

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

Report for previous day

Date of Reporting

28-Oct-14

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 36982 | 37902 | 29785 | 15659 | 2016 | 122344 |
| Peak Shortage (MW) | 1170 | 89 | 2038 | 415 | 216 | 3928 |
| Energy Met (MU) | 785 | 888 | 631 | 320 | 36 | 2660 |
| Hydro Gen(MU) | 132 | 33 | 67 | 45 | 12 | 289 |
| Wind Gen(MU) | 2 | 9 | 4 | ----- | ----- | 15 |

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 | 0.09 | 2.71 | 12.51 | 15.31 | 56.74 | 27.95 |
| SR GRID | 0.00 | 0.09 | 2.71 | 12.51 | 15.31 | 56.74 | 27.95 |

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 | 5068 | 0 | 104.0 | 58.6 | 1.5 | 224 |
| | Haryana | 6025 | 0 | 110.8 | 68.3 | 0.6 | 291 |
| | Rajasthan | 8861 | 0 | 188.4 | 49.9 | 1.7 | 335 |
| | Delhi | 3479 | 0 | 68.1 | 45.1 | 0.3 | 272 |
| | UP | 9259 | 2855 | 224.7 | 94.2 | 1.4 | 391 |
| | Uttarakhand | 1546 | 150 | 29.5 | 18.1 | 1.6 | 264 |
| | HP | 1241 | 0 | 23.2 | 13.3 | 1.7 | 161 |
| | J&K | 1810 | 0 | 32.9 | 24.2 | 2.4 | 429 |
| WR | Chhattisgarh | 194 | 0 | 3.6 | 3.5 | 0.1 | 29 |
| | Gujarat | 2807 | 18 | 61.5 | 5.5 | -0.4 | 281 |
| | MP | 10515 | 0 | 242.4 | 38.6 | 1.4 | 385 |
| | Maharashtra | 8241 | 0 | 183.2 | 103.7 | 0.4 | 379 |
| | Goa | 17624 | 66 | 366.7 | 121.9 | 3.4 | 910 |
| | DD | 365 | 0 | 7.5 | 8.3 | -1.3 | 26 |
| | DNH | 243 | 0 | 5.3 | 5.4 | 0.0 | 28 |
| | Essar steel | 617 | 0 | 14.2 | 14.5 | -0.2 | 12 |
| SR | Andhra Pradesh | 329 | 0 | 6.7 | 7.1 | -0.4 | 65 |
| | Telangana | 4955 | 500 | 101.2 | 19.0 | -3.3 | 313 |
| | Karnataka | 5491 | 300 | 119.8 | 62.3 | 4.1 | 276 |
| | Kerala | 6920 | 300 | 128.4 | 12.3 | 1.1 | 400 |
| | Tamil Nadu | 3192 | 150 | 58.5 | 29.8 | 1.7 | 268 |
| | Pondy | 9959 | 788 | 218.0 | 67.2 | 0.9 | 316 |
| ER | Bihar | 282 | 0 | 5.3 | 5.7 | -0.4 | 33 |
| | DVC | 2794 | 150 | 51.5 | 52.2 | -2.9 | 260 |
| | Jharkhand | 2671 | 0 | 55.5 | -16.2 | -0.6 | 290 |
| | Odisha | 1007 | 0 | 21.4 | 13.6 | -0.2 | 80 |
| | West Bengal | 3567 | 200 | 70.9 | 21.5 | 3.0 | 320 |
| | Sikkim | 6539 | 0 | 119.8 | 22.5 | 1.7 | 300 |
| NER | Arunachal Pradesh | 96 | 0 | 1.3 | 1.2 | 0.1 | 25 |
| | Assam | 106 | 4 | 1.8 | 1.6 | 0.2 | 39 |
| | Manipur | 1245 | 70 | 21.5 | 13.2 | 1.9 | 186 |
| | Meghalaya | 129 | 6 | 1.9 | 2.2 | -0.4 | 38 |
| | Mizoram | 268 | 7 | 4.6 | 2.5 | -0.4 | 56 |
| | Nagaland | 72 | 1 | 1.2 | 1.1 | 0.1 | 18 |
| | Tripura | 97 | 9 | 1.8 | 1.5 | -0.1 | 30 |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|-------|------------|
| Actual(MU) | 13.8 | -1.3 | -10.9 |
| Max MW | | -80.0 | -459.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|--------|------|-------|-----|
| Schedule(MU) | 107.4 | -91.2 | 33.3 | -54.0 | 2.2 |
| Actual(MU) | 119.1 | -103.5 | 33.5 | -52.7 | 2.4 |
| O/D/U/D(MU) | 11.7 | -12.3 | 0.2 | 1.3 | 0.2 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 3899 | 9133 | 3260 | 2420 | 140 | 18852 |
| State Sector | 7330 | 11542 | 2652 | 5601 | 110 | 27235 |
| Total | 11229 | 20675 | 5912 | 8021 | 250 | 46087 |

