



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

Report for previous day

Date of Reporting

7-Jan-13

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 36984 | 38515 | 32793 | 14518 | 1865 | 124675 |
| Peak Shortage (MW) | 2593 | 541 | 1683 | 360 | 220 | 5397 |
| Energy Met (MU) | 780 | 863 | 746 | 294 | 34 | 2717 |
| Hydro Gen(MU) | 99 | 54 | 98 | 18 | 6 | 276 |
| Wind Gen(MU) | 2 | 16 | 8 | ----- | ----- | 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 | 1.7 | 7.1 | 1.7 | 90.2 | 8.1 |
| SR GRID | 0.0 | 0.0 | 3.0 | 13.5 | 3.0 | 93.5 | 3.5 |

C.Power Supply Position in States

| RegionRegion | 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 | 5136 | 0 | 95.2 | 35.3 | 3.6 | 493 |
| | Haryana | 5305 | 548 | 100.4 | 52.5 | -0.2 | 256 |
| | Rajasthan | 8785 | 0 | 192.0 | 69.8 | -3.4 | 267 |
| | Delhi | 3771 | 0 | 66.0 | 46.9 | 0.9 | 405 |
| | UP | 9952 | 1905 | 225.0 | 93.9 | 0.8 | 453 |
| | Uttarakhand | 1706 | 40 | 33.6 | 22.0 | 1.9 | 247 |
| | HP | 1340 | 0 | 24.9 | 19.9 | 0.2 | 111 |
| WR | J&K | 1974 | 100 | 39.6 | 30.8 | 3.1 | 411 |
| | Chandigarh | 213 | 0 | 3.8 | 3.2 | 0.6 | 56 |
| | Chhattisgarh | 2868 | 14 | 60.3 | 14.4 | -2.6 | 383 |
| | Gujarat | 11284 | 23 | 238.7 | 42.0 | -2.0 | 434 |
| | MP | 7978 | 24 | 164.1 | 82.8 | -4.3 | 416 |
| | Maharashtra | 17522 | 476 | 362.5 | 111.4 | 2.9 | 515 |
| | Goa | 433 | 1 | 8.6 | 7.4 | 0.5 | 17 |
| | DD | 246 | 1 | 5.8 | 5.8 | 0.0 | 8 |
| | DNH | 642 | 2 | 15.0 | 14.7 | 0.3 | 81 |
| | Essar steel | 369 | 1 | 7.8 | 7.7 | 0.1 | 29 |
| SR | Andhra Pradesh | 11102 | 500 | 251.5 | 83.3 | 4.7 | 443 |
| | Karnataka | 8214 | 300 | 176.6 | 21.6 | 0.7 | 239 |
| | Kerala | 3235 | 150 | 57.8 | 24.7 | 2.2 | 196 |
| | Tamil Nadu | 11737 | 733 | 254.5 | 83.1 | 1.0 | 287 |
| | Pondy | 299 | 0 | 5.6 | 6.5 | -0.9 | 14 |
| ER | Bihar | 1796 | 200 | 40.9 | 35.7 | 2.6 | 220 |
| | DVC | 2654 | 0 | 56.2 | -20.8 | -2.5 | 170 |
| | Jharkhand | 990 | 160 | 18.9 | 11.6 | -0.1 | 195 |
| | Odisha | 3448 | 0 | 68.6 | 9.0 | 6.1 | 440 |
| | West Bengal | 6520 | 0 | 107.5 | 18.8 | 11.5 | 515 |
| NER | Sikkim | 96 | 0 | 1.7 | 1.3 | 0.4 | 20 |
| | Arunachal Pradesh | 113 | 2 | 1.6 | 1.4 | 0.2 | 41 |
| | Assam | 995 | 141 | 20.0 | 12.5 | 2.5 | 116 |
| | Manipur | 118 | 7 | 1.5 | 1.7 | -0.2 | 33 |
| | Meghalaya | 305 | 18 | 5.4 | 3.6 | 0.3 | 65 |
| | Mizoram | 72 | 8 | 1.0 | 1.1 | -0.3 | 32 |
| | Nagaland | 96 | 4 | 1.6 | 1.5 | -0.1 | 24 |
| Tripura | 192 | 1 | 2.6 | 1.5 | -1.3 | 10 | |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 3.3 | -2.2 | -10.0 |
| Max MW | | -133.8 | -472.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|-------|------|-------|-----|
| Schedule(MU) | 115.4 | -91.3 | 28.8 | -63.3 | 6.8 |
| Actual(MU) | 115.5 | -95.9 | 30.7 | -56.5 | 7.5 |
| O/D/U/D(MU) | 0.1 | -4.6 | 1.9 | 6.8 | 0.7 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 2573 | 5652 | 1200 | 1470 | 201 | 11096 |
| State Sector | 6415 | 9068 | 1420 | 5724 | 179 | 22806 |
| Total | 8988 | 14720 | 2620 | 7194 | 380 | 33902 |

