



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

Report for previous day

Date of Reporting

17-Jun-13

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 28155 | 29828 | 27834 | 13762 | 1782 | 101361 |
| Peak Shortage (MW) | 117 | 144 | 2447 | 213 | 181 | 3102 |
| Energy Met (MU) | 684 | 673 | 634 | 299 | 33 | 2323 |
| Hydro Gen(MU) | 244 | 38 | 40 | 60 | 13 | 395 |
| Wind Gen(MU) | 6 | 39 | 102 | ----- | ----- | 147 |

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 | 0.5 | 1.0 | 0.5 | 30.7 | 68.8 |
| SR GRID | 0.0 | 0.0 | 2.1 | 8.4 | 2.1 | 78.0 | 19.9 |

C. Power Supply Position in States

| 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 | 5349 | 0 | 106.4 | 105.2 | -12.5 | 123 |
| | Haryana | 4266 | 0 | 90.8 | 86.1 | -15.5 | 0 |
| | Rajasthan | 6073 | 0 | 141.6 | 63.3 | -3.7 | 113 |
| | Delhi | 3591 | 17 | 75.0 | 63.1 | -5.5 | 253 |
| | UP | 9628 | 0 | 199.3 | 96.5 | -0.5 | 365 |
| | Uttarakhand | 1125 | 0 | 22.6 | 12.2 | 3.5 | 475 |
| | HP | 1012 | 0 | 20.4 | -0.7 | 2.1 | 695 |
| | J&K | 1282 | 100 | 24.9 | 13.4 | -1.9 | 93 |
| WR | Chandigarh | 169 | 0 | 3.4 | 5.1 | -1.8 | 0 |
| | Chhattisgarh | 2574 | 5 | 57.8 | 16.8 | -1.1 | 340 |
| | Gujarat | 9269 | 37 | 205.5 | 53.5 | -0.1 | 310 |
| | MP | 5100 | 2 | 100.7 | 38.5 | 2.4 | 550 |
| | Maharashtra | 12834 | 100 | 282.9 | 69.4 | 8.1 | 684 |
| | Goa | 356 | 0 | 7.1 | 7.0 | -0.3 | 0 |
| | DD | 245 | 0 | 5.8 | 5.8 | 0.0 | 31 |
| SR | DNH | 571 | 0 | 13.5 | 13.9 | -0.4 | 10 |
| | Andhra Pradesh | 9607 | 1300 | 213.7 | 69.4 | 3.2 | 360 |
| | Karnataka | 6155 | 600 | 127.0 | 15.6 | 1.0 | 368 |
| | Kerala | 2529 | 0 | 42.8 | 31.2 | -0.5 | 232 |
| | Tamil Nadu | 10804 | 547 | 244.2 | 62.6 | 3.9 | 658 |
| ER | Pondy | 286 | 0 | 6.0 | 6.5 | -0.5 | 28 |
| | Bihar | 2034 | 200 | 39.2 | 39.4 | -0.2 | 100 |
| | DVC | 2547 | 0 | 52.7 | -20.6 | 2.6 | 240 |
| | Jharkhand | 834 | 0 | 17.7 | 14.2 | -3.1 | 90 |
| | Odisha | 3509 | 0 | 71.7 | 15.0 | 6.2 | 360 |
| | West Bengal | 6453 | 13 | 116.8 | 31.7 | 5.7 | 310 |
| NER | Sikkim | 74 | 0 | 1.0 | 1.1 | -0.1 | 22 |
| | Arunachal Pradesh | 95 | 5 | 1.1 | 1.2 | -0.2 | 36 |
| | Assam | 1092 | 80 | 21.7 | 14.2 | 2.2 | 225 |
| | Manipur | 96 | 2 | 1.3 | 1.7 | -0.4 | 10 |
| | Meghalaya | 236 | 4 | 4.1 | 0.5 | 0.3 | 77 |
| | Mizoram | 44 | 8 | 0.7 | 0.9 | -0.2 | 1 |
| | Nagaland | 88 | 2 | 1.2 | 1.2 | -0.2 | 25 |
| Tripura | 198 | 12 | 2.4 | 1.0 | 0.3 | 99 | |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|-------|------|-------|-----|
| Schedule(MU) | 107.3 | -71.8 | 33.8 | -77.6 | 7.2 |
| Actual(MU) | 71.1 | -58.2 | 38.1 | -57.8 | 8.8 |
| O/D/U/D(MU) | -36.2 | 13.6 | 4.3 | 19.7 | 1.6 |

E. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 6280 | 4454 | 2170 | 0 | 151 | 13055 |
| State Sector | 9960 | 12010 | 4696 | 4419 | 119 | 31204 |
| Total | 16240 | 16464 | 6866 | 4419 | 270 | 44259 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(शि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

| INTER-REGIONAL EXCHANGES | | | | | | | | |
|---------------------------------------|---------------|------------------------|---------|-----------------|-----------------|-------------------------------|--------------|--------------|
| | | | | | | Date of Reporting : 17-Jun-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 | 62 | -100 | 0 | -0.1 | -0.1 |
| 2 | HVDC LINK | SASARAM B/B | D/C | 0 | 0 | 0 | -2.9 | -2.9 |
| 3 | | SASARAM-SARNATH | S/C | 0 | 0 | 0 | 0 | 0 |
| 4 | | SASARAM-ALLAHABAD | S/C | 256 | 0 | 3 | 0 | 3 |
| 5 | 400 KV | MUZAFFARPUR-GORAKHPUR | D/C | 139 | -16 | 1 | 0 | 1 |
| 6 | | PATNA-BALIA | D/C | 0 | -700 | 0 | -12.6 | -12.6 |
| 7 | | BIHARSHARIFF-BALIA | D/C | 0 | -178 | 0 | -11.6 | -11.6 |
| 8 | | BALIA-SASARAM | S/C | 0 | -268 | 0 | -6 | -6.0 |
| 9 | | PATNA-BALIA | D/C | 17 | 0 | 0 | 0 | 0 |
| 10 | 220 KV | SASARAM-SAHUPURI | S/C | 0 | -185 | 0 | -3.9 | -3.9 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0 | 0 | 0 |
| 12 | | GARWAH-RIHAND | S/C | 59 | 0 | 1 | 0 | 0.8 |
| 13 | | KARMANASA-SAHUPURI | S/C | 0 | 0 | 0 | 0 | 0 |
| 14 | | KARMANASA-CHANDALI | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-NR | | | | | | 6 | -37.0 | -31.4 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 400 KV | ROURKELA-RAIGARH | T/C | 56 | -228 | 1.5 | 0 | 1.5 |
| 16 | | STERLITE-RAIGARH | S/C | 0 | -162 | 0 | -3.4 | -3.4 |
| 17 | | RANCHI-SIPAT | D/C | 288 | -69 | 3 | 0.0 | 3.0 |
| 18 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 0 | -135 | 0 | -1.5 | -1.5 |
| 19 | | BUDHIPADAR-KORBA | D/C | 102 | -110 | 0 | 0 | 0.1 |
| ER-WR | | | | | | 4.6 | -4.9 | -0.3 |
| Import/Export of ER (With SR) | | | | | | | | |
| 20 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -548 | 0 | -12.4 | -12.4 |
| 21 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -1790 | 0 | -36.6 | -36.6 |
| 22 | 400 KV | TALCHER-I/C | | 37 | -406 | 0 | -5.0 | -5.0 |
| 23 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-SR | | | | | | 0 | -17.3 | -17.3 |
| Import/Export of ER (With NER) | | | | | | | | |
| 24 | 400 KV | BINAGURI-BONGAIGAON | D/C | 0 | -397 | 0 | -6.0 | -6.0 |
| 25 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -160 | 0 | -2.5 | -2.5 |
| ER-NER | | | | | | 0 | -8.5 | -8.5 |
| Import/Export of WR (With NR) | | | | | | | | |
| 26 | HVDC | V'CHAL B/B | D/C | 7 | -450 | 7 | -1 | 6.3 |
| 27 | 765 KV | GWALIOR-AGRA | D/C | 0 | -1780 | 0 | -25.4 | -25.4 |
| 28 | 400 KV | ZERDA-KANKROLI | S/C | 3 | -59 | 2.5 | 0 | 2.5 |
| 29 | 400 KV | ZERDA -BHINMAL | S/C | 2 | -197 | 1.8 | 0 | 1.8 |
| 30 | 220 KV | BADOD-KOTA | S/C | 1 | -40 | 0.5 | 0 | 0.4 |
| 31 | | BADOD-MORAK | S/C | 0 | -76 | 0.1 | 0 | -0.3 |
| 32 | | MEHGAON-AURAIYA | S/C | 1 | 0 | 0.5 | 0 | 0.5 |
| 33 | | MALANPUR-AURAIYA | S/C | 0 | -11 | 0.2 | 0 | 0.0 |
| 34 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0 | 0 | 0 |
| WR-NR | | | | | | 13.0 | -27.0 | -14.2 |
| 35 | HVDC | APL -MHG | D/C | 0 | 1105 | 0 | -23.4 | -23.4 |
| Import/Export of WR (With SR) | | | | | | | | |
| 36 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0 | -20.9 | -21 |
| 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 | 1.2 | 0 | 1.2 | 0 | 1.2 |
| WR-SR | | | | | | 1.2 | -21 | -19.7 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 41 | | BHUTAN | | | | | | 23.4 |