

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

Report for previous day

Date of Reporting

2-Nov-14

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 37086 | 39082 | 30268 | 15651 | 2040 | 124127 |
| Peak Shortage (MW) | 1815 | 708 | 1300 | 433 | 178 | 4434 |
| Energy Met (MU) | 781 | 945 | 685 | 323 | 36 | 2770 |
| Hydro Gen(MU) | 117 | 37 | 73 | 40 | 9 | 276 |
| Wind Gen(MU) | 1 | 16 | 9 | ----- | ----- | 25 |

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 | 0.36 | 3.61 | 17.00 | 20.97 | 48.88 | 30.15 |
| SR GRID | 0.00 | 0.36 | 3.61 | 17.00 | 20.97 | 48.88 | 30.15 |

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 | 4794 | 0 | 98.5 | 50.0 | 0.5 | 212 |
| | Haryana | 5943 | 0 | 112.2 | 55.7 | -2.1 | 194 |
| | Rajasthan | 9463 | 0 | 197.3 | 62.3 | 1.7 | 333 |
| | Delhi | 3091 | 0 | 60.1 | 41.7 | -3.1 | 230 |
| | UP | 9306 | 2570 | 219.0 | 83.4 | 0.9 | 326 |
| | Uttarakhand | 1623 | 75 | 30.0 | 19.8 | 1.2 | 178 |
| | HP | 1305 | 0 | 23.7 | 16.0 | 1.1 | 149 |
| | J&K | 1974 | 0 | 36.5 | 26.1 | 2.1 | 204 |
| WR | Chhattisgarh | 185 | 0 | 3.3 | 3.2 | 0.2 | 31 |
| | Gujarat | 3000 | 18 | 63.4 | 11.3 | -0.4 | 242 |
| | MP | 11985 | 29 | 267.9 | 41.7 | 1.7 | 426 |
| | Maharashtra | 8851 | 0 | 189.1 | 110.0 | -2.3 | 214 |
| | Goa | 18765 | 654 | 389.0 | 123.1 | -8.0 | 570 |
| | DD | 406 | 0 | 7.8 | 7.6 | -0.3 | 57 |
| | DNH | 270 | 0 | 5.9 | 6.1 | -0.2 | 3 |
| | Essar steel | 598 | 0 | 15.8 | 14.4 | 1.4 | 22 |
| SR | Andhra Pradesh | 362 | 0 | 6.6 | 6.6 | 0.0 | 31 |
| | Telangana | 5339 | 300 | 122.8 | 26.6 | 2.9 | 333 |
| | Karnataka | 5881 | 400 | 127.6 | 65.6 | 3.2 | 435 |
| | Kerala | 6831 | 300 | 140.3 | 19.9 | 1.5 | 256 |
| | Tamil Nadu | 3021 | 300 | 59.6 | 28.6 | 1.3 | 225 |
| | Pondy | 10392 | 0 | 229.6 | 61.7 | 1.3 | 311 |
| ER | Bihar | 275 | 0 | 5.4 | 5.5 | -0.1 | 24 |
| | DVC | 2739 | 300 | 50.5 | 50.9 | -2.3 | 250 |
| | Jharkhand | 2434 | 0 | 55.3 | -15.2 | 1.0 | 300 |
| | Odisha | 1045 | 0 | 21.8 | 10.8 | -0.5 | 50 |
| | West Bengal | 3569 | 100 | 69.6 | 18.3 | 1.4 | 280 |
| | Sikkim | 6759 | 0 | 124.1 | 22.0 | 2.1 | 400 |
| NER | Arunachal Pradesh | 84 | 0 | 1.5 | 1.2 | 0.3 | 25 |
| | Assam | 97 | 1 | 1.6 | 1.4 | 0.3 | 45 |
| | Manipur | 1172 | 144 | 22.1 | 12.9 | 3.3 | 231 |
| | Meghalaya | 130 | 1 | 2.3 | 2.7 | -0.3 | 21 |
| | Mizoram | 268 | 1 | 4.5 | 3.4 | -0.4 | 32 |
| | Nagaland | 69 | 1 | 1.2 | 1.0 | 0.3 | 24 |
| | Tripura | 114 | 1 | 2.0 | 1.3 | 0.2 | 34 |
| | | 205 | 1 | 2.4 | 0.6 | -0.4 | 59 |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 11.6 | -2.0 | -6.0 |
| Max MW | | -128.8 | -447.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|------|-------|------|-------|-----|
| Schedule(MU) | 99.7 | -58.3 | 27.6 | -69.9 | 4.5 |
| Actual(MU) | 98.0 | -72.7 | 34.2 | -67.4 | 7.2 |
| O/D/U/D(MU) | -1.7 | -14.4 | 6.6 | 2.5 | 2.7 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 4036 | 9820 | 3600 | 2420 | 115 | 19991 |
| State Sector | 6080 | 9881 | 2142 | 5391 | 110 | 23604 |
| Total | 10116 | 19701 | 5742 | 7811 | 225 | 43595 |

