

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

Report for previous day

Date of Reporting

28-Feb-15

A. Maximum Demand

|  | NR    | WR    | SR    | ER    | NER   | Total  |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 36903 | 39031 | 33978 | 15557 | 2069  | 127538 |
| Peak Shortage (MW)                     | 1480  | 185   | 1894  | 286   | 151   | 3996   |
| Energy Met (MU)                        | 807   | 957   | 838   | 340   | 32    | 2974   |
| Hydro Gen(MU)                          | 149   | 39    | 92    | 25    | 4     | 309    |
| Wind Gen(MU)                           | 6     | 15    | 10    | ----- | ----- | 30     |

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  | 0.71  | 0.19      | 3.06      | 3.24  | 61.77      | 34.99   |
| SR GRID  | 0.00  | 0.71  | 0.19      | 3.06      | 3.24  | 61.77      | 34.99   |

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            | 4270                                | 0                                   | 81.7            | 47.6                 | 0.8              | 194         |
|               | Haryana           | 6251                                | 0                                   | 124.7           | 65.8                 | 2.1              | 331         |
|               | Rajasthan         | 9528                                | 0                                   | 210.9           | 73.6                 | 1.0              | 287         |
|               | Delhi             | 3221                                | 59                                  | 59.1            | 42.0                 | -0.5             | 215         |
|               | UP                | 11133                               | 1745                                | 225.5           | 91.1                 | 1.4              | 543         |
|               | Uttarakhand       | 1676                                | 40                                  | 33.1            | 20.8                 | 0.6              | 144         |
|               | HP                | 1364                                | 0                                   | 25.3            | 15.8                 | 0.8              | 197         |
|               | J&K               | 2092                                | 369                                 | 43.2            | 33.8                 | -1.8             | 81          |
| WR            | Chhattisgarh      | 192                                 | 0                                   | 3.4             | 3.6                  | 0.3              | 1           |
|               | Gujarat           | 3502                                | 96                                  | 81.2            | 29.1                 | 1.5              | 296         |
|               | MP                | 11836                               | 0                                   | 264.7           | 77.4                 | -0.5             | 367         |
|               | Maharashtra       | 9005                                | 0                                   | 185.1           | 100.7                | -1.8             | 226         |
|               | Goa               | 18376                               | 65                                  | 388.7           | 123.9                | 3.1              | 510         |
|               | DD                | 455                                 | 0                                   | 8.4             | 8.0                  | 0.4              | 120         |
|               | DNH               | 289                                 | 0                                   | 6.4             | 6.4                  | 0.0              | 11          |
|               | Essar steel       | 651                                 | 0                                   | 15.5            | 15.9                 | 0.6              | 1           |
| SR            | Andhra Pradesh    | 340                                 | 0                                   | 6.5             | 5.9                  | 0.6              | 103         |
|               | Telangana         | 6283                                | 0                                   | 147.4           | 26.6                 | 4.6              | 341         |
|               | Karnataka         | 6396                                | 135                                 | 145.1           | 75.6                 | 3.8              | 398         |
|               | Kerala            | 9137                                | 500                                 | 200.1           | 29.6                 | 4.0              | 616         |
|               | Tamil Nadu        | 3226                                | 122                                 | 64.1            | 44.0                 | 2.1              | 330         |
|               | Pondy             | 12028                               | 869                                 | 274.7           | 108.4                | -1.3             | 516         |
|               | Bihar             | 320                                 | 0                                   | 6.4             | 6.1                  | 0.3              | 35          |
| ER            | DVC               | 2773                                | 150                                 | 53.1            | 51.6                 | -1.5             | 285         |
|               | Jharkhand         | 2587                                | 0                                   | 56.7            | -15.1                | 0.7              | 402         |
|               | Odisha            | 1082                                | 0                                   | 22.6            | 11.3                 | -0.4             | 95          |
|               | West Bengal       | 3458                                | 0                                   | 68.6            | 23.2                 | 3.3              | 435         |
|               | Sikkim            | 7100                                | 0                                   | 137.8           | 27.5                 | 2.4              | 396         |
| NER           | Assam             | 93                                  | 0                                   | 1.3             | 1.3                  | 0.1              | 30          |
|               | Arunachal Pradesh | 96                                  | 1                                   | 1.5             | 1.3                  | 0.2              | 30          |
|               | Manipur           | 1153                                | 120                                 | 18.1            | 13.2                 | 0.5              | 144         |
|               | Meghalaya         | 128                                 | 2                                   | 1.9             | 2.1                  | -0.1             | 38          |
|               | Mizoram           | 306                                 | 2                                   | 4.3             | 4.9                  | -1.1             | 25          |
|               | Nagaland          | 78                                  | 2                                   | 1.2             | 1.0                  | 0.2              | 30          |
|               | Tripura           | 114                                 | 1                                   | 2.0             | 1.5                  | 0.5              | 33          |
|               | 212               | 3                                   | 2.6                                 | 0.3             | 0.1                  | 65               |             |

