



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

Report for previous day

Date of Reporting

29-May-13

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 37577 | 37095 | 29518 | 14348 | 1787 | 120325 |
| Peak Shortage (MW) | 1600 | 134 | 3060 | 220 | 267 | 5281 |
| Energy Met (MU) | 927 | 864 | 700 | 308 | 31 | 2831 |
| Hydro Gen(MU) | 274 | 41 | 34 | 55 | 13 | 416 |
| Wind Gen(MU) | 13 | 54 | 85 | ----- | ----- | 152 |

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 | 0.0 | 0.1 | 0.0 | 78.5 | 21.5 |
| SR GRID | 0.1 | 0.1 | 5.3 | 20.4 | 5.6 | 85.9 | 8.5 |

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 | 7340 | 0 | 153.8 | 104.9 | 1.2 | 203 |
| | Haryana | 6073 | 0 | 135.0 | 79.6 | -0.7 | 212 |
| | Rajasthan | 7740 | 0 | 172.5 | 57.7 | -6.9 | 0 |
| | Delhi | 5001 | 0 | 105.8 | 78.3 | -3.0 | 134 |
| | UP | 11947 | 1360 | 264.6 | 122.8 | -5.3 | 297 |
| | Uttarakhand | 1603 | 140 | 35.1 | 18.3 | 2.0 | 199 |
| | HP | 1149 | 0 | 24.5 | 3.7 | 0.0 | 116 |
| | J&K | 1467 | 100 | 29.5 | 20.2 | -4.1 | 12 |
| WR | Chandigarh | 315 | 0 | 6.0 | 5.7 | 0.3 | 46 |
| | Chhattisgarh | 2848 | 19 | 61.8 | 15.3 | -4.3 | 232 |
| | Gujarat | 11844 | 40 | 261.5 | 59.4 | 1.8 | 368 |
| | MP | 6765 | 5 | 141.1 | 75.4 | -2.5 | 357 |
| | Maharashtra | 17089 | 70 | 374.9 | 107.6 | 10.6 | 477 |
| | Goa | 306 | 0 | 6.3 | 9.7 | -3.8 | 38 |
| | DD | 217 | 0 | 4.7 | 4.7 | 0.1 | 47 |
| SR | DNH | 597 | 0 | 13.9 | 10.8 | 3.1 | 42 |
| | Andhra Pradesh | 10440 | 1600 | 242.0 | 84.3 | 4.0 | 284 |
| | Karnataka | 6828 | 400 | 146.4 | 26.6 | 0.0 | 466 |
| | Kerala | 2788 | 500 | 54.1 | 40.6 | 2.1 | 262 |
| | Tamil Nadu | 11022 | 540 | 250.8 | 56.4 | 1.3 | 698 |
| ER | Pondy | 306 | 20 | 6.8 | 7.4 | -0.5 | 14 |
| | Bihar | 1785 | 220 | 37.9 | 40.3 | -2.4 | 120 |
| | DVC | 2604 | 0 | 58.9 | -26.7 | 0.8 | 301 |
| | Jharkhand | 998 | 0 | 21.1 | 12.0 | -0.6 | 135 |
| | Odisha | 3106 | 0 | 64.7 | 14.4 | 2.3 | 250 |
| | West Bengal | 6669 | 0 | 124.6 | 36.9 | 3.4 | 350 |
| NER | Sikkim | 104 | 0 | 1.3 | 1.3 | 0.0 | 25 |
| | Arunachal Pradesh | 96 | 4 | 1.3 | 1.4 | 0.0 | 29 |
| | Assam | 1023 | 187 | 19.9 | 13.5 | 1.6 | 233 |
| | Manipur | 109 | 3 | 1.6 | 1.8 | -0.2 | 26 |
| | Meghalaya | 255 | 8 | 3.0 | 1.7 | -0.2 | 86 |
| | Mizoram | 50 | 2 | 1.0 | 1.0 | 0.0 | 9 |
| | Nagaland | 100 | 2 | 1.7 | 1.2 | 0.0 | 30 |
| Tripura | 206 | 2 | 2.6 | 1.4 | -0.5 | 49 | |

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

| | NR | WR | SR | ER | NER |
|--------------|------|-------|------|--------|------|
| Schedule(MU) | 88.9 | -52.9 | 53.1 | -104.3 | 6.9 |
| Actual(MU) | 79.8 | -49.3 | 53.4 | -91.7 | 0.3 |
| O/D/U/D(MU) | -9.1 | 3.6 | 0.3 | 12.6 | -6.6 |

E. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 2700 | 4645 | 1470 | 1100 | 80 | 9995 |
| State Sector | 4060 | 7588 | 2166 | 3989 | 119 | 17922 |
| Total | 6760 | 12233 | 3636 | 5089 | 199 | 27917 |

