



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

Report for previous day

Date of Reporting

4-Apr-13

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 31321 | 37155 | 28887 | 13563 | 1660 | 112586 |
| Peak Shortage (MW) | 2108 | 793 | 6514 | 1142 | 307 | 10864 |
| Energy Met (MU) | 676 | 835 | 705 | 307 | 28 | 2551 |
| Hydro Gen(MU) | 135 | 42 | 80 | 38 | 4 | 299 |
| Wind Gen(MU) | 3 | 22 | 6 | ----- | ----- | 31 |

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 | 0.9 | 5.8 | 0.9 | 94.0 | 5.1 |
| SR GRID | 0 | 0.1 | 5.0 | 33.0 | 5.1 | 94.4 | 0.6 |

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 | 4921 | 0 | 99.7 | 50.7 | 0.1 | 170 |
| | Haryana | 4850 | 98 | 95.3 | 62.3 | -0.6 | 179 |
| | Rajasthan | 6239 | 0 | 136.9 | 46.4 | -5.7 | 0 |
| | Delhi | 3125 | 0 | 62.0 | 37.7 | -2.7 | 206 |
| | UP | 8905 | 1910 | 197.3 | 79.5 | -5.4 | 282 |
| | Uttarakhand | 1431 | 0 | 28.5 | 16.9 | 0.7 | 150 |
| | HP | 1218 | 0 | 23.3 | 13.5 | -0.2 | 82 |
| | J&K | 1443 | 100 | 29.5 | 19.7 | -0.6 | 169 |
| WR | Chandigarh | 183 | 0 | 3.5 | 3.9 | -0.3 | 18 |
| | Chhattisgarh | 3235 | 57 | 62.1 | 14.8 | 5.3 | 413 |
| | Gujarat | 10996 | 36 | 251.4 | 41.5 | 0.5 | 741 |
| | MP | 6973 | 5 | 127.6 | 58.3 | -5.3 | 323 |
| | Maharashtra | 16697 | 645 | 366.5 | 122.7 | 6.1 | 688 |
| | Goa | 387 | 50 | 8.2 | 6.7 | 1.2 | 40 |
| | DD | 254 | 0 | 6.0 | 4.7 | 1.4 | 11 |
| SR | DNH | 569 | 0 | 13.4 | 11.5 | 1.9 | 21 |
| | Andhra Pradesh | 10909 | 2000 | 249.0 | 71.3 | 1.5 | 514 |
| | Karnataka | 7557 | 1450 | 163.7 | 23.6 | 0.6 | 245 |
| | Kerala | 2935 | 400 | 62.0 | 27.8 | 2.8 | 347 |
| | Tamil Nadu | 10048 | 2664 | 224.0 | 75.5 | 2.8 | 441 |
| | Pondy | 303 | 0 | 6.4 | 7.3 | -0.9 | 5 |
| ER | Bihar | 1228 | 600 | 27.6 | 25.9 | 1.7 | 70 |
| | DVC | 2188 | 250 | 54.1 | -31.1 | -0.4 | 39 |
| | Jharkhand | 781 | 123 | 16.5 | 5.0 | 2.4 | 48 |
| | Odisha | 3380 | 0 | 67.2 | 6.3 | -0.8 | 198 |
| | West Bengal | 6553 | 169 | 140.4 | 35.2 | -3.7 | 220 |
| | Sikkim | 72 | 0 | 1.3 | 1.3 | 0.0 | 23 |
| NER | Arunachal Pradesh | 77 | 5 | 0.9 | 0.8 | 0.1 | 34 |
| | Assam | 966 | 209 | 16.1 | 10.0 | 1.8 | 147 |
| | Manipur | 92 | 2 | 1.2 | 1.0 | 0.2 | 44 |
| | Meghalaya | 275 | 5 | 4.3 | 2.5 | 0.4 | 69 |
| | Mizoram | 56 | 1 | 1.0 | 0.7 | 0.3 | 17 |
| | Nagaland | 55 | 10 | 1.0 | 0.7 | 0.3 | 37 |
| | Tripura | 185 | 21 | 3.1 | 0.6 | 0.6 | 48 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|-------|------|-------|------|
| Schedule(MU) | 61.7 | -51.3 | 43.7 | -63.9 | 7.7 |
| Actual(MU) | 50.5 | -45.1 | 43.6 | -63.5 | 11.2 |
| O/D/U/D(MU) | -11.2 | 6.2 | -0.1 | 0.4 | 3.5 |

E. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 2858 | 7208 | 1190 | 3070 | 75 | 14401 |
| State Sector | 5950 | 9369 | 1986 | 3449 | 96 | 20850 |
| Total | 8808 | 16577 | 3176 | 6519 | 171 | 35251 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारिषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्रा०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES

