



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

Report for previous day

Date of Reporting

1-Nov-13

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 33431 | 39233 | 31191 | 14731 | 1817 | 120403 |
| Peak Shortage (MW) | 2682 | 92 | 1136 | 400 | 261 | 4571 |
| Energy Met (MU) | 710 | 883 | 695 | 286 | 32 | 2606 |
| Hydro Gen(MU) | 117 | 68 | 108 | 59 | 12 | 364 |
| Wind Gen(MU) | 6 | 5 | 6 | ----- | ----- | 18 |

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 | 1.2 | 9.6 | 1.2 | 98.4 | 0.4 |
| SR GRID | 0.0 | 0.0 | 2.5 | 11.5 | 2.5 | 90.1 | 7.4 |

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 | 4531 | 0 | 87.6 | 49.6 | 2.0 | 249 |
| | Haryana | 5131 | 307 | 96.0 | 44.1 | -1.5 | 281 |
| | Rajasthan | 7782 | 0 | 166.9 | 87.0 | -1.9 | 368 |
| | Delhi | 3543 | 0 | 65.4 | 47.4 | -0.2 | 235 |
| | UP | 9388 | 2200 | 207.8 | 75.6 | -3.4 | 404 |
| | Uttarakhand | 1519 | 75 | 28.9 | 17.7 | 1.7 | 242 |
| | HP | 1230 | 0 | 22.9 | 12.2 | 1.9 | 217 |
| | J&K | 1605 | 100 | 31.4 | 21.2 | 2.7 | 390 |
| | Chandigarh | 186 | 0 | 3.3 | 3.5 | -0.2 | 7 |
| WR | Chhattisgarh | 2726 | 9 | 57.3 | 10.2 | -1.6 | 177 |
| | Gujarat | 11045 | 14 | 245.5 | 49.1 | -2.3 | 426 |
| | MP | 7937 | 0 | 174.3 | 99.6 | -4.1 | 261 |
| | Maharashtra | 16945 | 59 | 370.9 | 131.1 | 6.4 | 601 |
| | Goa | 411 | 10 | 8.6 | 7.6 | 0.3 | 71 |
| | DD | 249 | 0 | 5.8 | 6.0 | -0.1 | 36 |
| | DNH | 640 | 0 | 15.1 | 14.7 | 0.3 | 25 |
| | Essar steel | 254 | 0 | 5.3 | 4.9 | 0.3 | 51 |
| | SR | Andhra Pradesh | 10379 | 0 | 225.3 | 72.7 | 0.5 |
| Karnataka | | 7483 | 300 | 150.8 | 20.8 | 1.0 | 159 |
| Kerala | | 3087 | 150 | 58.7 | 24.7 | 1.4 | 360 |
| Tamil Nadu | | 11438 | 666 | 253.3 | 87.8 | -1.7 | 241 |
| Pondy | | 308 | 20 | 6.4 | 6.3 | 0.0 | 38 |
| ER | Bihar | 2136 | 200 | 39.6 | 38.6 | 1.0 | 160 |
| | DVC | 2363 | 200 | 53.1 | -19.7 | 0.4 | 430 |
| | Jharkhand | 1033 | 0 | 20.1 | 12.9 | -1.1 | 210 |
| | Odisha | 3352 | 0 | 62.0 | 8.2 | -2.6 | 200 |
| | West Bengal | 6301 | 0 | 109.9 | 19.8 | 2.1 | 160 |
| NER | Sikkim | 91 | 0 | 1.4 | 1.0 | 0.4 | 26 |
| | Arunachal Pradesh | 112 | 3 | 1.3 | 0.9 | 0.4 | 65 |
| | Assam | 1031 | 163 | 20.3 | 10.9 | 3.9 | 160 |
| | Manipur | 111 | 4 | 1.3 | 1.5 | -0.2 | 33 |
| | Meghalaya | 276 | 4 | 4.1 | 2.0 | -0.4 | 94 |
| | Mizoram | 58 | 2 | 1.1 | 0.8 | 0.1 | 34 |
| | Nagaland | 93 | 2 | 1.2 | 0.8 | 0.1 | 37 |
| | Tripura | 174 | 32 | 3.2 | 0.3 | 0.3 | 36 |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|-------|------------|
| Actual(MU) | 16.3 | -1.5 | -3.9 |
| Max MW | | | -180.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|------|-------|------|-------|------|
| Schedule(MU) | 88.6 | -55.2 | 43.7 | -92.5 | 8.5 |
| Actual(MU) | 92.2 | -53.7 | 43.5 | -91.6 | 8.1 |
| O/D/U/D(MU) | 3.6 | 1.5 | -0.2 | 0.9 | -0.4 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 1926 | 5644 | 2880 | 1700 | 419 | 12569 |
| State Sector | 5940 | 10455 | 2926 | 6014 | 119 | 25454 |
| Total | 7866 | 16099 | 5806 | 7714 | 538 | 38023 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारंपरण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(वि०प्र०)/
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

