



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

Report for previous day

Date of Reporting

11-Aug-14

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|----------------------------------------|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 38700 | 32940 | 28904 | 15580 | 2026 | 118150 |
| Peak Shortage (MW) | 1840 | 223 | 1550 | 210 | 287 | 4110 |
| Energy Met (MU) | 915 | 762 | 728 | 323 | 38 | 2765 |
| Hydro Gen(MU) | 336 | 61 | 109 | 79 | 17 | 602 |
| Wind Gen(MU) | 8 | 28 | 62 | ----- | ----- | 98 |

B. Frequency Profile (%)

| Region | <49.2 | <49.7 | 49.7-49.8 | 49.8-49.9 | >49.9 | 49.9-50.05 | > 50.05 |
|----------|-------|-------|-----------|-----------|-------|------------|---------|
| NEW GRID | 0.00 | 0.88 | 3.67 | 12.11 | 18.97 | 62.07 | 18.96 |
| SR GRID | 0.00 | 0.88 | 3.67 | 12.11 | 18.97 | 62.07 | 18.96 |

C. Power Supply Position in States

| Region/Region | States | Max. Demand Met during the day (MW) | Shortage during maximum Demand (MW) | Energy Met (MU) | Drawal Schedule (MU) | OD(+)/UD(-) (MU) | Max OD (MW) |
|---------------|-------------------|-------------------------------------|-------------------------------------|-----------------|----------------------|------------------|-------------|
| NR | Punjab | 8560 | 0 | 196.2 | 122.3 | 0.4 | 176 |
| | Haryana | 7879 | 0 | 163.7 | 107.8 | -1.2 | 183 |
| | Rajasthan | 6042 | 0 | 131.5 | 35.6 | -0.2 | 243 |
| | Delhi | 4476 | 0 | 88.8 | 71.5 | -3.4 | 324 |
| | UP | 11099 | 3175 | 245.3 | 129.5 | 3.3 | 610 |
| | Uttarakhand | 1541 | 0 | 33.0 | 17.2 | -0.8 | 98 |
| | HP | 1114 | 0 | 23.2 | -3.6 | 0.0 | 77 |
| | J&K | 1565 | 100 | 28.1 | 16.5 | -2.1 | 131 |
| WR | Chhattisgarh | 2588 | 42 | 61.2 | 16.6 | -0.8 | 185 |
| | Gujarat | 8725 | 0 | 192.0 | 23.4 | -1.9 | 242 |
| | MP | 6236 | 0 | 127.3 | 70.5 | -1.5 | 151 |
| | Maharashtra | 15499 | 51 | 345.7 | 116.0 | 1.1 | 735 |
| | Goa | 307 | 0 | 6.7 | 6.8 | -0.6 | 30 |
| | DD | 230 | 0 | 6.1 | 5.1 | 1.0 | 90 |
| | DNH | 672 | 0 | 15.4 | 14.3 | 1.1 | 35 |
| | Essar steel | 363 | 0 | 7.1 | 8.1 | -0.9 | 11 |
| SR | Andhra Pradesh | 6260 | 300 | 142.7 | 35.4 | 2.1 | 569 |
| | Telangana | 6233 | 800 | 138.3 | 63.3 | 4.6 | 505 |
| | Karnataka | 7237 | 300 | 148.8 | 20.1 | 3.4 | 328 |
| | Kerala | 2804 | 150 | 51.1 | 25.9 | 2.1 | 231 |
| | Tamil Nadu | 10866 | 0 | 241.2 | 71.9 | -0.2 | 353 |
| | Pondy | 277 | 0 | 6.0 | 6.0 | 0.0 | 24 |
| ER | Bihar | 2374 | 150 | 47.2 | 47.0 | -2.3 | 180 |
| | DVC | 2370 | 100 | 55.6 | -8.1 | 0.4 | 210 |
| | Jharkhand | 922 | 0 | 18.7 | 12.7 | -0.6 | 100 |
| | Odisha | 3577 | 0 | 68.7 | 22.7 | 0.7 | 250 |
| | West Bengal | 6669 | 0 | 131.9 | 40.5 | 0.4 | 225 |
| | Sikkim | 77 | 0 | 0.9 | 1.2 | -0.2 | 23 |
| NER | Arunachal Pradesh | 105 | 4 | 1.7 | 1.8 | -0.1 | 27 |
| | Assam | 1207 | 172 | 24.8 | 17.3 | 2.3 | 102 |
| | Manipur | 120 | 4 | 1.7 | 2.3 | -0.6 | 34 |
| | Meghalaya | 251 | 24 | 4.3 | 1.0 | -0.4 | 45 |
| | Mizoram | 76 | 3 | 1.1 | 1.2 | -0.4 | 13 |
| | Nagaland | 109 | 1 | 1.6 | 1.7 | -0.4 | 24 |
| | Tripura | 235 | 5 | 2.9 | 1.6 | -0.4 | 44 |