Date of Reporting : 4-Apr-13

| | | | | | | 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 | -132 | 0 | -0.7 | -0.7 |
| 2 | HVDC LINK | SASARAM B/B | D/C | 0 | 0 | 0 | -4.8 | -4.8 |
| 3 | | SASARAM-SARNATH | S/C | 0 | -172 | 0 | 0 | 0 |
| 4 | | SASARAM-ALLAHABAD | S/C | 0 | -168 | 0 | 0 | 0 |
| 5 | 400 KV | MUZAFFARPUR-GORAKHPUR | D/C | 190 | -286 | 0 | -2 | -2 |
| 6 | | PATNA-BALIA | D/C | 0 | -124 | 0 | -6.9 | -6.9 |
| 7 | | BIHARSHARIFF-BALIA | D/C | 97 | -211 | 0 | -2.7 | -2.7 |
| 8 | | BALIA-SASARAM | S/C | 134 | 0 | 2.0 | 0 | 2.0 |
| 9 | | PATNA-BALIA | D/C | 0 | -271 | 0 | 0 | 0 |
| 10 | 220 KV | SASARAM-SAHUPURI | S/C | 0 | -205 | 0 | -3.3 | -3.3 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0 | 0 | 0 |
| 12 | | GARWAH-RIHAND | S/C | 49 | 0 | 0.8 | 0 | 0.8 |
| 13 | | KARMANASA-SAHUPURI | S/C | 0 | 0 | 0 | 0 | 0 |
| 14 | | KARMANASA-CHANDAULI | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-NR | | | | | | 3 | -20.6 | -17.8 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 400 KV | ROURKELA-RAIGARH | T/C | 19 | -388 | 0.0 | 0 | 0.0 |
| 16 | | STERLITE-RAIGARH | S/C | 0 | -302 | 0 | -9.3 | -9.3 |
| 17 | | RANCHI-SIPAT | D/C | 297 | -194 | 1 | 0.0 | 1.0 |
| 18 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 0 | -202 | 0 | -2.3 | -2.3 |
| 19 | | BUDHIPADAR-KORBA | D/C | 64 | -164 | 0 | -2 | -1.5 |
| ER-WR | | | | | | 1.1 | -13.2 | -12.0 |
| Import/Export of ER (With SR) | | | | | | | | |
| 20 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -298 | 0 | -10.0 | -10.0 |
| 21 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -1707 | 0 | -36.8 | -36.8 |
| 22 | 400 KV | TALCHER-I/C | | 0 | -742 | 0 | -12.9 | -12.9 |
| 23 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-SR | | | | | | 0 | -22.9 | -22.9 |
| Import/Export of ER (With NER) | | | | | | | | |
| 24 | 400 KV | BINAGURI-BONGAIGAON | D/C | 0 | -511 | 0 | -8.8 | -8.8 |
| 25 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -129 | 0 | -1.8 | -1.8 |
| ER-NER | | | | | | 0 | -10.6 | -10.6 |
| Import/Export of WR (With NR) | | | | | | | | |
| 26 | HVDC | V'CHAL B/B | D/C | 2 | -100 | 2 | -1 | 0.1 |
| 27 | 400 KV | GWALIOR-AGRA | D/C | 0 | -1018 | 0 | -15.9 | -15.9 |
| 28 | | ZERDA-KANKROLI | S/C | 5 | -59 | 4.6 | 0 | 4.6 |
| 29 | | ZERDA -BHINMAL | S/C | 3 | -7 | 3.1 | 0 | 3.1 |
| 30 | 220 KV | BADOD-KOTA | S/C | 3 | 0 | 2.7 | 0 | 2.7 |
| 31 | | BADOD-MORAK | S/C | 1 | 0 | 1.4 | 0 | 1.4 |
| 32 | | MEHGAON-AURAIYA | S/C | 1 | 0 | 0.8 | 0 | 0.8 |
| 33 | | MALANPUR-AURAIYA | S/C | 0 | -1 | 0.4 | 0 | 0.3 |
| 34 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0 | 0 | 0 |
| WR-NR | | | | | | 14.5 | -17.4 | -2.9 |
| 35 | HVDC | APL -MHG | D/C | 0 | 1303 | 0 | -30.6 | -30.6 |
| Import/Export of WR (With SR) | | | | | | | | |
| 36 | HVDC LINK | BHADRAWATI B/B | - | 0 | -985 | 0 | -24 | -24 |
| 37 | | BARSUR-L.SILERU | - | 0 | 0 | 0 | 0 | 0 |
| 38 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | 0 | 0 | 0 | 0 |
| 39 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0 | 0 | 0 |
| 40 | | XELDEM-AMBEWADI | S/C | 2 | 0 | 2.0 | 0 | 2.0 |
| WR-SR | | | | | | 2.0 | -24 | -21.5 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 41 | | BHUTAN | | | | | | 4.6 |