



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

Report for previous day

Date of Reporting

2-May-13

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 34057 | 36542 | 29384 | 14749 | 1542 | 116274 |
| Peak Shortage (MW) | 1565 | 197 | 5153 | 500 | 291 | 7706 |
| Energy Met (MU) | 783 | 856 | 677 | 319 | 28 | 2663 |
| Hydro Gen(MU) | 166 | 29 | 44 | 48 | 6 | 293 |
| Wind Gen(MU) | 8 | 20 | 8 | ----- | ----- | 36 |

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 | 1.8 | 2.4 | 1.9 | 92.5 | 5.6 |
| SR GRID | 0.0 | 0.0 | 4.8 | 21.0 | 4.8 | 91.7 | 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 | 5351 | 0 | 114.2 | 71.9 | -0.3 | 152 |
| | Haryana | 5415 | 0 | 109.2 | 60.0 | -2.1 | 208 |
| | Rajasthan | 6808 | 0 | 153.8 | 57.8 | -4.5 | 105 |
| | Delhi | 3853 | 0 | 82.7 | 56.1 | -5.0 | 0 |
| | UP | 10660 | 1465 | 235.7 | 94.2 | -4.2 | 240 |
| | Uttarakhand | 1591 | 0 | 31.9 | 18.9 | -1.0 | 47 |
| | HP | 1104 | 0 | 22.3 | 11.3 | -0.8 | 59 |
| | J&K | 1472 | 100 | 28.4 | 17.4 | 0.2 | 225 |
| | Chandigarh | 223 | 0 | 4.5 | 4.6 | -0.1 | 17 |
| WR | Chhattisgarh | 3236 | 56 | 75.3 | 22.7 | 3.6 | 259 |
| | Gujarat | 11777 | 36 | 266.4 | 52.9 | -0.5 | 428 |
| | MP | 7249 | 0 | 145.3 | 73.7 | -4.7 | 202 |
| | Maharashtra | 14577 | 55 | 342.9 | 126.9 | -3.1 | 519 |
| | Goa | 365 | 50 | 8.4 | 7.0 | 1.0 | 112 |
| | DD | 238 | 0 | 4.9 | 5.1 | -0.2 | 34 |
| | DNH | 555 | 0 | 13.1 | 14.1 | -1.0 | 3 |
| | Andhra Pradesh | 10844 | 2000 | 240.2 | 72.3 | 2.7 | 280 |
| SR | Karnataka | 7170 | 500 | 153.7 | 24.7 | 1.2 | 203 |
| | Kerala | 2744 | 450 | 56.7 | 40.8 | 1.1 | 284 |
| | Tamil Nadu | 9753 | 2203 | 220.2 | 70.4 | 3.5 | 460 |
| | Pondy | 270 | 0 | 5.9 | 7.2 | -1.3 | 2 |
| | Bihar | 1838 | 500 | 38.6 | 39.9 | -1.3 | 110 |
| ER | DVC | 2757 | 0 | 56.2 | -16.9 | -0.9 | 580 |
| | Jharkhand | 1068 | 0 | 21.2 | 11.9 | -1.3 | 20 |
| | Odisha | 3581 | 0 | 70.9 | 11.8 | 0.9 | 240 |
| | West Bengal | 6346 | 0 | 131.0 | 32.1 | 5.0 | 530 |
| | Sikkim | 118 | 0 | 1.5 | 2.3 | -0.8 | 0 |
| NER | Arunachal Pradesh | 80 | 10 | 1.4 | 1.3 | 0.1 | 78 |
| | Assam | 972 | 116 | 16.1 | 12.4 | -1.5 | 138 |
| | Manipur | 85 | 5 | 1.3 | 1.2 | 0.1 | 31 |
| | Meghalaya | 190 | 1 | 2.8 | 2.0 | 0.3 | 80 |
| | Mizoram | 62 | 3 | 1.1 | 0.9 | 0.2 | 13 |
| | Nagaland | 84 | 1 | 1.8 | 1.3 | 0.3 | 29 |
| | Tripura | 186 | 24 | 3.0 | 1.0 | 0.0 | 34 |

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

| | NR | WR | SR | ER | NER |
|--------------|------|-------|------|-------|------|
| Schedule(MU) | 73.4 | -56.5 | 51.8 | -81.0 | 9.0 |
| Actual(MU) | 71.2 | -60.3 | 51.5 | -73.6 | 8.0 |
| O/D/U/D(MU) | -2.2 | -3.8 | -0.3 | 7.4 | -1.0 |

E. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 3167 | 4961 | 970 | 1600 | 160 | 10858 |
| State Sector | 4040 | 7621 | 796 | 3854 | 96 | 16407 |
| Total | 7207 | 12582 | 1766 | 5454 | 256 | 27265 |

