | -10.5      |
| Max MW     |        | -185.0 | -463.0     |

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

|              | NR    | WR     | SR   | ER    | NER  | TOTAL |
|--------------|-------|--------|------|-------|------|-------|
| Schedule(MU) | 106.4 | -101.8 | 50.1 | -65.2 | 9.6  | -0.9  |
| Actual(MU)   | 114.2 | -103.0 | 50.1 | -69.2 | 12.0 | 4.1   |
| O/D/U/D(MU)  | 7.8   | -1.2   | 0.0  | -4.0  | 2.4  | 5.0   |

F. Generation Outage(MW)

|                | NR    | WR    | SR   | ER   | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 3754  | 12332 | 1500 | 2595 | 195 | 20376 |
| State Sector   | 7320  | 12727 | 2102 | 4799 | 110 | 27058 |
| Total          | 11074 | 25059 | 3602 | 7394 | 305 | 47434 |

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 : 8-Feb-15 |              |              |
|                                       |               |                                       |         |                 |                 | 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     | 0               | -409            | 0.0                          | -6.0         | -6.0         |
|                                       |               | GAYA-BALIA                            | S/C     |                 |                 |                              |              |              |
| 2                                     |               | SASARAM-FATEHPUR                      | S/C     | 0               | 0               | 1.0                          | 0.0          | 1.0          |
| 3                                     | HVDC LINK     | PUSAULI B/B                           | S/C     | 0               | 0               | 0.0                          | -1.0         | -1.0         |
| 4                                     | 400 KV        | PUSAULI-SARNATH                       | S/C     | 0               | 0               | 0.0                          | -9.0         | -9.0         |
| 5                                     |               | PUSAULI -ALLAHABAD                    | D/C     | 0               | -238            | 0.0                          | 0.0          | 0.0          |
| 6                                     |               | MUZAFFARPUR-GORAKHPUR                 | D/C     | 0               | -181            | 0.0                          | 0.0          | 0.0          |
| 7                                     |               | PATNA-BALIA                           | Q/C     | 232             | -142            | 0.0                          | -1.0         | -1.0         |
| 8                                     |               | BIHARSHARIFF-BALIA                    | D/C     | 0               | -323            | 0.0                          | -13.0        | -13.0        |
| 10                                    | 220 KV        | PUSAULI-SAHUPURI                      | S/C     | 0               | -201            | 0.0                          | -3.0         | -3.0         |
| 11                                    | 132 KV        | SONE NAGAR-RIHAND                     | S/C     | 0               | 0               | 0.0                          | 0.0          | 0.0          |
| 12                                    |               | GARWAH-RIHAND                         | S/C     | 58              | 0               | 1.0                          | 0.0          | 1.0          |
| 13                                    |               | KARMANASA-SAHUPURI                    | S/C     | 0               | -1              | 0.0                          | 0.0          | 0.0          |
| 14                                    |               | KARMANASA-CHANDAULI                   | S/C     | 0               | 0               | 0.0                          | 0.0          | 0.0          |
| <b>ER-NR</b>                          |               |                                       |         |                 |                 | <b>2.0</b>                   | <b>-33.0</b> | <b>-31.0</b> |
| <b>Import/Export of ER (With WR)</b>  |               |                                       |         |                 |                 |                              |              |              |
| 15                                    | 765 KV        | JHARSUGUDA-DHARAMJAIGARH S/C          | D/C     | -111            | 98              | -0.7                         | 0.0          | -0.7         |
| 16                                    |               | NEW RANCHI-DHARAMJAIGARH              | S/C     | -144            | 76              | -1.1                         | 0.0          | -1.1         |
| 17                                    | 400 KV        | ROURKELA - RAIGARH ( SEL LILO BYPASS) | S/C     | 0               | 0               | 0.0                          | -2.0         | -2.0         |
| 18                                    |               | JHARSUGUDA-RAIGARH                    | S/C     | -102            | 30              | 0.0                          | -1.0         | -1.0         |
| 19                                    |               | IBEUL-RAIGARH                         | S/C     | -102            | 30              | 0.0                          | -1.0         | -1.0         |
| 20                                    |               | STERLITE-RAIGARH                      | D/C     | 0               | 0               | 0.0                          | 0.0          | 0.0          |
| 21                                    |               | RANCHI-SIPAT                          | D/C     | 1               | 0               | 0.0                          | -3.0         | -3.0         |
| 22                                    | 220 KV        | BUDHIPADAR-RAIGARH                    | S/C     | 128             | -114            | 0.0                          | 0.0          | 0.0          |
| 23                                    |               | BUDHIPADAR-KORBA                      | D/C     | 0               | -140            | 0.0                          | -2.0         | -2.0         |
| <b>ER-WR</b>                          |               |                                       |         |                 |                 | <b>-1.8</b>                  | <b>-9.0</b>  | <b>-10.8</b> |
| <b>Import/Export of ER (With SR)</b>  |               |                                       |         |                 |                 |                              |              |              |
| 24                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B                  | D/C     | 0               | -831            | 0                            | -16.0        | -16.0        |
