



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

Report for previous day

Date of Reporting

11-Feb-14

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 35584 | 38089 | 32466 | 14673 | 1910 | 122722 |
| Peak Shortage (MW) | 2960 | 148 | 1256 | 386 | 143 | 4893 |
| Energy Met (MU) | 762 | 898 | 770 | 297 | 31 | 2758 |
| Hydro Gen(MU) | 99 | 61 | 84 | 20 | 5 | 269 |
| Wind Gen(MU) | 2 | 17 | 6 | ----- | ----- | 26 |

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 | 0.3 | 0.0 | 0.3 | 93.5 | 6.2 |
| SR GRID | 0.0 | 0.0 | 0.3 | 0.0 | 0.3 | 93.5 | 6.2 |

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 | 4730 | 0 | 85.8 | 36.8 | 0.8 | 131 |
| | Haryana | 5511 | 0 | 99.3 | 55.0 | -0.2 | 231 |
| | Rajasthan | 9139 | 575 | 189.9 | 90.7 | 2.3 | 379 |
| | Delhi | 3446 | 0 | 61.8 | 41.6 | -0.7 | 457 |
| | UP | 10122 | 2210 | 223.2 | 87.7 | 0.4 | 526 |
| | Uttarakhand | 1760 | 75 | 34.1 | 22.6 | 2.8 | 299 |
| | HP | 1284 | 0 | 24.1 | 19.3 | -0.2 | 116 |
| WR | J&K | 1835 | 100 | 40.5 | 32.8 | 1.5 | 185 |
| | Chandigarh | 208 | 0 | 3.7 | 3.2 | 0.5 | 51 |
| | Chhattisgarh | 3161 | 33 | 72.0 | 18.4 | 0.0 | 324 |
| | Gujarat | 11142 | 0 | 237.3 | 40.1 | -5.4 | 372 |
| | MP | 9136 | 25 | 180.7 | 98.8 | -1.5 | 254 |
| | Maharashtra | 18049 | 85 | 375.2 | 114.7 | 6.4 | 739 |
| | Goa | 391 | 1 | 7.7 | 7.3 | -0.2 | 33 |
| SR | DD | 241 | 1 | 5.8 | 5.6 | 0.2 | 51 |
| | DNH | 618 | 2 | 14.5 | 14.3 | 0.2 | 33 |
| | Essar steel | 213 | 1 | 4.6 | 4.7 | -0.1 | 36 |
| | Andhra Pradesh | 11643 | 0 | 266.7 | 87.9 | 8.8 | 405 |
| | Karnataka | 8430 | 400 | 186.1 | 23.8 | 1.7 | 337 |
| | Kerala | 3382 | 150 | 59.9 | 31.7 | 2.6 | 205 |
| | Tamil Nadu | 11344 | 706 | 251.2 | 93.5 | 0.2 | 305 |
| ER | Pondy | 303 | 0 | 5.9 | 6.5 | -0.7 | 12 |
| | Bihar | 2228 | 350 | 40.9 | 40.3 | 0.6 | 150 |
| | DVC | 2524 | 0 | 56.1 | -13.5 | -0.9 | 270 |
| | Jharkhand | 1048 | 0 | 21.1 | 11.6 | -1.4 | 100 |
| | Odisha | 3388 | 0 | 64.8 | 9.2 | -1.5 | 310 |
| NER | West Bengal | 6084 | 36 | 112.6 | 24.2 | 3.8 | 430 |
| | Sikkim | 92 | 0 | 1.3 | 1.3 | 0.0 | 20 |
| | Arunachal Pradesh | 115 | 5 | 1.3 | 1.5 | -0.1 | 46 |
| | Assam | 1065 | 96 | 17.8 | 11.2 | 2.0 | 162 |
| | Manipur | 102 | 8 | 1.6 | 1.5 | 0.1 | 32 |
| | Meghalaya | 279 | 1 | 4.8 | 2.8 | 0.9 | 103 |
| NER | Mizoram | 70 | 5 | 1.1 | 1.0 | -0.1 | 24 |
| | Nagaland | 95 | 2 | 1.6 | 1.6 | -0.3 | 22 |
| NER | Tripura | 203 | 0 | 2.8 | -0.1 | 0.3 | 67 |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|-------|------------|
| Actual(MU) | 1.8 | -2.8 | -10.5 |
| Max MW | | -89.0 | -461.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|--------|------|-------|-----|
| Schedule(MU) | 126.2 | -112.2 | 29.9 | -50.7 | 4.8 |
| Actual(MU) | 128.3 | -124.1 | 27.0 | -42.1 | 7.8 |
| O/D/U/D(MU) | 2.1 | -11.9 | -2.9 | 8.6 | 3.0 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 2866 | 4116 | 500 | 1970 | 315 | 9767 |
| State Sector | 7470 | 9555 | 870 | 5774 | 110 | 23779 |
| Total | 10336 | 13671 | 1370 | 7744 | 425 | 33546 |

