



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

Report for previous day

Date of Reporting

24-Aug-13

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 36320 | 32853 | 31672 | 14761 | 1843 | 117449 |
| Peak Shortage (MW) | 2925 | 1146 | 690 | 759 | 315 | 5835 |
| Energy Met (MU) | 853 | 736 | 730 | 315 | 36 | 2669 |
| Hydro Gen(MU) | 316 | 92 | 177 | 87 | 15 | 688 |
| Wind Gen(MU) | 7 | 57 | 85 | ----- | ----- | 148 |

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 | 1.8 | 3.2 | 6.5 | 5.0 | 88.1 | 6.9 |
| SR GRID | 0.0 | 0.0 | 0.5 | 2.4 | 0.5 | 80.7 | 18.8 |

C. Power Supply Position in States

| Region/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 | 7563 | 0 | 169.7 | 119.8 | 0.1 | 145 |
| | Haryana | 6435 | 0 | 132.0 | 73.0 | 0.9 | 277 |
| | Rajasthan | 6329 | 281 | 141.0 | 56.6 | -1.7 | 243 |
| | Delhi | 4447 | 205 | 92.8 | 74.2 | 0.3 | 376 |
| | UP | 10237 | 2220 | 227.0 | 122.1 | -0.1 | 331 |
| | Uttarakhand | 1280 | 105 | 33.3 | 12.7 | -1.1 | 110 |
| | HP | 1140 | 14 | 21.8 | 0.6 | 0.1 | 140 |
| | J&K | 1483 | 100 | 29.6 | 18.1 | -2.1 | 181 |
| WR | Chandigarh | 283 | 0 | 5.4 | 5.6 | -0.2 | 9 |
| | Chhattisgarh | 2607 | 48 | 58.3 | 20.4 | 0.4 | 383 |
| | Gujarat | 10037 | 628 | 225.0 | 67.9 | -2.1 | 502 |
| | MP | 5114 | 59 | 101.7 | 37.7 | 1.8 | 469 |
| | Maharashtra | 14326 | 393 | 314.8 | 91.3 | 0.8 | 326 |
| | Goa | 384 | 4 | 7.7 | 6.4 | 0.8 | 35 |
| | DD | 265 | 3 | 6.4 | 5.5 | 1.0 | 24 |
| | DNH | 639 | 7 | 15.0 | 13.7 | 1.2 | 41 |
| | Essar steel | 302 | 3 | 6.7 | 6.5 | 0.1 | 51 |
| | SR | Andhra Pradesh | 11096 | 0 | 256.2 | 65.2 | 2.8 |
| Karnataka | | 7550 | 300 | 156.4 | 19.5 | -0.8 | 285 |
| Kerala | | 3058 | 150 | 56.8 | 20.0 | 2.2 | 356 |
| Tamil Nadu | | 11221 | 210 | 254.0 | 68.4 | -4.7 | 349 |
| Pondy | | 307 | 30 | 6.4 | 6.4 | 0.0 | 44 |
| ER | Bihar | 1903 | 200 | 39.3 | 38.7 | 0.7 | 180 |
| | DVC | 2423 | 300 | 55.4 | -22.1 | 3.5 | 300 |
| | Jharkhand | 920 | 0 | 17.9 | 15.2 | -2.6 | 50 |
| | Odisha | 3657 | 250 | 72.1 | 14.2 | -1.2 | 130 |
| | West Bengal | 6786 | 9 | 129.1 | 44.8 | 1.5 | 240 |
| NER | Sikkim | 86 | 0 | 1.2 | 0.7 | 0.4 | 19 |
| | Arunachal Pradesh | 97 | 1 | 1.3 | 1.2 | 0.1 | 45 |
| | Assam | 1138 | 176 | 22.7 | 14.2 | 3.1 | 200 |
| | Manipur | 97 | 5 | 1.4 | 1.7 | -0.4 | 22 |
| | Meghalaya | 252 | 11 | 4.4 | 0.2 | 0.1 | 100 |
| | Mizoram | 54 | 2 | 1.0 | 1.0 | 0.0 | 13 |
| | Nagaland | 92 | 3 | 1.4 | 1.3 | 0.1 | 31 |
| Tripura | 168 | 61 | 3.3 | 0.9 | 0.7 | 51 | |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|-------|------|-------|------|
| Schedule(MU) | 70.9 | -55.2 | 36.9 | -59.4 | 6.6 |
| Actual(MU) | 58.1 | -49.8 | 35.2 | -54.2 | 10.0 |
| O/D/U/D(MU) | -12.8 | 5.4 | -1.7 | 5.2 | 3.4 |

E. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 4086 | 10205 | 1590 | 3095 | 214 | 19190 |
| State Sector | 6425 | 12506 | 5566 | 5244 | 143 | 29884 |
| Total | 10511 | 22711 | 7156 | 8339 | 356 | 49073 |

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

| INTER-REGIONAL EXCHANGES | | | | | | | | |
|---------------------------------------|---------------|------------------------|---------|-----------------|-----------------|-------------------------------|--------------|--------------|
| | | | | | | Date of Reporting : 24-Aug-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 | 95 | -132 | 0 | -0.4 | -0.4 |
| 2 | | SASARAM-FATEHPUR | D/C | 0 | 0 | 0 | -3.8 | -3.8 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0 | -1 | -1 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 279 | -48 | 3 | 0 | 3 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 83 | -74 | 0 | 0 | 0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -669 | 0 | -12.1 | -12.1 |
| 7 | | PATNA-BALIA | D/C | 0 | -343 | 0 | -7.6 | -7.6 |
| 8 | | BIHARSHARIFF-BALIA | S/C | 0 | -307 | 0 | -4 | -4.3 |
| 9 | | PUSAULI-BALIA | D/C | 100 | -34 | 1 | 0 | 1 |
| 10 | 220 KV | PUSAULI-SAHUPURI | S/C | 0 | -185 | 0 | -3.0 | -3.0 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0 | 0 | 0 |
| 12 | | GARWAH-RIHAND | S/C | 42 | 0 | 1 | 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 | | | | | | 4 | -32.4 | -28.0 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 400 KV | ROURKELA-RAIGARH | T/C | 81 | -206 | 0.6 | 0 | 0.6 |
| 16 | | STERLITE-RAIGARH | S/C | 29 | -151 | 0 | -4.0 | -4.0 |
| 17 | | RANCHI-SIPAT | D/C | 354 | 0 | 5 | 0.0 | 4.8 |
| 18 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 25 | -106 | 0 | -0.9 | -0.9 |
| 19 | | BUDHIPADAR-KORBA | D/C | 120 | -31 | 1 | 0 | 1.0 |
| ER-WR | | | | | | 6.6 | -5.0 | 1.5 |
| Import/Export of ER (With SR) | | | | | | | | |
| 20 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -611 | 0 | -13.9 | -13.9 |
| 21 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -1755 | 0 | -37.1 | -37.1 |
| 22 | 400 KV | TALCHER-I/C | | 39 | -367 | 0 | -4.2 | -4.2 |
| 23 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-SR | | | | | | 0 | -18.1 | -18.1 |
| Import/Export of ER (With NER) | | | | | | | | |
| 24 | 400 KV | BINAGURI-BONGAIGAON | D/C | 0 | -403 | 0 | -6.5 | -6.5 |
| 25 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -183 | 0 | -2.9 | -2.9 |
| ER-NER | | | | | | 0 | -9.3 | -9.3 |
| Import/Export of WR (With NR) | | | | | | | | |
| 26 | HVDC | V'CHAL B/B | D/C | 6 | -50 | 6 | 0 | 5.6 |
| 27 | 765 KV | GWALIOR-AGRA | D/C | 0 | -1404 | 0 | -21.9 | -21.9 |
| 28 | 400 KV | ZERDA-KANKROLI | S/C | 4 | -59 | 4.3 | 0 | 4.3 |
| 29 | 400 KV | ZERDA -BHINMAL | S/C | 3 | -62 | 2.6 | 0 | 2.6 |
| 30 | 220 KV | BADOD-KOTA | S/C | 1 | -2 | 0.6 | 0 | 0.6 |
| 31 | | BADOD-MORAK | S/C | 0 | -24 | 0.3 | 0 | 0.2 |
| 32 | | MEHGAON-AURAIYA | S/C | 1 | 0 | 0.6 | 0 | 0.6 |
| 33 | | MALANPUR-AURAIYA | S/C | 0 | 0 | 0.3 | 0 | 0.3 |
| 34 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0 | 0 | 0 |
| WR-NR | | | | | | 14.4 | -22.1 | -7.7 |
| 35 | HVDC | APL -MHG | D/C | 0 | 983 | 0 | -22.3 | -22.3 |
| Import/Export of WR (With SR) | | | | | | | | |
| 36 | HVDC LINK | BHADRAWATI B/B | - | 0 | -888 | 0 | -18.2 | -18 |
| 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 | 0 | -1.3 | 0 | -1.3 |
| WR-SR | | | | | | -1.3 | -18 | -19.5 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 41 | | BHUTAN | | | | | | 32.9 |