



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

Report for previous day

Date of Reporting

12-Aug-14

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 41814 | 36290 | 32400 | 16053 | 1979 | 128536 |
| Peak Shortage (MW) | 2925 | 756 | 1350 | 413 | 315 | 5759 |
| Energy Met (MU) | 948 | 745 | 768 | 338 | 38 | 2837 |
| Hydro Gen(MU) | 340 | 64 | 127 | 85 | 16 | 632 |
| Wind Gen(MU) | 14 | 35 | 60 | ----- | ----- | 108 |

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 | 1.97 | 3.67 | 21.35 | 38.05 | 49.89 | 12.06 |
| SR GRID | 0.00 | 1.97 | 3.67 | 21.35 | 38.05 | 49.89 | 12.06 |

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 | 9163 | 0 | 204.7 | 122.4 | 0.9 | 157 |
| | Haryana | 8258 | 0 | 165.3 | 103.5 | -2.3 | 382 |
| | Rajasthan | 6563 | 0 | 138.0 | 30.1 | -1.4 | 154 |
| | Delhi | 4768 | 133 | 98.9 | 76.4 | -1.0 | 243 |
| | UP | 11099 | 3070 | 241.1 | 131.9 | 4.1 | 560 |
| | Uttarakhand | 1657 | 120 | 35.1 | 16.4 | -0.5 | 103 |
| | HP | 1184 | 0 | 25.3 | -1.7 | -0.1 | 111 |
| | J&K | 1609 | 100 | 32.9 | 15.8 | 2.3 | 308 |
| WR | Chhattisgarh | 312 | 0 | 6.2 | 5.4 | 0.7 | 77 |
| | Chhattisgarh | 2672 | 261 | 61.8 | 18.4 | 2.1 | 236 |
| | Gujarat | 10181 | 46 | 219.0 | 32.3 | 1.2 | 688 |
| | MP | 6049 | 37 | 122.3 | 59.5 | 0.5 | 222 |
| | Maharashtra | 16819 | 55 | 307.3 | 116.4 | 3.6 | 580 |
| | Goa | 374 | 0 | 7.6 | 6.9 | 0.1 | 34 |
| | DD | 256 | 0 | 5.5 | 5.4 | 0.1 | 47 |
| | DNH | 668 | 0 | 14.9 | 14.9 | 0.0 | 120 |
| SR | Essar steel | 314 | 0 | 6.8 | 7.0 | -0.2 | 11 |
| | Andhra Pradesh | 6175 | 300 | 147.7 | 35.1 | 5.8 | 402 |
| | Telangana | 6267 | 600 | 146.0 | 64.4 | 5.9 | 336 |
| | Karnataka | 7729 | 300 | 157.8 | 21.7 | 0.9 | 271 |
| | Kerala | 3001 | 150 | 54.6 | 26.8 | 1.8 | 201 |
| | Tamil Nadu | 12137 | 0 | 256.0 | 74.3 | 0.7 | 379 |
| ER | Pondy | 320 | 0 | 6.3 | 6.4 | 0.0 | 22 |
| | Bihar | 2308 | 0 | 47.4 | 45.2 | 0.8 | 325 |
| | DVC | 2439 | 250 | 54.2 | -6.2 | 1.1 | 395 |
| | Jharkhand | 1000 | 0 | 20.2 | 12.7 | -0.2 | 85 |
| | Odisha | 3553 | 0 | 71.2 | 21.5 | 1.0 | 435 |
| | West Bengal | 7224 | 13 | 144.2 | 45.8 | 1.4 | 465 |
| NER | Sikkim | 83 | 0 | 1.1 | 1.2 | -0.1 | 30 |
| | Arunachal Pradesh | 107 | 2 | 1.7 | 1.9 | -0.1 | 42 |
| | Assam | 1182 | 180 | 24.8 | 16.8 | 2.7 | 143 |
| | Manipur | 130 | 2 | 1.7 | 2.3 | -0.7 | 36 |
| | Meghalaya | 271 | 4 | 4.3 | 1.4 | -0.4 | 22 |
| | Mizoram | 78 | 2 | 1.1 | 1.2 | -0.4 | 11 |
| | Nagaland | 116 | 1 | 1.7 | 1.7 | -0.3 | 17 |
| Tripura | 218 | 8 | 3.0 | 1.9 | -0.5 | 53 | |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|-------|------------|
| Actual(MU) | 32.6 | -1.4 | -9.6 |
| Max MW | | -78.0 | -423.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|--------|------|-------|------|
| Schedule(MU) | 96.9 | -102.1 | 46.8 | -43.5 | 2.2 |
| Actual(MU) | 105.6 | -115.3 | 50.3 | -39.6 | 1.8 |
| O/D/U/D(MU) | 8.7 | -13.2 | 3.5 | 3.9 | -0.4 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 3900 | 9561 | 1960 | 3380 | 185 | 18986 |
| State Sector | 6435 | 13645 | 2850 | 6339 | 110 | 29379 |
| Total | 10335 | 23206 | 4810 | 9719 | 295 | 48365 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(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 : 12-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 | 63 | -83 | 0.0 | -1.5 | -1.5 |