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

|            | Bhutan | Nepal  | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 2.9    | -3.6   | -10.7      |
| Max MW     |        | -165.0 | -469.0     |

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

|              | NR    | WR     | SR   | ER    | NER | TOTAL |
|--------------|-------|--------|------|-------|-----|-------|
| Schedule(MU) | 103.3 | -106.8 | 39.2 | -46.2 | 9.7 | -0.8  |
| Actual(MU)   | 107.9 | -119.7 | 38.4 | -37.8 | 9.8 | -1.4  |
| O/D/U/D(MU)  | 4.6   | -12.9  | -0.8 | 8.4   | 0.1 | -0.6  |

F. Generation Outage(MW)

|                | NR    | WR    | SR   | ER   | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 3612  | 9303  | 250  | 3270 | 139 | 16574 |
| State Sector   | 6720  | 12777 | 2692 | 4979 | 110 | 27278 |
| Total          | 10332 | 22080 | 2942 | 8249 | 249 | 43852 |

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 : 28-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     | 33              | -411            | 0.0                           | -4.0         | -4.0         |
|                                       |               | GAYA-BALIA                            | S/C     | 0               | 0               | 1.0                           | 0.0          | 1.0          |
| 2                                     |               | SASARAM-FATEHPUR                      | S/C     | 0               | 0               | 2.0                           | 0.0          | 2.0          |
| 3                                     | HVDC LINK     | PUSAULI B/B                           | S/C     | 0               | 0               | 1.0                           | 0.0          | 1.0          |
| 4                                     | 400 KV        | PUSAULI-SARNATH                       | S/C     | 0               | 0               | 0.0                           | -9.0         | -9.0         |
| 5                                     |               | PUSAULI -ALLAHABAD                    | D/C     | 0               | -277            | 0.0                           | 0.0          | 0.0          |
| 6                                     |               | MUZAFFARPUR-GORAKHPUR                 | D/C     | 0               | -197            | 0.0                           | 0.0          | 0.0          |
| 7                                     |               | PATNA-BALIA                           | Q/C     | 292             | -118            | 2.0                           | 0.0          | 2.0          |
| 8                                     |               | BIHARSHARIFF-BALIA                    | D/C     | 0               | -339            | 0.0                           | -13.0        | -13.0        |
| 10                                    | 220 KV        | PUSAULI-SAHUPURI                      | S/C     | 0               | -186            | 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     | 60              | 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>7.0</b>                    | <b>-29.0</b> | <b>-22.0</b> |
| <b>Import/Export of ER (With WR)</b>  |               |                                       |         |                 |                 |                               |              |              |
| 15                                    | 765 KV        | JHARSUGUDA-DHARAMJAIGARH S/C          | D/C     | 0               | 282             | 0.0                           | 0.0          | 3.4          |
| 16                                    |               | NEW RANCHI-DHARAMJAIGARH              | S/C     | 0               | 301             | 0.0                           | 0.0          | 3.8          |
| 17                                    | 400 KV        | ROURKELA - RAIGARH ( SEL LILO BYPASS) | S/C     | 0               | 0               | 1.0                           | 0.0          | 1.0          |
| 18                                    |               | JHARSUGUDA-RAIGARH                    | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| 19                                    |               | IBEUL-RAIGARH                         | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| 20                                    |               | STERLITE-RAIGARH                      | D/C     | 0               | 0               | 0.0                           | -5.9         | -5.9         |
| 21                                    |               | RANCHI-SIPAT                          | D/C     | 1               | 0               | 0.0                           | -0.1         | -0.1         |
| 22                                    | 220 KV        | BUDHIPADAR-RAIGARH                    | S/C     | 130             | 0               | 0.0                           | 0.0          | 0.0          |
| 23                                    |               | BUDHIPADAR-KORBA                      | D/C     | 5               | -155            | 0.0                           | -2.0         | -2.0         |
| <b>ER-WR</b>                          |               |                                       |         |                 |                 | <b>1.0</b>                    | <b>-8.0</b>  | <b>0.1</b>   |
| <b>Import/Export of ER (With SR)</b>  |               |                                       |         |                 |                 |                               |              |              |
| 24                                    | HVDC LINK     | JEYPORE-GAZUWAKA B/B                  | D/C     | 0               | -716            | 0                             | -12.0        | -12.0        |
