



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

Report for previous day

Date of Reporting

18-Jan-14

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 36750 | 36629 | 31083 | 15362 | 1847 | 121671 |
| Peak Shortage (MW) | 591 | 319 | 1284 | 500 | 272 | 2966 |
| Energy Met (MU) | 800 | 859 | 754 | 295 | 33 | 2741 |
| Hydro Gen(MU) | 97 | 54 | 88 | 19 | 7 | 265 |
| Wind Gen(MU) | 5 | 21 | 16 | ----- | ----- | 42 |

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 | 0.1 | 1.5 | 5.6 | 1.6 | 86.9 | 11.5 |
| SR GRID | 0.0 | 0.1 | 1.5 | 5.6 | 1.6 | 86.9 | 11.5 |

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 | 4746 | 0 | 89.8 | 33.1 | 0.1 | 174 |
| | Haryana | 5770 | 292 | 110.6 | 52.7 | 1.0 | 306 |
| | Rajasthan | 9373 | 0 | 194.4 | 74.0 | -3.2 | 120 |
| | Delhi | 3902 | 0 | 69.4 | 47.6 | -1.2 | 330 |
| | UP | 10425 | 150 | 229.9 | 89.1 | -6.7 | 281 |
| | Uttarakhand | 1732 | 40 | 34.2 | 24.5 | 1.6 | 228 |
| | HP | 1392 | 9 | 26.3 | 20.7 | 1.2 | 161 |
| | J&K | 1910 | 100 | 41.7 | 33.1 | 2.9 | 320 |
| WR | Chandigarh | 232 | 0 | 4.0 | 3.1 | 0.8 | 78 |
| | Chhattisgarh | 3021 | 7 | 65.6 | 17.8 | 0.1 | 346 |
| | Gujarat | 10885 | 4 | 240.8 | 37.2 | 0.1 | 358 |
| | MP | 8498 | 5 | 163.1 | 91.7 | -6.7 | 347 |
| | Maharashtra | 17141 | 302 | 355.6 | 116.8 | 10.5 | 447 |
| | Goa | 406 | 0 | 7.9 | 7.4 | -0.1 | 52 |
| | DD | 245 | 0 | 5.8 | 5.8 | 0.0 | 57 |
| | DNH | 628 | 0 | 14.9 | 14.7 | 0.2 | 70 |
| SR | Essar steel | 345 | 0 | 6.0 | 5.8 | 0.0 | 40 |
| | Andhra Pradesh | 11285 | 0 | 266.1 | 88.9 | 5.6 | 405 |
| | Karnataka | 8877 | 400 | 184.6 | 18.9 | 0.9 | 587 |
| | Kerala | 3192 | 150 | 60.9 | 26.3 | 2.4 | 252 |
| | Tamil Nadu | 11339 | 734 | 237.5 | 81.9 | 0.7 | 312 |
| | Pondy | 272 | 0 | 5.0 | 6.1 | -1.0 | 9 |
| ER | Bihar | 2073 | 500 | 42.1 | 39.6 | -0.1 | 150 |
| | DVC | 2734 | 0 | 58.6 | -21.9 | -1.1 | 300 |
| | Jharkhand | 1068 | 0 | 21.6 | 12.4 | -2.0 | 50 |
| | Odisha | 3464 | 0 | 62.5 | 15.2 | 4.9 | 400 |
| | West Bengal | 6437 | 0 | 108.6 | 26.1 | 5.5 | 450 |
| NER | Sikkim | 103 | 0 | 2.0 | 1.4 | 0.7 | 35 |
| | Arunachal Pradesh | 110 | 5 | 1.4 | 1.3 | 0.1 | 47 |
| | Assam | 965 | 214 | 18.8 | 12.9 | 1.2 | 185 |
| | Manipur | 108 | 14 | 1.6 | 1.8 | -0.1 | 43 |
| | Meghalaya | 301 | 1 | 5.3 | 3.8 | 0.4 | 65 |
| | Mizoram | 82 | 3 | 1.2 | 1.1 | -0.1 | 32 |
| | Nagaland | 104 | 1 | 1.7 | 1.6 | -0.1 | 17 |
| Tripura | 193 | 0 | 2.6 | 0.8 | -0.6 | 40 | |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|-------|------------|
| Actual(MU) | 3.1 | -2.7 | -10.0 |
| Max MW | | -83.0 | -478.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|-------|------|-------|-----|
| Schedule(MU) | 115.8 | -96.0 | 30.6 | -60.9 | 5.4 |
| Actual(MU) | 108.7 | -93.7 | 23.8 | -49.9 | 5.7 |
| O/D/U/D(MU) | -7.1 | 2.3 | -6.8 | 11.0 | 0.3 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 3543 | 4792 | 700 | 2070 | 336 | 11441 |
| State Sector | 5170 | 10587 | 920 | 6204 | 179 | 23060 |
| Total | 8713 | 15379 | 1620 | 8274 | 515 | 34501 |

