

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

Report for previous day

Date of Reporting

16-Jan-15

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 39199 | 37348 | 28787 | 15223 | 1960 | 122517 |
| Peak Shortage (MW) | 1901 | 473 | 1001 | 519 | 222 | 4116 |
| Energy Met (MU) | 814 | 865 | 705 | 303 | 34 | 2721 |
| Hydro Gen(MU) | 91 | 55 | 76 | 19 | 7 | 248 |
| Wind Gen(MU) | 8 | 33 | 12 | ----- | ----- | 53 |

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 | 0.59 | 4.99 | 2.60 | 18.95 | 64.84 | 16.22 |
| SR GRID | 0.00 | 0.59 | 4.99 | 2.60 | 18.95 | 64.84 | 16.22 |

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 | 4949 | 0 | 87.3 | 38.1 | 0.8 | 172 |
| | Haryana | 6194 | 0 | 114.1 | 43.0 | -0.6 | 281 |
| | Rajasthan | 9494 | 0 | 205.1 | 66.6 | 5.2 | 783 |
| | Delhi | 4069 | 0 | 70.4 | 49.5 | 0.1 | 303 |
| | UP | 9980 | 2970 | 230.7 | 77.9 | -0.2 | 350 |
| | Uttarakhand | 1867 | 0 | 36.0 | 24.8 | 0.8 | 109 |
| | HP | 1298 | 29 | 24.1 | 19.3 | 0.4 | 120 |
| | J&K | 1931 | 341 | 42.3 | 36.1 | 1.7 | 212 |
| WR | Chhattisgarh | 2951 | 96 | 68.7 | 18.0 | 1.5 | 187 |
| | Gujarat | 10475 | 0 | 221.3 | 25.3 | -1.2 | 577 |
| | MP | 9064 | 0 | 172.8 | 77.2 | -1.0 | 540 |
| | Maharashtra | 18967 | 559 | 367.4 | 104.6 | -4.1 | 650 |
| | Goa | 382 | 0 | 7.6 | 7.6 | -0.6 | 138 |
| | DD | 243 | 0 | 5.3 | 5.7 | -0.4 | 16 |
| | DNH | 625 | 0 | 14.6 | 14.8 | 0.0 | 20 |
| | Essar steel | 336 | 0 | 7.2 | 7.2 | 0.0 | 174 |
| SR | Andhra Pradesh | 5965 | 0 | 127.4 | 18.8 | 1.4 | 399 |
| | Telangana | 5968 | 100 | 118.0 | 64.0 | 2.9 | 473 |
| | Karnataka | 8096 | 900 | 174.1 | 28.4 | 3.1 | 344 |
| | Kerala | 3252 | 135 | 58.3 | 42.7 | 2.3 | 289 |
| | Tamil Nadu | 10763 | 576 | 221.9 | 84.5 | 0.5 | 520 |
| | Pondy | 253 | 0 | 4.9 | 5.1 | -0.2 | 28 |
| ER | Bihar | 2626 | 0 | 53.2 | 53.5 | -2.7 | 220 |
| | DVC | 2467 | 0 | 56.9 | -23.6 | -0.4 | 200 |
| | Jharkhand | 953 | 0 | 21.8 | 11.4 | 0.1 | 140 |
| | Odisha | 3337 | 0 | 61.8 | 17.2 | 1.7 | 290 |
| | West Bengal | 6604 | 19 | 107.7 | 20.2 | 1.6 | 330 |
| | Sikkim | 126 | 0 | 1.3 | 1.1 | 0.2 | 45 |
| NER | Arunachal Pradesh | 102 | 8 | 1.7 | 1.3 | 0.4 | 39 |
| | Assam | 1098 | 81 | 19.1 | 12.0 | 1.7 | 799 |
| | Manipur | 137 | 5 | 2.3 | 2.0 | 0.2 | 31 |
| | Meghalaya | 328 | 2 | 5.2 | 4.7 | -1.0 | 27 |
| | Mizoram | 78 | 7 | 1.1 | 0.9 | 0.2 | 32 |
| | Nagaland | 115 | 5 | 1.7 | 1.4 | 0.0 | 41 |
| | Tripura | 166 | 43 | 3.0 | -0.9 | 1.6 | 107 |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 2.0 | -3.5 | -6.8 |
| Max MW | | -180.0 | -445.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|--------|------|-------|------|
| Schedule(MU) | 112.9 | -88.6 | 49.3 | -83.2 | 8.9 |
| Actual(MU) | 116.0 | -103.0 | 54.3 | -83.1 | 12.2 |
| O/D/U/D(MU) | 3.1 | -14.4 | 5.0 | 0.1 | 3.3 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 3844 | 13026 | 2500 | 2070 | 0 | 21440 |
| State Sector | 5595 | 12258 | 4152 | 5559 | 110 | 27674 |
| Total | 9439 | 25284 | 6652 | 7629 | 110 | 49114 |

