

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

Report for previous day

Date of Reporting

26-Nov-14

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 38352 | 42494 | 31402 | 14593 | 2071 | 128912 |
| Peak Shortage (MW) | 1890 | 189 | 3885 | 435 | 121 | 6520 |
| Energy Met (MU) | 795 | 977 | 717 | 292 | 37 | 2816 |
| Hydro Gen(MU) | 96 | 36 | 97 | 21 | 8 | 259 |
| Wind Gen(MU) | 4 | 13 | 25 | ----- | ----- | 42 |

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 | 0.06 | 3.95 | 14.35 | 18.36 | 53.85 | 27.79 |
| SR GRID | 0.00 | 0.06 | 3.95 | 14.35 | 18.36 | 53.85 | 27.79 |

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 | 5257 | 0 | 103.1 | 46.4 | 3.9 | 279 |
| | Haryana | 5739 | 405 | 113.9 | 55.7 | 3.4 | 464 |
| | Rajasthan | 9589 | 0 | 206.0 | 81.5 | 7.0 | 534 |
| | Delhi | 3061 | 0 | 51.5 | 38.8 | -1.0 | 332 |
| | UP | 9994 | 1975 | 220.4 | 91.8 | -1.1 | 254 |
| | Uttarakhand | 1654 | 150 | 32.3 | 23.0 | 1.7 | 131 |
| | HP | 1403 | 0 | 24.8 | 18.4 | 1.0 | 224 |
| | J&K | 1936 | 0 | 39.0 | 29.8 | 4.6 | 267 |
| WR | Chhattisgarh | 186 | 0 | 3.4 | 3.3 | 0.1 | 16 |
| | Gujarat | 2943 | 18 | 62.7 | 10.2 | -2.2 | 173 |
| | MP | 12512 | 22 | 279.7 | 58.7 | -3.0 | 546 |
| | Maharashtra | 9709 | 0 | 204.4 | 121.9 | -1.2 | 321 |
| | Goa | 19049 | 916 | 394.8 | 103.6 | 0.0 | 494 |
| | DD | 428 | 0 | 7.9 | 7.2 | 0.2 | 49 |
| | DNH | 280 | 0 | 6.3 | 6.2 | 0.0 | 28 |
| | Essar steel | 631 | 0 | 13.7 | 13.8 | -0.1 | 90 |
| SR | Andhra Pradesh | 363 | 0 | 7.3 | 7.9 | -0.6 | 56 |
| | Telangana | 5694 | 0 | 129.6 | 24.5 | -0.1 | 400 |
| | Karnataka | 5728 | 0 | 121.5 | 66.1 | 3.9 | 257 |
| | Kerala | 7801 | 850 | 166.7 | 20.5 | 1.7 | 325 |
| | Tamil Nadu | 3273 | 125 | 60.0 | 34.4 | 2.7 | 263 |
| | Pondy | 10522 | 2910 | 233.2 | 65.3 | 3.2 | 538 |
| ER | Bihar | 302 | 1 | 5.9 | 5.9 | 0.0 | 29 |
| | DVC | 2490 | 50 | 47.7 | 52.3 | -6.6 | 70 |
| | Jharkhand | 2488 | 0 | 54.7 | -17.8 | -0.2 | 120 |
| | Odisha | 1024 | 0 | 21.2 | 10.7 | -1.9 | 55 |
| | West Bengal | 3462 | 30 | 64.2 | 23.5 | 3.1 | 400 |
| | Sikkim | 5981 | 5 | 102.4 | 10.2 | 0.5 | 370 |
| NER | Arunachal Pradesh | 80 | 0 | 1.4 | 1.4 | 0.0 | 26 |
| | Assam | 101 | 7 | 101.0 | 1726.0 | 7.0 | 101 |
| | Manipur | 1190 | 69 | 1190.0 | 1723.0 | 69.0 | 1190 |
| | Meghalaya | 131 | 8 | 131.0 | 1758.0 | 8.0 | 131 |
| | Mizoram | 287 | 0 | 287.0 | 1704.0 | 0.0 | 287 |
| | Nagaland | 72 | 4 | 72.0 | 1845.0 | 4.0 | 72 |
| | Tripura | 115 | 5 | 115.0 | 1658.0 | 5.0 | 115 |
| | | 182 | 13 | 182.0 | 1727.0 | 13.0 | 182 |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 6.1 | -2.9 | -7.1 |
| Max MW | | -146.6 | -461.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|--------|------|-------|-----|
| Schedule(MU) | 108.9 | -85.6 | 32.7 | -62.6 | 6.3 |
| Actual(MU) | 119.5 | -104.6 | 40.6 | -65.3 | 9.7 |
| O/D/U/D(MU) | 10.6 | -19.0 | 7.9 | -2.7 | 3.4 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 3734 | 9532 | 3120 | 3400 | 115 | 19901 |
| State Sector | 6040 | 9070 | 3982 | 5551 | 110 | 24753 |
| Total | 9774 | 18602 | 7102 | 8951 | 225 | 44654 |