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 : 18-Jan-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 | 179 | -266 | 0 | -1.4 | -1.4 |
| 2 | | SASARAM-FATEHPUR | D/C | 0 | 0 | 0 | -1.6 | -1.6 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0 | -10 | -10 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 0 | -264 | 0 | 0 | 0 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 0 | -234 | 0 | 0 | 0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -502 | 0 | -6.5 | -6.5 |
| 7 | | PATNA-BALIA | D/C | 0 | -400 | 0 | -9.3 | -9.3 |
| 8 | | BIHARSHARIF-BALIA | S/C | 0 | -418 | 0 | -5 | -5.4 |
| 9 | 220 KV | PUSAULI-BALIA | D/C | 146 | 0 | 3 | 0 | 3 |
| 10 | | PUSAULI-SAHUPURI | S/C | 0 | -238 | 0 | -4.5 | -4.5 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0 | 0 | 0 |
| 12 | | GARWAH-RIHAND | S/C | 32 | 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 | | | | | | 3 | -38.5 | -35.4 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 400 KV | JHARSUGUDA-RAIGARH | D/C | 410 | -356 | 1.0 | 0 | 1.0 |
| 16 | | STERLITE-RAIGARH | D/C | 73 | -200 | 0 | -3.5 | -3.5 |
| 17 | | RANCHI-SIPAT | D/C | 546 | -72 | 4 | 0.0 | 4.3 |
| 18 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 41 | -210 | 0 | -1.8 | -1.8 |
| 19 | | BUDHIPADAR-KORBA | D/C | 210 | -91 | 2 | 0 | 1.4 |
| ER-WR | | | | | | 6.9 | -5.5 | 1.4 |
| Import/Export of ER (With SR) | | | | | | | | |
| 20 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -486 | 0 | -12.3 | -12.3 |
| 21 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -1681 | 0 | -30.8 | -30.8 |
| 22 | 400 KV | TALCHER-I/C | | 495 | -435 | 3 | 0.0 | 3.3 |
| 23 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-SR | | | | | | 3 | -12.3 | -9.0 |
| Import/Export of ER (With NER) | | | | | | | | |
| 24 | 400 KV | BINAGURI-BONGAIGAON | D/C | 0 | -438 | 0 | -4.9 | -4.9 |
| 25 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -121 | 0 | -1.4 | -1.4 |
| ER-NER | | | | | | 0 | -6.3 | -6.3 |
| Import/Export of WR (With NR) | | | | | | | | |
| 26 | HVDC | V'CHAL B/B | D/C | 250 | -500 | 0 | -5 | -4.4 |
| 27 | 765 KV | GWALIOR-AGRA | D/C | 0 | -1880 | 0 | -32.5 | -32.5 |
| 28 | 400 KV | ZERDA-KANKROLI | S/C | 301 | -59 | 2.4 | 0 | 2.4 |
| 29 | 400 KV | ZERDA -BHINMAL | S/C | 172 | 4 | 0.0 | 0 | -0.4 |
| 30 | 220 KV | BADOD-KOTA | S/C | 128 | 0 | 1.5 | 0 | 1.5 |
| 31 | | BADOD-MORAK | S/C | 92 | -24 | 0.7 | 0 | 0.7 |
| 32 | | MEHGAON-AURAIYA | S/C | 104 | 0 | 1.9 | 0 | 1.9 |
| 33 | | MALANPUR-AURAIYA | S/C | 69 | 0 | 1.2 | 0 | 1.2 |
| 34 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0 | 0 | 0 |
| WR-NR | | | | | | 7.8 | -37.5 | -29.6 |
| 35 | HVDC | APL -MHG | D/C | 0 | 2000 | 0 | -47.9 | -47.9 |
| Import/Export of WR (With SR) | | | | | | | | |
| 36 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0 | -15.2 | -15 |
| 37 | | BARSUR-L.SILERU | - | 0 | 0 | 0 | 0 | 0.0 |
| 38 | 765 KV | SOLAPUR-RAICHUR | I | 492 | -286 | 0 | 0 | -0.1 |
| 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 | 101 | 0 | 1.9 | 0.0 | 1.9 |
| WR-SR | | | | | | 1.9 | -15 | -13.4 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 42 | | BHUTAN | | | | | | 3.1 |
| 43 | | NEPAL | | | | | | -2.7 |
| 44 | | BANGLADESH | | | | | | -10.0 |