

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

Report for previous day

Date of Reporting

19-Jan-15

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 36792 | 38238 | 29709 | 15157 | 2021 | 121917 |
| Peak Shortage (MW) | 1939 | 249 | 1322 | 230 | 108 | 3848 |
| Energy Met (MU) | 803 | 889 | 709 | 304 | 36 | 2741 |
| Hydro Gen(MU) | 91 | 47 | 80 | 23 | 7 | 248 |
| Wind Gen(MU) | 25 | 17 | 15 | ----- | ----- | 56 |

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 | 1.94 | 5.95 | 11.56 | 19.46 | 58.96 | 21.59 |
| SR GRID | 0.00 | 1.94 | 5.95 | 11.56 | 19.46 | 58.96 | 21.59 |

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 | 4724 | 0 | 85.9 | 37.1 | 0.2 | 143 |
| | Haryana | 5749 | 0 | 105.0 | 42.9 | -1.3 | 597 |
| | Rajasthan | 10090 | 0 | 207.7 | 73.3 | 0.9 | 286 |
| | Delhi | 3834 | 0 | 63.1 | 44.7 | -1.4 | 261 |
| | UP | 10397 | 3005 | 236.6 | 80.2 | -2.1 | 183 |
| | Uttarakhand | 1774 | 0 | 35.1 | 24.7 | 0.6 | 147 |
| | HP | 1259 | 0 | 23.2 | 19.8 | -0.6 | 36 |
| | J&K | 1976 | 349 | 42.6 | 35.8 | 2.4 | 236 |
| WR | Chhattisgarh | 207 | 0 | 3.5 | 3.6 | 0.3 | 24 |
| | Gujarat | 11974 | 0 | 250.0 | 50.4 | -1.3 | 336 |
| | MP | 9451 | 0 | 179.8 | 85.2 | 0.8 | 414 |
| | Maharashtra | 17698 | 138 | 359.6 | 104.6 | -0.5 | 655 |
| | Goa | 350 | 0 | 6.5 | 6.9 | -1.0 | 70 |
| | DD | 239 | 0 | 5.3 | 5.6 | -0.4 | 22 |
| | DNH | 648 | 0 | 15.1 | 15.1 | -0.5 | 29 |
| | Essar steel | 372 | 0 | 7.4 | 7.9 | -0.5 | 80 |
| SR | Andhra Pradesh | 5690 | 0 | 127.6 | 13.3 | 2.0 | 397 |
| | Telangana | 5844 | 135 | 123.4 | 67.4 | 3.4 | 481 |
| | Karnataka | 8279 | 400 | 174.0 | 26.6 | 3.8 | 393 |
| | Kerala | 2985 | 125 | 55.0 | 38.7 | 3.4 | 263 |
| | Tamil Nadu | 10311 | 797 | 224.5 | 75.9 | 4.7 | 376 |
| | Pondy | 229 | 0 | 4.7 | 4.7 | 0.0 | 26 |
| ER | Bihar | 2734 | 100 | 56.2 | 54.3 | -1.3 | 245 |
| | DVC | 2467 | 0 | 56.6 | -26.0 | -1.1 | 415 |
| | Jharkhand | 977 | 0 | 20.9 | 13.3 | 0.7 | 205 |
| | Odisha | 3347 | 0 | 62.6 | 16.5 | 2.0 | 485 |
| | West Bengal | 5846 | 0 | 106.6 | 14.9 | 0.3 | 378 |
| | Sikkim | 109 | 0 | 1.4 | 1.1 | 0.3 | 30 |
| NER | Arunachal Pradesh | 107 | 4 | 1.6 | 1.5 | 0.1 | 36 |
| | Assam | 1156 | 75 | 20.3 | 13.0 | 1.8 | 154 |
| | Manipur | 132 | 4 | 2.3 | 2.3 | -0.1 | 36 |
| | Meghalaya | 248 | 0 | 5.2 | 5.3 | -1.1 | 27 |
| | Mizoram | 78 | 1 | 1.2 | 1.1 | 0.1 | 27 |
| | Nagaland | 112 | 4 | 2.3 | 1.7 | 0.3 | 27 |
| | Tripura | 199 | 0 | 2.6 | 0.6 | -0.2 | 24 |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 1.4 | -2.9 | -8.8 |
| Max MW | | -159.0 | -461.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|-------|------|-------|-----|
| Schedule(MU) | 111.0 | -58.0 | 10.2 | -68.8 | 7.2 |
| Actual(MU) | 106.7 | -65.5 | 17.1 | -67.5 | 8.0 |
| O/D/U/D(MU) | -4.3 | -7.5 | 6.9 | 1.3 | 0.8 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 3952 | 13142 | 1000 | 2920 | 0 | 21014 |
| State Sector | 6150 | 11237 | 3072 | 5659 | 110 | 26228 |
| Total | 10102 | 24379 | 4072 | 8579 | 110 | 47242 |