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 : 26-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 | -472 | 0.0 | -6.7 | -6.7 |
| 2 | | SASARAM-FATEHPUR | S/C | 0 | 0 | 0.0 | -1.7 | -1.7 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0.0 | -9.8 | -9.8 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 0 | -240 | 0.0 | 0.0 | 0.0 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 0 | -191 | 0.0 | 0.0 | 0.0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 74 | -364 | 0.0 | -4.4 | -4.4 |
| 7 | | PATNA-BALIA | Q/C | 0 | -386 | 0.0 | -16.5 | -16.5 |
| 8 | | BIHARSHARIFF-BALIA | D/C | 110 | -171 | 0.0 | -1.2 | -1.2 |
| 9 | 220 KV | PUSAULI-BALIA | D/C | 154 | 0 | 4.1 | 0.0 | 4.1 |
| 10 | 132 KV | PUSAULI-SAHUPURI | S/C | 0 | -212 | 0.0 | -2.9 | -2.9 |
| 11 | | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 12 | | GARWAH-RIHAND | S/C | 26 | 0 | 0.9 | 0.0 | 0.9 |
| 13 | | KARMANASA-SAHUPURI | S/C | 2 | 0 | 0.0 | 0.0 | 0.0 |
| 14 | | KARMANASA-CHANDAULI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| ER-NR | | | | | | 5.0 | -43.3 | -38.4 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 765 KV | JHARSUGUDA-DHARAMJAIGARH S/C | D/C | 0 | 242 | 0.0 | 2.8 | 2.8 |
| 16 | | RANCHI-DHARAMJAIGARH | S/C | -61 | 203 | 0.0 | 1.3 | 1.3 |
| 17 | 400 KV | ROURKELA - RAIGARH (SEL LILO BYPASS) | S/C | 0 | 0 | 0.0 | -2.0 | -2.0 |
| 18 | | JHARSUGUDA-RAIGARH | D/C | 260 | 180 | 0.0 | -4.8 | -4.8 |
| 19 | | STERLITE-RAIGARH | D/C | 0 | -530 | 0 | -9 | -8.7 |
| 20 | | RANCHI-SIPAT | D/C | 135 | -107 | 0.0 | -0.2 | -0.2 |
| 21 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 0 | -166 | 0.0 | -2.4 | -2.4 |
| 22 | | BUDHIPADAR-KORBA | D/C | 60 | -49 | 0.0 | 0.0 | 0.0 |
| ER-WR | | | | | | 0.0 | -14.0 | -14.0 |
| 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 | -2264 | 0.0 | -49.3 | -49.3 |
| 24 | 400 KV | TALCHER-I/C | | 0 | -413 | 0 | -4.76 | -4.76 |
| 25 | 220 KV | BALMELA-UPPER-SILERRU | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| ER-SR | | | | | | 0.0 | -4.8 | -4.8 |
| Import/Export of ER (With NER) | | | | | | | | |
| 26 | 400 KV | BINAGURI-BONGAIGAON | Q/C | 0 | -303 | 0.0 | 0.0 | 0.0 |
| 27 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -103 | 0.0 | -1.2 | -1.2 |
| ER-NER | | | | | | 0.0 | -1.2 | -1.2 |
| Import/Export of WR (With NR) | | | | | | | | |
| 28 | HVDC | V'CHAL B/B | D/C | 300 | 0 | 7.0 | 0.0 | 7.0 |
| 29 | 765 KV | GWALIOR-AGRA | D/C | 0 | -1916 | 0.0 | -32.9 | -32.9 |
| 30 | 400 KV | ZERDA-KANKROLI | S/C | 211 | -59 | 1.9 | 0.0 | 1.9 |
| 31 | 400 KV | ZERDA -BHINMAL | S/C | 132 | -186 | 0.0 | -0.5 | -0.5 |
| 32 | 400 KV | V'CHAL -RIHAND | S/C | 0 | -507 | 0 | -10.80 | -10.80 |
| 33 | 220 KV | BADOD-KOTA | S/C | 106 | 0 | 1.6 | 0.0 | 1.6 |
| 34 | | BADOD-MORAK | S/C | 110 | 0 | 1.8 | 0.0 | 1.8 |
| 35 | | MEHGAON-AURAIYA | S/C | 98 | 0 | 1.9 | 0.0 | 1.9 |
| 36 | | MALANPUR-AURAIYA | S/C | 58 | 0 | 1.1 | 0.0 | 1.1 |
| 37 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| WR-NR | | | | | | 15.3 | -44.2 | -28.9 |
| 38 | HVDC | APL -MHG | D/C | 0 | -2116 | 0.0 | -50.8 | -50.8 |
| Import/Export of WR (With SR) | | | | | | | | |
| 39 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0.0 | -23.9 | -23.9 |
| 40 | | BARSUR-L.SILERU | - | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 41 | 765 KV | SOLAPUR-RAICHUR | D/C | 70 | -1033 | 0.0 | -12.1 | -12.1 |
| 42 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | -168 | 0.0 | -2.2 | -2.2 |
| 43 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 44 | | XELDEM-AMBEWADI | S/C | 110 | 0 | 2.2 | 0.0 | 2.2 |
| WR-SR | | | | | | 2.2 | -38.2 | -36.0 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 45 | | BHUTAN | | | | | | 6.1 |
| 46 | | NEPAL | | | | | | -2.9 |
| 47 | | BANGLADESH | | | | | | -7.1 |