| INTER-REGIONAL EXCHANGES | | | | | | | | |
|---------------------------------------|---------------|------------------------|---------|-----------------|-----------------|------------------------------|--------------|--------------|
| | | | | | | Date of Reporting : 1-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 | -390 | 0 | -6.3 | -6.3 |
| 2 | | SASARAM-FATEHPUR | D/C | 0 | 0 | 0 | 0.0 | 0.0 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0 | 0 | 0 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 298 | -137 | 0 | 0 | 0 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 0 | -249 | 0 | -3 | -3 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -871 | 0 | -14.0 | -14.0 |
| 7 | | PATNA-BALIA | D/C | 0 | -316 | 0 | -12.7 | -12.7 |
| 8 | | BIHARSHARIFF-BALIA | S/C | 0 | -435 | 0 | -8 | -7.8 |
| 9 | | PUSAULI-BALIA | D/C | 0 | -96 | 0 | 0 | 0 |
| 10 | 220 KV | PUSAULI-SAHUPURI | S/C | 0 | -197 | 0 | -2.8 | -2.8 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0 | 0 | 0 |
| 12 | | GARWAH-RIHAND | S/C | 46 | 0 | 1 | 0 | 0.9 |
| 13 | | KARMANASA-SAHUPURI | S/C | 0 | 0 | 0 | 0 | 0 |
| 14 | | KARMANASA-CHANDAULI | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-NR | | | | | | 1 | -47.5 | -46.7 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 400 KV | ROURKELA-RAIGARH | T/C | 17 | -462 | 0.1 | 0 | 0.1 |
| 16 | | STERLITE-RAIGARH | S/C | 0 | -360 | 0 | -9.0 | -9.0 |
| 17 | | RANCHI-SIPAT | D/C | 151 | -476 | 0 | -3.2 | -3.2 |
| 18 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 0 | -152 | 0 | -2.0 | -2.0 |
| 19 | | BUDHIPADAR-KORBA | D/C | 0 | -227 | 0 | -3 | -2.8 |
| ER-WR | | | | | | 0.1 | -16.9 | -16.8 |
| Import/Export of ER (With SR) | | | | | | | | |
| 20 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -590 | 0 | -14.5 | -14.5 |
| 21 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -2285 | 0 | -50.2 | -50.2 |
| 22 | 400 KV | TALCHER-I/C | | 0 | -481 | 0 | -5.8 | -5.8 |
| 23 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-SR | | | | | | 0 | -20.4 | -20.4 |
| Import/Export of ER (With NER) | | | | | | | | |
| 24 | 400 KV | BINAGURI-BONGAIGAON | D/C | 0 | -362 | 0 | -5.2 | -5.2 |
| 25 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -138 | 0 | -2.4 | -2.4 |
| ER-NER | | | | | | 0 | -7.6 | -7.6 |
| Import/Export of WR (With NR) | | | | | | | | |
| 26 | HVDC | V'CHAL B/B | D/C | 8 | -200 | 8 | 0 | 7.1 |
| 27 | 765 KV | GWALIOR-AGRA | D/C | 0 | -1522 | 0 | -23.0 | -23.0 |
| 28 | 400 KV | ZERDA-KANKROLI | S/C | 1 | -59 | 1.1 | 0 | 1.1 |
| 29 | 400 KV | ZERDA -BHINMAL | S/C | 0 | -216 | 0.0 | -2 | -1.7 |
| 30 | 220 KV | BADOD-KOTA | S/C | 2 | 0 | 1.6 | 0 | 1.6 |
| 31 | | BADOD-MORAK | S/C | 0 | -35 | 0.4 | 0 | 0.3 |
| 32 | | MEHGAON-AURAIYA | S/C | 1 | 0 | 1.3 | 0 | 1.3 |
| 33 | | MALANPUR-AURAIYA | S/C | 1 | 0 | 0.8 | 0 | 0.8 |
| 34 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0 | 0 | 0 |
| WR-NR | | | | | | 12.7 | -25.2 | -12.5 |
| 35 | HVDC | APL -MHG | D/C | 0 | 1495 | 0 | -34.2 | -34.2 |
| Import/Export of WR (With SR) | | | | | | | | |
| 36 | HVDC LINK | BHADRAWATI B/B | - | 0 | -995 | 0 | -23.6 | -24 |
| 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 | 1.5 | 0 | 1.5 |
| WR-SR | | | | | | 1.5 | -24 | -22.1 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 41 | | BHUTAN | | | | | | 16.3 |