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 : 7-Jan-13 | | |
|---------------------------------------|---------------|------------------------|---------|-----------------|-----------------|------------------------------|--------------|--------------|
| | | | | | | 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 | 0 | -420 | 0 | -2.5 | -2.5 |
| 2 | | SASARAM-FATEHPUR | D/C | 0 | 0 | 0 | -4.2 | -4.2 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0 | 0 | 0 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 436 | -36 | 4 | 0 | 4 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 63 | -166 | 0 | 0 | 0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -596 | 0 | -9.2 | -9.2 |
| 7 | | PATNA-BALIA | D/C | 0 | -399 | 0 | -14.3 | -14.3 |
| 8 | | BIHARSHARIFF-BALIA | S/C | 0 | -601 | 0 | -9 | -9.4 |
| 9 | 220 KV | PUSAULI-BALIA | D/C | 64 | -141 | 0 | 0 | 0 |
| 10 | | PUSAULI-SAHUPURI | S/C | 0 | -167 | 0 | -2.9 | -2.9 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0 | 0 | 0 |
| 12 | | GARWAH-RIHAND | S/C | 40 | 0 | 1 | 0 | 0.5 |
| 13 | | KARMANASA-SAHUPURI | S/C | 0 | 0 | 0 | 0 | 0 |
| 14 | | KARMANASA-CHANDAULI | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-NR | | | | | | 5 | -43.3 | -38.4 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 400 KV | JHARSUGUDA-RAIGARH | D/C | 270 | -285 | 0.4 | 0 | 0.4 |
| 16 | | STERLITE-RAIGARH | D/C | 45 | -161 | 0 | -3.2 | -3.2 |
| 17 | | RANCHI-SIPAT | D/C | 406 | -46 | 3 | 0.0 | 2.9 |
| 18 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 0 | -182 | 0 | -2.5 | -2.5 |
| 19 | | BUDHIPADAR-KORBA | D/C | 80 | -110 | 0 | 0 | -0.1 |
| ER-WR | | | | | | 3.5 | -5.9 | -2.4 |
| Import/Export of ER (With SR) | | | | | | | | |
| 20 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -590 | 0 | -14.5 | -14.5 |
| 21 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -1681 | 0 | -38.4 | -38.4 |
| 22 | 400 KV | TALCHER-I/C | | 558 | 0 | 7 | 0.0 | 7.4 |
| 23 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-SR | | | | | | 7 | -14.5 | -7.2 |
| Import/Export of ER (With NER) | | | | | | | | |
| 24 | 400 KV | BINAGURI-BONGAIGAON | D/C | 0 | -426 | 0 | -6.3 | -6.3 |
| 25 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -113 | 0 | -1.6 | -1.6 |
| ER-NER | | | | | | 0 | -7.9 | -7.9 |
| Import/Export of WR (With NR) | | | | | | | | |
| 26 | HVDC | V'CHAL B/B | D/C | 3 | -500 | 3 | -5 | -2.5 |
| 27 | 765 KV | GWALIOR-AGRA | D/C | 0 | -1954 | 0 | -37.4 | -37.4 |
| 28 | 400 KV | ZERDA-KANKROLI | S/C | 1 | -59 | 1.1 | 0 | 1.1 |
| 29 | 400 KV | ZERDA -BHINMAL | S/C | 0 | -197 | 0.0 | -1 | -1.4 |
| 30 | 220 KV | BADOD-KOTA | S/C | 1 | 0 | 1.1 | 0 | 1.1 |
| 31 | | BADOD-MORAK | S/C | 0 | -40 | 0.4 | 0 | 0.4 |
| 32 | | MEHGAON-AURAIYA | S/C | 1 | 0 | 1.2 | 0 | 1.2 |
| 33 | | MALANPUR-AURAIYA | S/C | 1 | -7 | 0.6 | 0 | 0.6 |
| 34 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0 | 0 | 0 |
| WR-NR | | | | | | 6.9 | -43.9 | -36.9 |
| 35 | HVDC | APL -MHG | D/C | 0 | 1500 | 0 | -38.1 | -38.1 |
| Import/Export of WR (With SR) | | | | | | | | |
| 36 | HVDC LINK | BHADRAWATI B/B | - | 0 | -990 | 0 | -23.5 | -24 |
| 37 | | BARSUR-L.SILERU | - | 0 | 0 | 0 | 0 | 0 |
| 38 | 765 KV | SOLAPUR-RAICHUR | I | 403 | -86 | 0 | -0.7 | 0.0 |
| 39 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | 0 | 0 | 0 | 0 |
| 40 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0 | 0 | 0 |
| 41 | | XELDEM-AMBEWADI | S/C | 2 | 0 | 2.0 | 0 | 2.0 |
| WR-SR | | | | | | 2.0 | -24 | -21.5 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 42 | | BHUTAN | | | | | | 3.3 |
| 43 | | NEPAL | | | | | | -2.2 |
| 44 | | BANGLADESH | | | | | | -10.0 |