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 : 28-Oct-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 | -366 | 0.0 | -3.3 | -3.3 |
| 2 | | SASARAM-FATEHPUR | D/C | 0 | 0 | 0.0 | -4.4 | -4.4 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0.0 | -9.1 | -9.1 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 80 | -255 | 0.0 | 0.0 | 0.0 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 0 | -214 | 0.0 | 0.0 | 0.0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -659 | 0.0 | -9.6 | -9.6 |
| 7 | | PATNA-BALIA | D/C | 0 | -232 | 0.0 | -8.3 | -8.3 |
| 8 | | BIHARSHARIFF-BALIA | S/C | 0 | -351 | 0.0 | -5.2 | -5.2 |
| 9 | 220 KV | PUSAULI-BALIA | D/C | 136 | 0 | 2.1 | 0.0 | 2.1 |
| 10 | 132 KV | PUSAULI-SAHUPURI | S/C | 0 | -166 | 0.0 | -2.6 | -2.6 |
| 11 | | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 12 | | GARWAH-RIHAND | S/C | 25 | 0 | 0.9 | 0.0 | 0.9 |
| 13 | | KARMANASA-SAHUPURI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 14 | | KARMANASA-CHANDAULI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| ER-NR | | | | | | 3.0 | -42.4 | -39.5 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 765 KV | JHARSUGUDA-DHARAMJAIGARH | S/C | 0 | 107 | 0.0 | 0.5 | 0.5 |
| 16 | | RANCHI-DHARAMJAIGARH | D/C | -81 | 177 | 0.0 | 1.4 | 1.4 |
| 17 | 400 KV | ROURKELA - RAIGARH (SEL LILO BYPASS) | S/C | 0 | 0 | 0.3 | 0.0 | 0.3 |
| 18 | | JHARSUGUDA-RAIGARH | D/C | #N/A | #N/A | 0.9 | 0.0 | 0.9 |
| 19 | | STERLITE-RAIGARH | D/C | 81 | -311 | 0 | -4 | -3.2 |
| 20 | | RANCHI-SIPAT | D/C | 116 | -99 | 0.2 | 0.0 | 0.2 |
| 21 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 0 | -203 | 0.0 | -2.8 | -2.8 |
| 22 | | BUDHIPADAR-KORBA | D/C | 25 | -295 | 0.0 | -1.2 | -1.2 |
| ER-WR | | | | | | 1.7 | -5.6 | -3.9 |
| Import/Export of ER (With SR) | | | | | | | | |
| 23 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 23 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -1967.11 | 0.0 | -38.7 | -38.7 |
| 24 | 400 KV | TALCHER-I/C | | 55 | -540.161 | 0 | -4.94971 | -4.94971 |
| 25 | 220 KV | BALMELA-UPPER-SILERRU | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| ER-SR | | | | | | 0.0 | -4.9 | -4.9 |
| Import/Export of ER (With NER) | | | | | | | | |
| 26 | 400 KV | BINAGURI-BONGAIGAON | D/C | 70 | -284 | 0.0 | -1.4 | -1.4 |
| 27 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -101 | 0.0 | -1.0 | -1.0 |
| ER-NER | | | | | | 0.0 | -2.4 | -2.4 |
| Import/Export of WR (With NR) | | | | | | | | |
| 28 | HVDC | V'CHAL B/B | D/C | 300 | -300 | 3.0 | -2.0 | 1.0 |
| 29 | 765 KV | GWALIOR-AGRA | D/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 30 | 400 KV | ZERDA-KANKROLI | S/C | 265 | -59 | 4.4 | 0.0 | 4.4 |
| 31 | 400 KV | ZERDA -BHINMAL | S/C | 267 | 0 | 0.0 | 0.0 | 0.0 |
| 32 | 400 KV | V'CHAL -RIHAND | S/C | 0 | -384 | 0 | -2.64 | -2.64 |
| 33 | 220 KV | BADOD-KOTA | S/C | 112 | 0 | 2.4 | 0.0 | 2.4 |
| 34 | | BADOD-MORAK | S/C | 109 | 0 | 2.3 | 0.0 | 2.3 |
| 35 | | MEHGAON-AURAIYA | S/C | 148 | 0 | 3.1 | 0.0 | 3.1 |
| 36 | | MALANPUR-AURAIYA | S/C | 118 | 0 | 2.5 | 0.0 | 2.5 |
| 37 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| WR-NR | | | | | | 17.7 | -4.6 | 13.1 |
| 38 | HVDC | APL -MHG | D/C | 0 | -1915 | 0.0 | -51.8 | -51.8 |
| Import/Export of WR (With SR) | | | | | | | | |
| 39 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0.0 | -23.6 | -23.6 |
| 40 | | BARSUR-L.SILERU | - | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 41 | 765 KV | SOLAPUR-RAICHUR | D/C | 687 | -705 | 0.0 | -5.2 | -5.2 |
| 42 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | -108 | 0.0 | -1.9 | -1.9 |
| 43 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 44 | | XELDEM-AMBEWADI | S/C | 90 | 0 | 1.9 | 0.0 | 1.9 |
| WR-SR | | | | | | 1.9 | -30.7 | -28.8 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 45 | | BHUTAN | | | | | | 13.8 |
| 46 | | NEPAL | | | | | | -1.3 |
| 47 | | BANGLADESH | | | | | | -10.9 |