| 25                                    |               | TALCHER-KOLAR BIPOLE                  | D/C     | 0               | -2165           | 0                            | -47.0        | -47.0        |
| 26                                    | 400 KV        | TALCHER-I/C                           |         | 0               | 0               | 0                            | 0            | 0            |
| 27                                    | 220 KV        | BALIMELA-UPPER-SILERRU                | S/C     | 0               | 0               | 0                            | 0            | 0            |
| <b>ER-SR</b>                          |               |                                       |         |                 |                 | <b>0.0</b>                   | <b>-63.0</b> | <b>-63.0</b> |
| <b>Import/Export of ER (With NER)</b> |               |                                       |         |                 |                 |                              |              |              |
| 27                                    | 400 KV        | BINAGURI-BONGAIGAON                   | Q/C     | 0               | 0               | 0                            | 0            | 0            |
| 28                                    | 220 KV        | BIRPARA-SALAKATI                      | D/C     | 0               | -332            | 0                            | -11          | -11          |
| <b>ER-NER</b>                         |               |                                       |         |                 |                 | <b>0.0</b>                   | <b>-11.0</b> | <b>-11.0</b> |
| <b>Import/Export of WR (With NR)</b>  |               |                                       |         |                 |                 |                              |              |              |
| 29                                    | HVDC          | V'CHAL B/B                            | D/C     | 500             | 0               | 11.8                         | 0.0          | 11.8         |
| 30                                    | 765 KV        | GWALIOR-AGRA                          | D/C     | 0               | -2326           | 0.0                          | -35.9        | -35.9        |
| 31                                    | 400 KV        | ZERDA-KANKROLI                        | S/C     | 254             | -9              | 2.9                          | 0.0          | 2.9          |
| 32                                    | 400 KV        | ZERDA -BHINMAL                        | S/C     | 178             | -95             | 0.7                          | 0.0          | 0.7          |
| 33                                    | 400 KV        | V'CHAL -RIHAND                        | S/C     | 0               | -508            | 0.0                          | -9.8         | -9.8         |
| 34                                    | 220 KV        | BADOD-KOTA                            | S/C     | 79              | 0               | 1.3                          | 0.0          | 1.3          |
| 35                                    |               | BADOD-MORAK                           | S/C     | 87              | 0               | 1.4                          | 0.0          | 1.4          |
| 36                                    |               | MEHGAON-AURAIYA                       | S/C     | 78              | 0               | 1.2                          | 0.0          | 1.2          |
| 37                                    |               | MALANPUR-AURAIYA                      | S/C     | 46              | -16             | 0.5                          | 0.0          | 0.5          |
| 38                                    | 132KV         | GWALIOR-SAWAI MADHOPUR                | S/C     | 0               | 0               | 0.0                          | 0.0          | 0.0          |
| <b>WR-NR</b>                          |               |                                       |         |                 |                 | <b>19.8</b>                  | <b>-45.7</b> | <b>-25.9</b> |
| 39                                    | HVDC          | APL -MHG                              | D/C     | 0               | -2317           | 0.0                          | -55.6        | -55.6        |
| <b>Import/Export of WR (With SR)</b>  |               |                                       |         |                 |                 |                              |              |              |
| 40                                    | HVDC LINK     | BHADRAWATI B/B                        | -       | 0               | -1000           | 0.0                          | -23.8        | -23.8        |
| 41                                    |               | BARSUR-L.SILERU                       | -       | 0               | 0               | 0.0                          | 0.0          | 0.0          |
| 42                                    | 765 KV        | SOLAPUR-RAICHUR                       | D/C     | 256             | -1007           | 0.0                          | -9.7         | -9.7         |
| 43                                    | 220 KV        | KOLHAPUR-CHIKODI                      | D/C     | 0               | -162            | 0.0                          | -3.2         | -3.2         |
| 44                                    |               | PONDA-AMBEWADI                        | S/C     | 0               | 0               | 0.0                          | 0.0          | 0.0          |
| 45                                    |               | XELDEM-AMBEWADI                       | S/C     | 100             | 0               | 2.1                          | 0.0          | 2.1          |
| <b>WR-SR</b>                          |               |                                       |         |                 |                 | <b>2.1</b>                   | <b>-36.7</b> | <b>-34.6</b> |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                                       |         |                 |                 |                              |              |              |
| 46                                    |               | BHUTAN                                |         |                 |                 |                              |              | 2.3          |
| 47                                    |               | NEPAL                                 |         |                 |                 |                              |              | -3.9         |
| 48                                    |               | BANGLADESH                            |         |                 |                 |                              |              | -10.5        |