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)

| INTER-REGIONAL EXCHANGES | | | | | | Date of Reporting : 11-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) |
| Import/Export of ER (With NR) | | | | | | | | |
| 1 | 765KV | GAYA-FATEHPUR | S/C | 143 | -225 | 0 | -1.5 | -1.5 |
| 2 | | SASARAM-FATEHPUR | D/C | 0 | 0 | 0 | -6.9 | -6.9 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0 | 0 | 0 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 395 | 0 | 7 | 0 | 7 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 128 | -44 | 2 | 0 | 2 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -341 | 0 | -4.4 | -4.4 |
| 7 | | PATNA-BALIA | D/C | 0 | -375 | 0 | -14.9 | -14.9 |
| 8 | | BIHARSHARIFF-BALIA | S/C | 0 | -435 | 0 | -7 | -7.4 |
| 9 | 220 KV | PUSAULI-BALIA | D/C | 50 | -60 | 0 | -1 | -1 |
| 10 | | PUSAULI-SAHUPURI | S/C | 0 | -207 | 0 | -3.6 | -3.6 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0 | 0 | 0 |
| 12 | | GARWAH-RIHAND | S/C | 40 | 0 | 1 | 0 | 0.6 |
| 13 | | KARMANASA-SAHUPURI | S/C | 0 | 0 | 0 | 0 | 0 |
| 14 | | KARMANASA-CHANDALI | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-NR | | | | | | 9 | -39.2 | -30.2 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 400 KV | JHARSUGUDA-RAIGARH | D/C | 217 | -328 | 1.2 | 0 | 1.2 |
| 16 | | STERLITE-RAIGARH | D/C | 20 | -174 | 0 | -2.9 | -2.9 |
| 17 | | RANCHI-SIPAT | D/C | 292 | -199 | 3 | 0.0 | 3.0 |
| 18 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 0 | -189 | 0 | -2.7 | -2.7 |
| 19 | | BUDHIPADAR-KORBA | D/C | 33 | -103 | 0 | -1 | -0.5 |
| ER-WR | | | | | | 4.2 | -6.1 | -1.9 |
| Import/Export of ER (With SR) | | | | | | | | |
| 20 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -838 | 0 | -17.1 | -17.1 |
| 21 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -1780 | 0 | -32.7 | -32.7 |
| 22 | 400 KV | TALCHER-I/C | | 686 | 0 | 14 | 0.0 | 14.1 |
| 23 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-SR | | | | | | 14 | -17.1 | -3.1 |
| Import/Export of ER (With NER) | | | | | | | | |
| 24 | 400 KV | BINAGURI-BONGAIGAON | D/C | 0 | -468 | 0 | -7.1 | -7.1 |
| 25 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -122 | 0 | -1.4 | -1.4 |
| ER-NER | | | | | | 0 | -8.4 | -8.4 |
| Import/Export of WR (With NR) | | | | | | | | |
| 26 | HVDC | V'CHAL B/B | D/C | 0 | -500 | 0 | -11 | -10.7 |
| 27 | 765 KV | GWALIOR-AGRA | D/C | 0 | -1994 | 0 | -37.6 | -37.6 |
| 28 | 400 KV | ZERDA-KANKROLI | S/C | 134 | -59 | 0.0 | -1 | -1.2 |
| 29 | 400 KV | ZERDA -BHINMAL | S/C | 0 | -418 | 0.0 | -5 | -4.7 |
| 30 | 220 KV | BADOD-KOTA | S/C | 56 | -16 | 0.5 | 0 | 0.4 |
| 31 | | BADOD-MORAK | S/C | 18 | -53 | 0.0 | 0 | -0.4 |
| 32 | | MEHGAON-AURAIYA | S/C | 71 | 0 | 1.4 | 0 | 1.4 |
| 33 | | MALANPUR-AURAIYA | S/C | 36 | 0 | 0.6 | 0 | 0.6 |
| 34 | | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0 | 0 |
| WR-NR | | | | | | 2.5 | -54.7 | -52.2 |
| 35 | HVDC | APL -MHG | D/C | 0 | 2000 | 0 | -48.3 | -48.3 |
| Import/Export of WR (With SR) | | | | | | | | |
| 36 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0 | -23.5 | -24 |
| 37 | | BARSUR-L.SILERU | - | 0 | 0 | 0 | 0 | 0.0 |
| 38 | 765 KV | SOLAPUR-RAICHUR | I | 139 | -388 | 1 | 0 | -2.8 |
| 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 |
| WR-SR | | | | | | 2.5 | -24 | -24.3 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 42 | | BHUTAN | | | | | | 1.8 |
| 43 | | NEPAL | | | | | | -2.8 |
| 44 | | BANGLADESH | | | | | | -10.5 |