

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

Report for previous day

Date of Reporting

16-Feb-15

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 36318 | 37050 | 31679 | 14549 | 2029 | 121625 |
| Peak Shortage (MW) | 1342 | 104 | 1114 | 300 | 103 | 2963 |
| Energy Met (MU) | 809 | 971 | 786 | 310 | 36 | 2913 |
| Hydro Gen(MU) | 100 | 34 | 67 | 19 | 3 | 224 |
| Wind Gen(MU) | 9 | 9 | 6 | ----- | ----- | 24 |

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 | 0.73 | 5.65 | 12.01 | 18.39 | 58.60 | 23.01 |
| SR GRID | 0.00 | 0.73 | 5.65 | 12.01 | 18.39 | 58.60 | 23.01 |

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 | 5230 | 0 | 99.6 | 41.8 | -0.6 | 135 |
| | Haryana | 5929 | 0 | 110.8 | 52.5 | -1.4 | 245 |
| | Rajasthan | 9829 | 0 | 211.5 | 65.5 | -0.2 | 190 |
| | Delhi | 3274 | 32 | 54.0 | 39.0 | -0.7 | 271 |
| | UP | 10154 | 2110 | 232.7 | 93.6 | -2.5 | 177 |
| | Uttarakhand | 1777 | 0 | 32.4 | 22.5 | 0.3 | 135 |
| | HP | 1214 | 0 | 22.5 | 18.7 | -0.6 | 110 |
| | J&K | 1918 | 338 | 42.2 | 36.4 | 1.0 | 129 |
| WR | Chhattisgarh | 184 | 0 | 3.1 | 3.3 | 0.3 | 12 |
| | Gujarat | 3177 | 0 | 75.0 | 23.4 | 0.9 | 213 |
| | MP | 11472 | 0 | 256.2 | 68.2 | -4.2 | 605 |
| | Maharashtra | 9276 | 0 | 234.9 | 94.3 | 1.1 | 450 |
| | Goa | 18053 | 637 | 369.4 | 115.2 | -3.4 | 600 |
| | DD | 460 | 0 | 9.5 | 7.1 | 1.8 | 50 |
| | DNH | 268 | 0 | 6.1 | 9.6 | -3.4 | 35 |
| | Essar steel | 618 | 0 | 14.5 | 15.0 | -1.3 | 65 |
| SR | Andhra Pradesh | 292 | 0 | 5.7 | 7.1 | -1.3 | 75 |
| | Telangana | 6252 | 0 | 142.9 | 33.4 | 2.0 | 432 |
| | Karnataka | 5952 | 800 | 134.9 | 72.3 | 2.5 | 324 |
| | Kerala | 8728 | 400 | 186.1 | 27.4 | 2.9 | 365 |
| | Tamil Nadu | 3123 | 30 | 59.4 | 42.2 | 2.2 | 235 |
| | Pondy | 11737 | 200 | 257.4 | 101.4 | 0.2 | 342 |
| ER | Bihar | 270 | 0 | 5.4 | 5.5 | -0.1 | 30 |
| | DVC | 2672 | 200 | 56.3 | 50.7 | 0.3 | 260 |
| | Jharkhand | 2455 | 0 | 56.3 | -17.1 | -0.4 | 200 |
| | Odisha | 996 | 0 | 21.7 | 9.8 | -1.4 | 100 |
| | West Bengal | 2942 | 150 | 54.6 | 22.3 | 1.1 | 280 |
| | Sikkim | 5799 | 0 | 119.7 | 16.1 | 1.0 | 340 |
| NER | Assam | 95 | 0 | 1.8 | 1.1 | 0.6 | 40 |
| | Arunachal Pradesh | 94 | 5 | 1.9 | 1.3 | 0.6 | 42 |
| | Assam | 1140 | 65 | 21.2 | 13.9 | 2.3 | 154 |
| | Manipur | 123 | 7 | 1.9 | 2.2 | -0.3 | 48 |
| | Meghalaya | 299 | 0 | 5.1 | 4.8 | -1.0 | 41 |
| | Mizoram | 76 | 3 | 1.1 | 1.0 | 0.1 | 35 |
| | Nagaland | 114 | 4 | 2.2 | 1.5 | 0.6 | 32 |
| Tripura | 191 | 8 | 2.8 | 0.3 | 0.4 | 49 | |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 1.2 | -3.8 | -10.2 |
| 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) | 120.1 | -110.3 | 49.9 | -68.6 | 9.8 | 0.9 |
| Actual(MU) | 92.6 | -90.2 | 51.0 | -67.6 | 12.4 | -1.8 |
| O/D/U/D(MU) | -27.5 | 20.1 | 1.1 | 1.0 | 2.6 | -2.6 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 4379 | 10152 | 1170 | 2070 | 60 | 17831 |
| State Sector | 6085 | 12805 | 3302 | 4949 | 110 | 27251 |
| Total | 10464 | 22957 | 4472 | 7019 | 170 | 45082 |