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-Jan-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 | -559 | 0.0 | -8.0 | -8.0 |
| | | GAYA-BALIA | S/C | | | | | |
| 2 | | SASARAM-FATEHPUR | S/C | 0 | 0 | 0.0 | -3.0 | -3.0 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 0 | 0 | 0.0 | -2.0 | -2.0 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 81 | -36 | 0.0 | 0.0 | 0.0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -170 | 0.0 | 0.0 | 0.0 |
| 7 | | PATNA-BALIA | Q/C | 196 | -250 | 0.0 | -1.0 | -1.0 |
| 8 | | BIHARSHARIFF-BALIA | D/C | 0 | -399 | 0.0 | -17.0 | -17.0 |
| 10 | 220 KV | PUSAULI-SAHUPURI | S/C | 0 | -171 | 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 | 53 | 0 | 1.0 | 0.0 | 1.0 |
| 13 | | KARMANASA-SAHUPURI | S/C | 60 | 0 | 0.0 | 0.0 | 0.0 |
| 14 | | KARMANASA-CHANDAULI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| ER-NR | | | | | | 1.0 | -34.0 | -33.0 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 765 KV | JHARSUGUDA-DHARAMJAIGARH S/C | D/C | -22 | 235 | 0.0 | 1.0 | 1.0 |
| 16 | | NEW RANCHI-DHARAMJAIGARH | S/C | -199 | 173 | -0.5 | 0.0 | -0.5 |
| 17 | 400 KV | ROURKELA - RAIGARH (SEL LILO BYPASS) | S/C | 0 | 0 | 0.0 | -1.0 | -1.0 |
| 18 | | JHARSUGUDA-RAIGARH | S/C | 28 | -104 | 0.0 | -1.0 | -1.0 |
| 19 | | IBEUL-RAIGARH | S/C | 28 | -104 | 0.0 | -1.0 | -1.0 |
| 20 | | STERLITE-RAIGARH | D/C | 0 | 0 | 0.0 | -1.0 | -1.0 |
| 21 | | RANCHI-SIPAT | D/C | 1 | 0 | 0.0 | -6.0 | -6.0 |
| 22 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 92 | -73 | 0.0 | 0.0 | 0.0 |
| 23 | | BUDHIPADAR-KORBA | D/C | 0 | -149 | 0.0 | 0.0 | 0.0 |
| ER-WR | | | | | | -0.5 | -9.0 | -9.5 |
| Import/Export of ER (With SR) | | | | | | | | |
| 24 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -730 | 0 | -18.0 | -18.0 |
| 25 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -1978 | 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 | -64.0 | -64.0 |
| 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 | -335 | 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 | 100 | -100 | 0.7 | -0.9 | -0.1 |
| 30 | 765 KV | GWALIOR-AGRA | D/C | 0 | -2094 | 0.0 | -34.0 | -33.6 |
| 31 | 400 KV | ZERDA-KANKROLI | S/C | 146 | -111 | 1.0 | 0.0 | 0.7 |
| 32 | 400 KV | ZERDA -BHINMAL | S/C | 300 | -86 | 0.0 | -1.0 | -1.4 |
| 33 | 400 KV | V'CHAL -RIHAND | S/C | 0 | -497 | 0.0 | -9.0 | -8.9 |
| 34 | 220 KV | BADOD-KOTA | S/C | 77 | 0 | 1.0 | 0.0 | 1.0 |
| 35 | | BADOD-MORAK | S/C | 70 | -49 | 0.0 | 0.0 | -0.3 |
| 36 | | MEHGAON-AURAIYA | S/C | 88 | 0 | 1.0 | 0.0 | 1.4 |
| 37 | | MALANPUR-AURAIYA | S/C | 50 | 0 | 1.0 | 0.0 | 0.7 |
| 38 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| WR-NR | | | | | | 4.7 | -44.9 | -40.5 |
| 39 | HVDC | APL -MHG | D/C | 0 | -2217 | 0.0 | -45.0 | -45.5 |
| Import/Export of WR (With SR) | | | | | | | | |
| 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 | 385 | -524 | 0.0 | -2.0 | -2.0 |
| 43 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | -158 | 0.0 | -3.0 | -2.7 |
| 44 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 45 | | XELDEM-AMBEWADI | S/C | 91 | 0 | 2.0 | 0.0 | 1.8 |
| WR-SR | | | | | | 2.0 | -28.8 | -26.7 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 46 | | BHUTAN | | | | | | 2.0 |
| 47 | | NEPAL | | | | | | -3.5 |
| 48 | | BANGLADESH | | | | | | -6.8 |