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 : 2-May-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 | 129 | -160 | 0 | -1.2 | -1.2 |
| 2 | HVDC LINK | SASARAM B/B | D/C | 0 | 0 | 5 | 0.0 | 4.7 |
| 3 | | SASARAM-SARNATH | S/C | 222 | 0 | 0 | 0 | 0 |
| 4 | | SASARAM-ALLAHABAD | S/C | 56 | -41 | 0 | 0 | 0 |
| 5 | 400 KV | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -630 | 0 | -10 | -10 |
| 6 | | PATNA-BALIA | D/C | 0 | -324 | 0 | -13.2 | -13.2 |
| 7 | | BIHARSHARIFF-BALIA | D/C | 0 | -428 | 0 | -7.9 | -7.9 |
| 8 | | BALIA-SASARAM | S/C | 28 | -87 | 0.0 | -2 | -1.6 |
| 9 | | PATNA-BALIA | D/C | 0 | -372 | 0 | 0 | 0 |
| 10 | 220 KV | SASARAM-SAHUPURI | S/C | 0 | -183 | 0 | -3.4 | -3.4 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0 | 0 | 0 |
| 12 | | GARWAH-RIHAND | S/C | 32 | 0 | 1.0 | 0 | 1.0 |
| 13 | | KARMANASA-SAHUPURI | S/C | 0 | 0 | 0 | 0 | 0 |
| 14 | | KARMANASA-CHANDAULI | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-NR | | | | | | 6 | -37.2 | -31.5 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 400 KV | ROURKELA-RAIGARH | T/C | 129 | -267 | 1.7 | 0 | 1.7 |
| 16 | | STERLITE-RAIGARH | S/C | 0 | -276 | 0 | -8.2 | -8.2 |
| 17 | | RANCHI-SIPAT | D/C | 400 | -68 | 4 | 0.0 | 3.7 |
| 18 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 12 | -101 | 0 | -0.1 | 0.1 |
| 19 | | BUDHIPADAR-KORBA | D/C | 44 | -60 | 0 | 0 | 0.0 |
| ER-WR | | | | | | 5.8 | -8.4 | -2.6 |
| Import/Export of ER (With SR) | | | | | | | | |
| 20 | HVDC | JEYPORE-GAZUWAKA B/B | D/C | 0 | -441 | 0 | -9.0 | -9.0 |
| 21 | LINK | TALCHER-KOLAR BIPOLE | D/C | 0 | -1871 | 0 | -42.9 | -42.9 |
| 22 | 400 KV | TALCHER-I/C | | 0 | -883 | 0 | -19.6 | -19.6 |
| 23 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-SR | | | | | | 0 | -28.5 | -28.5 |
| Import/Export of ER (With NER) | | | | | | | | |
| 24 | 400 KV | BINAGURI-BONGAIGAON | D/C | 0 | -510 | 0 | -8.5 | -8.5 |
| 25 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -148 | 0 | -2.2 | -2.2 |
| ER-NER | | | | | | 0 | -10.7 | -10.7 |
| Import/Export of WR (With NR) | | | | | | | | |
| 26 | HVDC | V'CHAL B/B | D/C | 5 | -150 | 5 | -1 | 4.0 |
| 27 | 765 KV | GWALIOR-AGRA | D/C | 0 | -1608 | 0 | -25.1 | -25.1 |
| 28 | 400 KV | ZERDA-KANKROLI | S/C | 4 | -59 | 3.7 | 0 | 3.7 |
| 29 | 400 KV | ZERDA -BHINMAL | S/C | 3 | -52 | 2.7 | 0 | 2.7 |
| 30 | 220 KV | BADOD-KOTA | S/C | 2 | 0 | 2.0 | 0 | 2.0 |
| 31 | | BADOD-MORAK | S/C | 1 | 0 | 0.9 | 0 | 0.9 |
| 32 | | MEHGAON-AURAIYA | S/C | 1 | 0 | 1.2 | 0 | 1.2 |
| 33 | | MALANPUR-AURAIYA | S/C | 1 | 0 | 0.6 | 0 | 0.6 |
| 34 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0 | 0 | 0 |
| WR-NR | | | | | | 15.6 | -25.6 | -10.0 |
| 35 | HVDC | APL -MHG | D/C | 0 | 1320 | 0 | -31.1 | -31.1 |
| Import/Export of WR (With SR) | | | | | | | | |
| 36 | HVDC | BHADRAWATI B/B | - | 0 | -1000 | 0 | -24 | -24 |
| 37 | LINK | 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 | 2.2 | 0 | 2.2 | 0 | 2.2 |
| WR-SR | | | | | | 2.2 | -24 | -21.3 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 41 | | BHUTAN | | | | | | 15.8 |