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

| INTER-REGIONAL EXCHANGES | | | | | | | | |
|---------------------------------------|---------------|---------------------------------------|---------|-----------------|-----------------|-------------------------------|--------------|--------------|
| | | | | | | Date of Reporting : 16-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) |
| Import/Export of ER (With NR) | | | | | | | | |
| 1 | 765KV | GAYA-FATEHPUR | S/C | 0 | -445 | 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 | -223 | 0.0 | 0.0 | 0.0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -190 | 0.0 | 0.0 | 0.0 |
| 7 | | PATNA-BALIA | Q/C | 329 | -156 | 1.0 | 0.0 | 1.0 |
| 8 | | BIHARSHARIFF-BALIA | D/C | 0 | -347 | 0.0 | -13.0 | -13.0 |
| 10 | 220 KV | PUSAULI-SAHUPURI | S/C | 0 | -155 | 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 | 44 | 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 |
| ER-NR | | | | | | 3.0 | -32.0 | -29.0 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 765 KV | JHARSUGUDA-DHARAMJAIGARH S/C | D/C | -131 | 66 | -0.5 | -1.0 | -0.5 |
| 16 | | NEW RANCHI-DHARAMJAIGARH | S/C | -232 | 42 | -1.4 | -2.0 | -1.4 |
| 17 | 400 KV | ROURKELA - RAIGARH (SEL LILO BYPASS) | S/C | 0 | 0 | 0.0 | -2.0 | -2.0 |
| 18 | | JHARSUGUDA-RAIGARH | S/C | 40 | -126 | 0.0 | -1.0 | -1.0 |
| 19 | | IBEUL-RAIGARH | S/C | 40 | -126 | 0.0 | -1.0 | -1.0 |
| 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 | 190 | -212 | 0.0 | 0.0 | 0.0 |
| 23 | | BUDHIPADAR-KORBA | D/C | 0 | -175 | 0.0 | -3.0 | -3.0 |
| ER-WR | | | | | | -1.9 | -16.0 | -14.9 |
| Import/Export of ER (With SR) | | | | | | | | |
| 24 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -726 | 0 | -16.0 | -16.0 |
| 25 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -2457 | 0 | -46.0 | -46.0 |
| 26 | 400 KV | TALCHER-I/C | | 0 | 0 | 0 | 0 | 0 |
| 27 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-SR | | | | | | 0.0 | -62.0 | -62.0 |
| Import/Export of ER (With NER) | | | | | | | | |
| 27 | 400 KV | BINAGURI-BONGAIGAON | Q/C | 0 | 0 | 0 | 0 | 0 |
| 28 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -334 | 0 | -12 | -12 |
| ER-NER | | | | | | 0.0 | -12.0 | -12.0 |
| Import/Export of WR (With NR) | | | | | | | | |
| 29 | HVDC | V'CHAL B/B | D/C | 450 | -350 | 1.772 | -3.077 | -1.3 |
| 30 | 765 KV | GWALIOR-AGRA | D/C | 0 | -2252 | 0.0 | -41.7 | -41.7 |
| 31 | 400 KV | ZERDA-KANKROLI | S/C | 430 | 0 | 5.8 | 0.0 | 5.8 |
| 32 | 400 KV | ZERDA -BHINMAL | S/C | 440 | 0 | 3.8 | 0.0 | 3.8 |
| 33 | 400 KV | V'CHAL -RIHAND | S/C | 509 | 0 | 10.8 | 0.0 | 10.8 |
| 34 | 220 KV | BADOD-KOTA | S/C | 116 | 0 | 1.6 | 0.0 | 1.6 |
| 35 | | BADOD-MORAK | S/C | 112 | 1 | 1.6 | 0.1 | 1.6 |
| 36 | | MEHGAON-AURAIYA | S/C | 96 | 0 | 1.7 | 0.0 | 1.7 |
| 37 | | MALANPUR-AURAIYA | S/C | 42 | 0 | 0.7 | 0.0 | 0.7 |
| 38 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| WR-NR | | | | | | 25.9 | -41.6 | -17.0 |
| 39 | HVDC | APL -MHG | D/C | 0 | -2518 | 0.0 | -54.7 | -54.7 |
| Import/Export of WR (With SR) | | | | | | | | |
| 40 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0.0 | -23.907 | -23.9 |
| 41 | | BARSUR-L.SILERU | - | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 42 | 765 KV | SOLAPUR-RAICHUR | D/C | 1 | -775 | 0.0 | -11.2 | -11.2 |
| 43 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | -149 | 0.0 | -3.0 | -3.0 |
| 44 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 45 | | XELDEM-AMBEWADI | S/C | 97 | 0 | 2.0 | 0.0 | 2.0 |
| WR-SR | | | | | | 2.0 | -14.2 | -36.2 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 46 | | BHUTAN | | | | | | 1.2 |
| 47 | | NEPAL | | | | | | -10.2 |
| 48 | | BANGLADESH | | | | | | -3.8 |