



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

Report for previous day

Date of Reporting

15-Nov-13

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 32562 | 36661 | 29540 | 13758 | 1735 | 114256 |
| Peak Shortage (MW) | 2213 | 435 | 3332 | 831 | 286 | 7097 |
| Energy Met (MU) | 705 | 877 | 687 | 277 | 32 | 2578 |
| Hydro Gen(MU) | 114 | 81 | 107 | 38 | 10 | 351 |
| Wind Gen(MU) | 7 | 10 | 8 | ----- | ----- | 26 |

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 | 6.3 | 12.9 | 6.3 | 92.0 | 1.7 |
| SR GRID | 0.0 | 0.0 | 2.1 | 8.1 | 2.1 | 96.0 | 1.9 |

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 | 4353 | 0 | 84.0 | 43.0 | 1.8 | 244 |
| | Haryana | 4714 | 458 | 95.8 | 40.0 | 2.0 | 301 |
| | Rajasthan | 8446 | 0 | 174.4 | 72.0 | -4.5 | 300 |
| | Delhi | 3161 | 0 | 56.7 | 42.9 | -1.6 | 337 |
| | UP | 9024 | 1580 | 201.9 | 73.9 | -0.7 | 334 |
| | Uttarakhand | 1567 | 75 | 29.2 | 17.7 | 1.9 | 194 |
| | HP | 1298 | 0 | 23.8 | 15.4 | 1.6 | 166 |
| | J&K | 1782 | 100 | 36.4 | 28.3 | 0.3 | 186 |
| | Chandigarh | 180 | 0 | 3.3 | 3.1 | 0.2 | 25 |
| | Chhattisgarh | 2733 | 9 | 54.8 | 6.2 | -2.4 | 291 |
| WR | Gujarat | 10741 | 0 | 236.9 | 43.5 | 3.8 | 345 |
| | MP | 8705 | 5 | 186.7 | 114.7 | -4.9 | 350 |
| | Maharashtra | 17209 | 420 | 364.5 | 106.2 | -0.5 | 332 |
| | Goa | 387 | 0 | 8.3 | 7.1 | 0.5 | 60 |
| | DD | 240 | 0 | 5.8 | 5.7 | 0.1 | 58 |
| | DNH | 645 | 0 | 15.1 | 14.7 | 0.3 | 51 |
| | Essar steel | 226 | 0 | 4.7 | 4.7 | 0.0 | 51 |
| | Andhra Pradesh | 10358 | 0 | 227.4 | 81.8 | 2.3 | 341 |
| | Karnataka | 8004 | 600 | 172.4 | 20.5 | 1.3 | 404 |
| | Kerala | 3252 | 200 | 60.0 | 32.1 | 2.2 | 218 |
| SR | Tamil Nadu | 9563 | 2512 | 221.6 | 67.2 | 2.8 | 524 |
| | Pondy | 305 | 20 | 5.9 | 6.0 | -0.1 | 34 |
| | Bihar | 1829 | 800 | 32.9 | 36.6 | -3.8 | 230 |
| | DVC | 2398 | 0 | 54.9 | -19.5 | -1.1 | 200 |
| | Jharkhand | 872 | 0 | 20.6 | 12.5 | -1.3 | 100 |
| ER | Odisha | 3403 | 0 | 62.8 | 4.6 | -1.8 | 180 |
| | West Bengal | 5824 | 31 | 103.6 | 17.2 | 8.3 | 350 |
| | Sikkim | 99 | 0 | 1.9 | 1.2 | 0.7 | 20 |
| | Arunachal Pradesh | 105 | 8 | 1.6 | 1.2 | 0.4 | 57 |
| NER | Assam | 1004 | 167 | 18.2 | 12.0 | 1.4 | 202 |
| | Manipur | 108 | 4 | 1.5 | 1.6 | -0.1 | 43 |
| | Meghalaya | 260 | 1 | 4.7 | 2.9 | -0.4 | 59 |
| | Mizoram | 63 | 1 | 1.2 | 1.0 | -0.1 | 20 |
| | Nagaland | 93 | 4 | 1.4 | 1.1 | 0.1 | 24 |
| | Tripura | 185 | 7 | 3.3 | 0.1 | 0.6 | 37 |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|-------|------------|
| Actual(MU) | 9.5 | -1.1 | -4.1 |
| Max MW | | | -181.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|------|-------|------|-------|-----|
| Schedule(MU) | 65.7 | -22.1 | 43.5 | -92.6 | 6.9 |
| Actual(MU) | 63.0 | -21.0 | 43.2 | -94.9 | 8.5 |
| O/D/U/D(MU) | -2.7 | 1.1 | -0.3 | -2.3 | 1.6 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 2188 | 9068 | 2330 | 1200 | 140 | 14926 |
| State Sector | 7235 | 9464 | 3316 | 5149 | 119 | 25282 |
| Total | 9423 | 18532 | 5646 | 6349 | 259 | 40208 |