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)

| | Bhutan | Nepal | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 32.8 | -1.4 | -10.0 |
| Max MW | | -128.8 | -427.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|--------|------|-------|------|
| Schedule(MU) | 104.1 | -100.5 | 41.7 | -46.9 | 1.9 |
| Actual(MU) | 100.6 | -99.5 | 46.8 | -50.2 | 1.1 |
| O/D/U/D(MU) | -3.5 | 1.0 | 5.1 | -3.3 | -0.8 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 3468 | 8731 | 1960 | 2900 | 110 | 17169 |
| State Sector | 7555 | 13990 | 3060 | 5009 | 110 | 29724 |
| Total | 11023 | 22721 | 5020 | 7909 | 220 | 46893 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारंपरिक)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

| INTER-REGIONAL EXCHANGES | | | | | | | | |
|---------------------------------------|---------------|---------------------------------------|---------|-----------------|-----------------|-----------------------------|--------------|--------------|
| Date of Reporting : 11-Aug-14 | | | | | | | | |
| | | | | | | 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 | 0 | -38 | 0.0 | -2.3 | -2.3 |
| 2 | | SASARAM-FATEHPUR | D/C | 0 | 0 | 0.0 | -4.3 | -4.3 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 196 | -258 | 0.4 | 0.0 | 0.4 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 73 | -177 | 0.0 | -0.2 | -0.2 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -730 | 0.0 | -13.5 | -13.5 |
| 7 | | PATNA-BALIA | D/C | 1 | -47 | 0.0 | -6.1 | -6.1 |
| 8 | | BIHARSHARIFF-BALIA | S/C | 0 | -376 | 0.0 | -7.0 | -7.0 |
| 9 | 220 KV | PUSAULI-BALIA | D/C | 91 | -70 | 0.0 | -0.1 | -0.1 |
| 10 | | PUSAULI-SAHUPURI | S/C | 0 | -212 | 0.0 | -3.3 | -3.3 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 12 | | GARWAH-RIHAND | S/C | 26 | 0 | 0.7 | 0.0 | 0.7 |
| 13 | | KARMANASA-SAHUPURI | S/C | 1 | 0 | 0.0 | 0.0 | 0.0 |
| 14 | | KARMANASA-CHANDAULI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| ER-NR | | | | | | 1.1 | -36.7 | -35.6 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 765 KV | JHARSUGUDA-DHARAMJAIGARH | S/C | 0 | 0 | 2.0 | 0.0 | 2.0 |
| 16 | | RANCHI-DHARAMJAIGARH | D/C | 0 | 0 | 3.0 | 0.0 | 3.0 |
| 17 | 400 KV | ROURKELA - RAIGARH (SEL LILO BYPASS) | S/C | 0 | 0 | 2.0 | 0.0 | 2.0 |
| 18 | | JHARSUGUDA-RAIGARH | D/C | 158 | -163 | 2.4 | 0.0 | 2.4 |
| 19 | | STERLITE-RAIGARH | D/C | 1 | 0 | 0.0 | -2.9 | -2.9 |
| 20 | | RANCHI-SIPAT | D/C | 200 | 0 | 1.9 | 0.0 | 1.9 |
| 21 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 47 | 0 | 0.6 | -0.1 | 0.5 |
| 22 | | BUDHIPADAR-KORBA | D/C | 87 | 0 | 1.2 | 0.0 | 1.2 |
| ER-WR | | | | | | 13.2 | -3.0 | 10.1 |
| Import/Export of ER (With SR) | | | | | | | | |
| 23 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -745 | 0.0 | -18.3 | -18.3 |
| 23 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -1977 | 0.0 | -47.8 | -47.8 |
| 24 | 400 KV | TALCHER-I/C | | 120 | -199 | 0.0 | -6.2 | -6.2 |
| 25 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 1.2 | 0.0 | 1.2 |
| ER-SR | | | | | | 1.2 | -24.4 | -23.2 |
| Import/Export of ER (With NER) | | | | | | | | |
| 26 | 400 KV | BINAGURI-BONGAIGAON | D/C | 186 | -216 | 0.7 | 0.0 | 0.7 |
| 27 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -115 | 0.0 | -1.2 | -1.2 |
| ER-NER | | | | | | 0.7 | -1.2 | -0.5 |
| Import/Export of WR (With NR) | | | | | | | | |
| 28 | HVDC | V'CHAL B/B | D/C | 500 | -100 | 5.0 | -0.1 | 4.9 |
| 29 | 765 KV | GWALIOR-AGRA | D/C | 0 | -2102 | 0.0 | -32.5 | -32.5 |
| 30 | 400 KV | ZERDA-KANKROLI | S/C | 275 | -59 | 4.0 | 0.0 | 4.0 |
| 31 | 400 KV | ZERDA -BHINMAL | S/C | 307 | -28 | 3.9 | 0.0 | 3.9 |
| 32 | 400 KV | V'CHAL -RIHAND | S/C | 0 | -158 | 0.0 | -2.5 | -2.5 |
| 33 | 220 KV | BADOD-KOTA | S/C | 80 | 0 | 1.5 | 0.0 | 1.5 |
| 34 | | BADOD-MORAK | S/C | 66 | -16 | 0.5 | 0.0 | 0.5 |
| 35 | | MEHGAON-AURAIYA | S/C | 53 | 0 | 0.8 | 0.0 | 0.8 |
| 36 | | MALANPUR-AURAIYA | S/C | 29 | -17 | 0.3 | 0.0 | 0.2 |
| 37 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| WR-NR | | | | | | 16.0 | -35.1 | -19.2 |
| 38 | HVDC | APL -MHG | D/C | 0 | -2217 | 0.0 | -49.0 | -49.0 |
| Import/Export of WR (With SR) | | | | | | | | |
| 39 | HVDC LINK | BHADRAWATI B/B | - | 0 | -900 | 0.0 | -16.4 | -16.4 |
| 40 | | BARSUR-L.SILERU | - | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 41 | 765 KV | SOLAPUR-RAICHUR | D/C | 148 | -910 | 0.0 | -8.9 | -8.9 |
| 42 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | -110 | 0.0 | -2.0 | -2.0 |
| 43 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 44 | | XELDEM-AMBEWADI | S/C | 100 | 0 | 2.0 | 0.0 | 2.0 |
| WR-SR | | | | | | 2.0 | -27.3 | -25.3 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 45 | | BHUTAN | | | | | | 32.8 |
| 46 | | NEPAL | | | | | | -1.4 |
| 47 | | BANGLADESH | | | | | | -10.0 |