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 : 19-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 | -734 | 0.0 | -10.2 | -10.2 |
| | | GAYA-BALIA | S/C | | | | | |
| 2 | | SASARAM-FATEHPUR | S/C | 0 | 0 | 0.0 | -2.5 | -2.5 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0.0 | -0.9 | -0.9 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 0 | -100 | 0.0 | -2.4 | -2.4 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 37 | -30 | 0.0 | 0.0 | 0.0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -126 | 0.0 | 0.0 | 0.0 |
| 7 | | PATNA-BALIA | Q/C | 134 | -253 | 0.0 | -1.4 | -1.4 |
| 8 | | BIHARSHARIFF-BALIA | D/C | 0 | -449 | 0.0 | -17.8 | -17.8 |
| 10 | 220 KV | PUSAULI-SAHUPURI | S/C | 0 | -194 | 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 | 56 | 0 | 0.9 | 0.0 | 0.9 |
| 13 | | KARMANASA-SAHUPURI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 14 | | KARMANASA-CHANDAULI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| ER-NR | | | | | | 0.9 | -38.3 | -37.4 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 765 KV | JHARSUGUDA-DHARAMJAIGARH S/C | D/C | -249 | 0 | -3.2 | 0.0 | -3.2 |
| 16 | | NEW RANCHI-DHARAMJAIGARH | S/C | -407 | 0 | -5.4 | 0.0 | -5.4 |
| 17 | 400 KV | ROURKELA - RAIGARH (SEL LILO BYPASS) | S/C | 0 | 0 | 0.0 | -5.3 | -5.3 |
| 18 | | JHARSUGUDA-RAIGARH | S/C | 0 | 0 | 0.0 | -4.1 | -4.1 |
| 19 | | IBEUL-RAIGARH | S/C | 0 | 0 | 0.0 | -4.1 | -4.1 |
| 20 | | STERLITE-RAIGARH | D/C | 0 | 0 | 0.0 | -2.8 | -2.8 |
| 21 | | RANCHI-SIPAT | D/C | 0 | -350 | 0.0 | -8.2 | -8.2 |
| 22 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 36 | -180 | 0.0 | -2.0 | -2.0 |
| 23 | | BUDHIPADAR-KORBA | D/C | 0 | -227 | 0.0 | -3.4 | -3.4 |
| ER-WR | | | | | | -8.6 | -29.9 | -38.5 |
| Import/Export of ER (With SR) | | | | | | | | |
| 24 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -880 | 0 | -20.6 | -20.6 |
| 25 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -988 | 0 | -3.9 | -3.9 |
| 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 | -24.6 | -24.6 |
| 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 | -275 | 0 | -8 | -8 |
| ER-NER | | | | | | 0.0 | -8.0 | -8.0 |
| Import/Export of WR (With NR) | | | | | | | | |
| 29 | HVDC | V'CHAL B/B | D/C | 250 | -150 | 2.252 | -1.118 | 1.1 |
| 30 | 765 KV | GWALIOR-AGRA | D/C | 0 | -1550 | 0.0 | -21.1 | -21.1 |
| 31 | 400 KV | ZERDA-KANKROLI | S/C | 177 | -114 | 0.4 | 0.0 | 0.4 |
| 32 | 400 KV | ZERDA -BHINMAL | S/C | 98 | -217 | 0.0 | -1.0 | -1.0 |
| 33 | 400 KV | V'CHAL -RIHAND | S/C | 0 | -522 | 0.0 | -11.1 | -11.1 |
| 34 | 220 KV | BADOD-KOTA | S/C | 69 | 0 | 1.0 | 0.0 | 1.0 |
| 35 | | BADOD-MORAK | S/C | 25 | -50 | 0.1 | -0.3 | -0.2 |
| 36 | | MEHGAON-AURAIYA | S/C | 109 | 0 | 2.0 | 0.0 | 2.0 |
| 37 | | MALANPUR-AURAIYA | S/C | 66 | 0 | 1.2 | 0.0 | 1.2 |
| 38 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| WR-NR | | | | | | 4.8 | -33.6 | -27.7 |
| 39 | HVDC | APL -MHG | D/C | 0 | -1815 | 0.0 | -40.8 | -40.8 |
| Import/Export of WR (With SR) | | | | | | | | |
| 40 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0.0 | -23.842 | -23.8 |
| 41 | | BARSUR-L.SILERU | - | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 42 | 765 KV | SOLAPUR-RAICHUR | D/C | 195 | -681 | 0.0 | -8.2 | -8.2 |
| 43 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | -157 | 0.0 | -3.2 | -3.2 |
| 44 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 45 | | XELDEM-AMBEWADI | S/C | 115 | 0 | 2.0 | 0.0 | 2.0 |
| WR-SR | | | | | | 2.0 | -11.4 | -33.2 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 46 | | BHUTAN | | | | | | 1.4 |
| 47 | | NEPAL | | | | | | -2.9 |
| 48 | | BANGLADESH | | | | | | -8.8 |