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

| INTER-REGIONAL EXCHANGES | | | | | | Date of Reporting : 15-Nov-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 | 0 | -423 | 0 | -5.9 | -5.9 |
| 2 | | SASARAM-FATEHPUR | D/C | 0 | 0 | 0 | 0.0 | 0.0 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0 | -5 | -5 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 0 | -65 | 0 | 0 | 0 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 0 | -195 | 0 | 0 | 0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -843 | 0 | -13.8 | -13.8 |
| 7 | | PATNA-BALIA | D/C | 0 | -354 | 0 | -13.2 | -13.2 |
| 8 | | BIHARSHARIFF-BALIA | S/C | 0 | -467 | 0 | -8 | -8.1 |
| 9 | | PUSAULI-BALIA | D/C | 28 | -97 | 0 | -1 | -1 |
| 10 | 220 KV | PUSAULI-SAHUPURI | S/C | 0 | -204 | 0 | -2.7 | -2.7 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0 | 0 | 0 |
| 12 | | GARWAH-RIHAND | S/C | 49 | 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 | | | | | | 1 | -49.3 | -48.5 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 400 KV | JHARSUGUDA-RAIGARH | D/C | 63 | -487 | 0.0 | -1 | -1.2 |
| 16 | | STERLITE-RAIGARH | D/C | 0 | -323 | 0 | -7.7 | -7.7 |
| 17 | | RANCHI-SIPAT | D/C | 129 | -561 | 0 | -3.6 | -3.6 |
| 18 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 5 | -179 | 0 | -1.8 | -1.8 |
| 19 | | BUDHIPADAR-KORBA | D/C | 0 | -277 | 0 | -4 | -3.5 |
| ER-WR | | | | | | 0.0 | -17.8 | -17.8 |
| Import/Export of ER (With SR) | | | | | | | | |
| 20 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -732 | 0 | -14.9 | -14.9 |
| 21 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -2388 | 0 | -50.9 | -50.9 |
| 22 | 400 KV | TALCHER-I/C | | 7 | -519 | 0 | -5.0 | -5.0 |
| 23 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-SR | | | | | | 0 | -19.9 | -19.9 |
| Import/Export of ER (With NER) | | | | | | | | |
| 24 | 400 KV | BINAGURI-BONGAIGAON | D/C | 0 | -436 | 0 | -6.1 | -6.1 |
| 25 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -140 | 0 | -2.1 | -2.1 |
| ER-NER | | | | | | 0 | -8.3 | -8.3 |
| Import/Export of WR (With NR) | | | | | | | | |
| 26 | HVDC | V'CHAL B/B | D/C | 12 | 0 | 12 | 0 | 11.5 |
| 27 | 765 KV | GWALIOR-AGRA | D/C | 0 | -964 | 0 | -11.4 | -11.4 |
| 28 | 400 KV | ZERDA-KANKROLI | S/C | 6 | -59 | 5.8 | 0 | 5.8 |
| 29 | 400 KV | ZERDA -BHINMAL | S/C | 3 | -36 | 2.6 | 0 | 2.6 |
| 30 | 220 KV | BADOD-KOTA | S/C | 2 | 0 | 2.1 | 0 | 2.1 |
| 31 | | BADOD-MORAK | S/C | 1 | 0 | 0.9 | 0 | 0.9 |
| 32 | | MEHGAON-AURAIYA | S/C | 2 | 0 | 1.6 | 0 | 1.6 |
| 33 | | MALANPUR-AURAIYA | S/C | 2 | 0 | 2.4 | 0 | 2.4 |
| 34 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0 | 0 | 0 |
| WR-NR | | | | | | 26.9 | -11.4 | 15.5 |
| 35 | HVDC | APL -MHG | D/C | 0 | 1500 | 0 | -31.4 | -31.4 |
| Import/Export of WR (With SR) | | | | | | | | |
| 36 | HVDC LINK | BHADRAWATI B/B | - | 0 | -995 | 0 | -23.2 | -23 |
| 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 | 0 | 1.9 | 0 | 1.9 |
| WR-SR | | | | | | 1.9 | -23 | -21.4 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 41 | | BHUTAN | | | | | | 9.5 |