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)

INTER-REGIONAL EXCHANGES

Date of Reporting : 29-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 | 0 | -188 | 0 | -2.1 | -2.1 |
| 2 | HVDC LINK | SASARAM B/B | D/C | 0 | -100 | 0 | -2.3 | -2.3 |
| 3 | | SASARAM-SARNATH | S/C | 36 | -146 | 0 | 0 | 0 |
| 4 | | SASARAM-ALLAHABAD | S/C | 17 | -126 | 0 | 0 | 0 |
| 5 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -812 | 0 | -15 | -15 |
| 6 | 400 KV | PATNA-BALIA | D/C | 0 | -402 | 0 | -13.2 | -13.2 |
| 7 | | BIHARSHARIFF-BALIA | D/C | 0 | -471 | 0 | -6.9 | -6.9 |
| 8 | | BALIA-SASARAM | S/C | 104 | -42 | 0.5 | 0 | 0.5 |
| 9 | | PATNA-BALIA | D/C | 0 | -455 | 0 | 0 | 0 |
| 10 | 220 KV | SASARAM-SAHUPURI | S/C | 0 | -188 | 0 | -3.8 | -3.8 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0 | 0 | 0 |
| 12 | | GARWAH-RIHAND | S/C | 35 | 0 | 0.9 | 0 | 0.9 |
| 13 | | KARMANASA-SAHUPURI | S/C | 0 | 0 | 0 | 0 | 0 |
| 14 | | KARMANASA-CHANDALI | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-NR | | | | | | 1 | -43.4 | -42.0 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 400 KV | ROURKELA-RAIGARH | T/C | 0 | -449 | 0.2 | 0 | 0.2 |
| 16 | | STERLITE-RAIGARH | S/C | 0 | -457 | 0 | -16.3 | -16.3 |
| 17 | | RANCHI-SIPAT | D/C | 112 | -222 | 0 | -1.4 | -1.4 |
| 18 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 121 | -7 | 0 | -1.7 | -1.7 |
| 19 | | BUDHIPADAR-KORBA | D/C | 112 | 0 | 1 | 0 | 1.0 |
| ER-WR | | | | | | 1.2 | -19.4 | -18.2 |
| Import/Export of ER (With SR) | | | | | | | | |
| 20 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -594 | 0 | -14.4 | -14.4 |
| 21 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -2058 | 0 | -48.1 | -48.1 |
| 22 | 400 KV | TALCHER-I/C | | 0 | -806 | 0 | -16.8 | -16.8 |
| 23 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-SR | | | | | | 0 | -31.3 | -31.3 |
| Import/Export of ER (With NER) | | | | | | | | |
| 24 | 400 KV | BINAGURI-BONGAIGAON | D/C | 245 | -114 | 1 | 0.0 | 1.0 |
| 25 | 220 KV | BIRPARA-SALAKATI | D/C | 81 | -71 | 0 | -0.4 | -0.4 |
| ER-NER | | | | | | 1 | -0.4 | 0.6 |
| Import/Export of WR (With NR) | | | | | | | | |
| 26 | HVDC | V'CHAL B/B | D/C | 5 | 0 | 5 | 0 | 5.4 |
| 27 | 765 KV | GWALIOR-AGRA | D/C | 0 | -1528 | 0 | -24.8 | -24.8 |
| 28 | 400 KV | ZERDA-KANKROLI | S/C | 5 | -59 | 5.2 | 0 | 5.2 |
| 29 | 400 KV | ZERDA -BHINMAL | S/C | 4 | -19 | 4.1 | 0 | 4.1 |
| 30 | 220 KV | BADOD-KOTA | S/C | 1 | 0 | 1.2 | 0 | 1.2 |
| 31 | | BADOD-MORAK | S/C | 1 | 0 | 1.3 | 0 | 1.3 |
| 32 | | MEHGAON-AURAIYA | S/C | 1 | 0 | 0.9 | 0 | 0.9 |
| 33 | | MALANPUR-AURAIYA | S/C | 0 | 5 | 0.4 | 0 | 0.3 |
| 34 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0 | 0 | 0 |
| WR-NR | | | | | | 18.5 | -24.8 | -6.4 |
| 35 | HVDC | APL -MHG | D/C | 0 | 1500 | 0 | -23.4 | -23.4 |
| Import/Export of WR (With SR) | | | | | | | | |
| 36 | HVDC LINK | BHADRAWATI B/B | - | 0 | -965 | 0 | -22 | -22 |
| 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 | 2.1 | 0 | 2.1 | 0 | 2.1 |
| WR-SR | | | | | | 2.1 | -22 | -20.2 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 41 | | BHUTAN | | | | | | 13.9 |