| 25                                    |               | TALCHER-KOLAR BIPOLE                  | D/C     | 0               | -2167           | 0                             | -45.0        | -45.0        |
| 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>-57.0</b> | <b>-57.0</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               | -444            | 0                             | -9           | -9           |
| <b>ER-NER</b>                         |               |                                       |         |                 |                 | <b>0.0</b>                    | <b>-9.0</b>  | <b>-9.0</b>  |
| <b>Import/Export of WR (With NR)</b>  |               |                                       |         |                 |                 |                               |              |              |
| 29                                    | HVDC          | V'CHAL B/B                            | D/C     | 500             | -50             | 7.261                         | -0.063       | 7.2          |
| 30                                    | 765 KV        | GWALIOR-AGRA                          | D/C     | 0               | -2212           | 0.0                           | -39.5        | -39.5        |
| 31                                    | 400 KV        | ZERDA-KANKROLI                        | S/C     | 354             | 0               | 4.3                           | 0.0          | 4.3          |
| 32                                    | 400 KV        | ZERDA -BHINMAL                        | S/C     | 327             | -107            | 2.2                           | 0.0          | 2.2          |
| 33                                    | 400 KV        | V'CHAL -RIHAND                        | S/C     | 0               | -510            | 0.0                           | -11.5        | -11.5        |
| 34                                    | 220 KV        | BADOD-KOTA                            | S/C     | 93              | 0               | 1.0                           | 0.0          | 1.0          |
| 35                                    |               | BADOD-MORAK                           | S/C     | 83              | -14             | 0.7                           | 0.0          | 0.7          |
| 36                                    |               | MEHGAON-AURAIYA                       | S/C     | 104             | 0               | 1.7                           | 0.0          | 1.7          |
| 37                                    |               | MALANPUR-AURAIYA                      | S/C     | 56              | 0               | 0.8                           | 0.0          | 0.8          |
| 38                                    | 132KV         | GWALIOR-SAWAI MADHOPUR                | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| <b>WR-NR</b>                          |               |                                       |         |                 |                 | <b>10.8</b>                   | <b>-51.0</b> | <b>-33.0</b> |
| 39                                    | HVDC          | APL -MHG                              | D/C     | 0               | -2318           | 0.0                           | -53.8        | -53.8        |
| <b>Import/Export of WR (With SR)</b>  |               |                                       |         |                 |                 |                               |              |              |
| 40                                    | HVDC LINK     | BHADRAWATI B/B                        | -       | 0               | -1000           | 0.0                           | -23.838      | -23.8        |
| 41                                    |               | BARSUR-L.SILERU                       | -       | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| 42                                    | 765 KV        | SOLAPUR-RAICHUR                       | D/C     | 214             | -557            | 0.0                           | -2.8         | -2.8         |
| 43                                    | 220 KV        | KOLHAPUR-CHIKODI                      | D/C     | 0               | -162            | 0.0                           | -3.1         | -3.1         |
| 44                                    |               | PONDA-AMBEWADI                        | S/C     | 0               | 0               | 0.0                           | 0.0          | 0.0          |
| 45                                    |               | XELDEM-AMBEWADI                       | S/C     | 106             | 0               | 1.6                           | 0.0          | 1.6          |
| <b>WR-SR</b>                          |               |                                       |         |                 |                 | <b>1.6</b>                    | <b>-6.0</b>  | <b>-28.2</b> |
| <b>TRANSNATIONAL EXCHANGE</b>         |               |                                       |         |                 |                 |                               |              |              |
| 46                                    |               | BHUTAN                                |         |                 |                 |                               |              | 2.9          |
| 47                                    |               | NEPAL                                 |         |                 |                 |                               |              | -10.7        |
| 48                                    |               | BANGLADESH                            |         |                 |                 |                               |              | -3.6         |