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 : 2-Nov-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 | -402 | 0.0 | -2.8 | -2.8 |
| 2 | | SASARAM-FATEHPUR | D/C | 0 | 0 | 0.0 | -5.0 | -5.0 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0.0 | -9.6 | -9.6 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 0 | -235 | 0.0 | 0.0 | 0.0 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 0 | -211 | 0.0 | 0.0 | 0.0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 50 | -510 | 0.0 | -7.5 | -7.5 |
| 7 | | PATNA-BALIA | D/C | 0 | -226 | 0.0 | -8.0 | -8.0 |
| 8 | | BIHARSHARIFF-BALIA | S/C | 0 | -290 | 0.0 | -4.2 | -4.2 |
| 9 | 220 KV | PUSAULI-BALIA | D/C | 141 | 0 | 2.8 | 0.0 | 2.8 |
| 10 | | PUSAULI-SAHUPURI | S/C | 0 | -182 | 0.0 | -3.1 | -3.1 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 12 | | GARWAH-RIHAND | S/C | 25 | 0 | 0.8 | 0.0 | 0.8 |
| 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 | | | | | | 3.6 | -40.1 | -36.5 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 765 KV | JHARSUGUDA-DHARAMJAIGARH | S/C | -210 | -67 | -1.6 | 0.0 | -1.6 |
| 16 | | RANCHI-DHARAMJAIGARH | D/C | -249 | -95 | -1.0 | 0.0 | -1.0 |
| 17 | 400 KV | ROURKELA - RAIGARH (SEL LILO BYPASS) | S/C | 0 | 0 | 0.0 | -1.0 | -1.0 |
| 18 | | JHARSUGUDA-RAIGARH | D/C | 0 | 0 | 0.0 | -1.5 | -1.5 |
| 19 | | STERLITE-RAIGARH | D/C | -128 | -579 | 0 | -7 | -7.2 |
| 20 | | RANCHI-SIPAT | D/C | 66 | -304 | 0.0 | -1.9 | -1.9 |
| 21 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 0 | -217 | 0.0 | -4.1 | -4.1 |
| 22 | | BUDHIPADAR-KORBA | D/C | 8 | -77 | 0.0 | -1.2 | -1.2 |
| ER-WR | | | | | | -2.6 | -16.9 | -19.5 |
| 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 | -2366 | 0.0 | -50.1 | -50.1 |
| 24 | 400 KV | TALCHER-I/C | | 0 | -512 | 0 | -4.28 | -4.28 |
| 25 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| ER-SR | | | | | | 0.0 | -4.3 | -4.3 |
| Import/Export of ER (With NER) | | | | | | | | |
| 26 | 400 KV | BINAGURI-BONGAIGAON | D/C | 0 | -487 | 0.0 | -5.4 | -5.4 |
| 27 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -141 | 0.0 | -1.8 | -1.8 |
| ER-NER | | | | | | 0.0 | -7.2 | -7.2 |
| Import/Export of WR (With NR) | | | | | | | | |
| 28 | HVDC | V'CHAL B/B | D/C | 0 | -250 | 0.0 | -6.0 | -6.0 |
| 29 | 765 KV | GWALIOR-AGRA | D/C | 0 | -1408 | 0.0 | -23.7 | -23.7 |
| 30 | 400 KV | ZERDA-KANKROLI | S/C | 258 | -59 | 4.4 | 0.0 | 4.4 |
| 31 | 400 KV | ZERDA -BHINMAL | S/C | 203 | -19 | 2.4 | 0.0 | 2.4 |
| 32 | 400 KV | V'CHAL -RIHAND | S/C | 0 | -456 | 0 | -11.81 | -11.81 |
| 33 | 220 KV | BADOD-KOTA | S/C | 130 | 0 | 2.5 | 0.0 | 2.5 |
| 34 | | BADOD-MORAK | S/C | 130 | 0 | 2.6 | 0.0 | 2.6 |
| 35 | | MEHGAON-AURAIYA | S/C | 93 | 0 | 1.8 | 0.0 | 1.8 |
| 36 | | MALANPUR-AURAIYA | S/C | 55 | 0 | 1.0 | 0.0 | 1.0 |
| 37 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| WR-NR | | | | | | 14.7 | -41.5 | -26.8 |
| 38 | HVDC | APL -MHG | D/C | 0 | -2016 | 0.0 | -46.6 | -46.6 |
| Import/Export of WR (With SR) | | | | | | | | |
| 39 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0.0 | -20.5 | -20.5 |
| 40 | | BARSUR-L.SILERU | - | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 41 | 765 KV | SOLAPUR-RAICHUR | D/C | 193 | -955 | 0.0 | -9.5 | -9.5 |
| 42 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | -111 | 0.0 | -2.1 | -2.1 |
| 43 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 44 | | XELDEM-AMBEWADI | S/C | 98 | 0 | 1.9 | 0.0 | 1.9 |
| WR-SR | | | | | | 1.9 | -32.1 | -30.2 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 45 | | BHUTAN | | | | | | 11.6 |
| 46 | | NEPAL | | | | | | -2.0 |
| 47 | | BANGLADESH | | | | | | -6.0 |