| 2 | | SASARAM-FATEHPUR | D/C | 0 | 0 | 0.0 | -3.7 | -3.7 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 141 | -25 | 1.3 | 0.0 | 1.3 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 60 | -21 | 0.5 | 0.0 | 0.5 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -657 | 0.0 | -12.9 | -12.9 |
| 7 | | PATNA-BALIA | D/C | 1 | -187 | 0.0 | -6.5 | -6.5 |
| 8 | | BIHARSHARIFF-BALIA | S/C | 0 | -384 | 0.0 | -7.3 | -7.3 |
| 9 | 220 KV | PUSAULI-BALIA | D/C | 0 | -59 | 0.0 | -0.8 | -0.8 |
| 10 | 132 KV | PUSAULI-SAHUPURI | S/C | 0 | -177 | 0.0 | -2.8 | -2.8 |
| 11 | | 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 | | | | | | 2.5 | -35.6 | -33.1 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 765 KV | JHARSUGUDA-DHARAMJAIGARH | S/C | 0 | 0 | 2.6 | 0.0 | 2.6 |
| 16 | | RANCHI-DHARAMJAIGARH | D/C | 0 | 0 | 4.5 | 0.0 | 4.5 |
| 17 | 400 KV | ROURKELA - RAIGARH (SEL LILO BYPASS) | S/C | 0 | 0 | 2.6 | 0.0 | 2.6 |
| 18 | | JHARSUGUDA-RAIGARH | D/C | 276 | -102 | 2.8 | 0.0 | 2.8 |
| 19 | | STERLITE-RAIGARH | D/C | 1 | 0 | 0.0 | -2.5 | -2.5 |
| 20 | | RANCHI-SIPAT | D/C | 202 | 0 | 2.8 | 0.0 | 2.8 |
| 21 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 47 | 0 | 0.7 | 0.0 | 0.7 |
| 22 | | BUDHIPADAR-KORBA | D/C | 87 | 0 | 0.8 | 0.0 | 0.8 |
| ER-WR | | | | | | 16.8 | -2.5 | 14.3 |
| Import/Export of ER (With SR) | | | | | | | | |
| 23 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -786.572 | 0.0 | -18.5 | -18.5 |
| 23 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -1980.65 | 0.0 | -47.7 | -47.7 |
| 24 | 400 KV | TALCHER-I/C | | 151.624 | -158.393 | 0.0 | -2.3 | -2.3 |
| 25 | 220 KV | BALMELA-UPPER-SILERRU | S/C | 0 | 0 | 0.8 | 0.0 | 0.8 |
| ER-SR | | | | | | 0.8 | -20.8 | -20.0 |
| Import/Export of ER (With NER) | | | | | | | | |
| 26 | 400 KV | BINAGURI-BONGAIGAON | D/C | 178 | -135 | 0.0 | -0.2 | -0.2 |
| 27 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -101 | 0.9 | 0.0 | 0.9 |
| ER-NER | | | | | | 0.9 | -0.2 | 0.8 |
| Import/Export of WR (With NR) | | | | | | | | |
| 28 | HVDC | V'CHAL B/B | D/C | 200 | -250 | 3.0 | -0.8 | 2.2 |
| 29 | 765 KV | GWALIOR-AGRA | D/C | 0 | -2210 | 0.0 | -34.8 | -34.8 |
| 30 | 400 KV | ZERDA-KANKROLI | S/C | 327 | -59 | 4.7 | 0.0 | 4.7 |
| 31 | 400 KV | ZERDA -BHINMAL | S/C | 358 | 0 | 5.0 | 0.0 | 5.0 |
| 32 | 400 KV | V'CHAL -RIHAND | S/C | 0 | -149 | 0.0 | -2.7 | -2.7 |
| 33 | 220 KV | BADOD-KOTA | S/C | 98 | 0 | 1.6 | 0.0 | 1.6 |
| 34 | | BADOD-MORAK | S/C | 85 | 0 | 1.3 | 0.0 | 1.3 |
| 35 | | MEHGAON-AURAIYA | S/C | 54 | 0 | 0.7 | 0.0 | 0.7 |
| 36 | | MALANPUR-AURAIYA | S/C | 26 | -13 | 0.2 | 0.0 | 0.2 |
| 37 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| WR-NR | | | | | | 16.5 | -38.3 | -21.8 |
| 38 | HVDC | APL -MHG | D/C | 0 | -2200 | 0.0 | -44.6 | -44.6 |
| Import/Export of WR (With SR) | | | | | | | | |
| 39 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0.0 | -22.2 | -22.2 |
| 40 | | BARSUR-L.SILERU | - | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 41 | 765 KV | SOLAPUR-RAICHUR | D/C | 226 | -834 | 0.0 | -7.7 | -7.7 |
| 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 | 104 | 0 | 2.0 | 0.0 | 2.0 |
| WR-SR | | | | | | 2.0 | -31.9 | -29.9 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 45 | | BHUTAN | | | | | | 32.6 |
| 46 | | NEPAL | | | | | | -1.4 |
| 47 | | BANGLADESH | | | | | | -9.6 |