

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

Report for previous day

Date of Reporting

1-Dec-14

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 37457 | 39604 | 28541 | 14536 | 2074 | 122212 |
| Peak Shortage (MW) | 1349 | 270 | 1402 | 300 | 73 | 3394 |
| Energy Met (MU) | 802 | 938 | 679 | 291 | 33 | 2742 |
| Hydro Gen(MU) | 97 | 37 | 73 | 25 | 7 | 239 |
| Wind Gen(MU) | 3 | 11 | 17 | ----- | ----- | 32 |

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 | 0.00 | 1.60 | 10.14 | 11.74 | 53.33 | 34.93 |
| SR GRID | 0.00 | 0.00 | 1.60 | 10.14 | 11.74 | 53.33 | 34.93 |

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 | 5855 | 0 | 114.0 | 46.0 | 1.3 | 268 |
| | Haryana | 5633 | 0 | 107.7 | 47.0 | 0.2 | 294 |
| | Rajasthan | 9688 | 0 | 210.4 | 68.9 | 1.9 | 383 |
| | Delhi | 3079 | 0 | 55.1 | 37.5 | -0.6 | 303 |
| | UP | 10402 | 1235 | 221.4 | 89.5 | -2.0 | 227 |
| | Uttarakhand | 1464 | 80 | 29.7 | 22.7 | -0.9 | 72 |
| | HP | 1178 | 0 | 21.5 | 17.3 | -0.7 | 71 |
| | J&K | 1913 | 478 | 38.7 | 32.4 | 0.9 | 220 |
| WR | Chandigarh | 170 | 0 | 3.1 | 3.0 | 0.0 | 20 |
| | Chhattisgarh | 3030 | 209 | 63.1 | 14.9 | 2.0 | 267 |
| | Gujarat | 11809 | 0 | 265.1 | 63.4 | -4.2 | 537 |
| | MP | 9627 | 0 | 201.1 | 123.1 | -1.5 | 293 |
| | Maharashtra | 17935 | 139 | 374.2 | 98.9 | -1.3 | 504 |
| | Goa | 356 | 0 | 6.6 | 6.2 | 0.0 | 64 |
| | DD | 253 | 0 | 5.7 | 5.9 | -0.1 | 29 |
| | DNH | 633 | 0 | 14.3 | 15.0 | -0.8 | 23 |
| SR | Essar steel | 356 | 0 | 7.4 | 6.7 | 0.7 | 94 |
| | Andhra Pradesh | 5588 | 0 | 128.4 | 29.6 | 0.5 | 286 |
| | Telangana | 5298 | 202 | 118.3 | 67.5 | 2.3 | 325 |
| | Karnataka | 7572 | 400 | 158.8 | 18.8 | 2.0 | 446 |
| | Kerala | 2936 | 75 | 52.9 | 34.9 | 2.2 | 266 |
| | Tamil Nadu | 9902 | 763 | 215.2 | 67.2 | 1.5 | 317 |
| | Pondy | 249 | 0 | 4.8 | 4.9 | -0.1 | 29 |
| ER | Bihar | 2458 | 200 | 48.6 | 48.1 | -1.5 | 90 |
| | DVC | 2319 | 0 | 54.2 | -13.3 | 2.6 | 210 |
| | Jharkhand | 1046 | 0 | 20.3 | 10.0 | -0.5 | 110 |
| | Odisha | 3325 | 0 | 63.9 | 19.2 | 5.0 | 370 |
| | West Bengal | 5819 | 0 | 102.6 | 5.6 | 2.4 | 230 |
| | Sikkim | 94 | 0 | 1.8 | 1.6 | 0.2 | 40 |
| NER | Arunachal Pradesh | 100 | 4 | 1.9 | 1.4 | 0.5 | 45 |
| | Assam | 1152 | 50 | 18.0 | 13.7 | -0.5 | 137 |
| | Manipur | 138 | 4 | 2.3 | 2.3 | 0.0 | 41 |
| | Meghalaya | 333 | 4 | 5.2 | 4.2 | 1.0 | 53 |
| | Mizoram | 69 | 3 | 1.0 | 0.8 | 0.1 | 46 |
| | Nagaland | 112 | 5 | 2.1 | 1.5 | 0.0 | 34 |
| | Tripura | 195 | 3 | 2.3 | 0.5 | 0.3 | 60 |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 5.6 | -2.9 | -6.8 |
| Max MW | | -119.2 | -455.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|-------|------|-------|------|
| Schedule(MU) | 103.0 | -78.7 | 33.4 | -67.8 | 8.3 |
| Actual(MU) | 97.0 | -87.8 | 39.3 | -56.0 | 6.6 |
| O/D/U/D(MU) | -6.0 | -9.1 | 5.9 | 11.8 | -1.7 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 3446 | 10196 | 3080 | 3645 | 140 | 20507 |
| State Sector | 5130 | 10730 | 4882 | 5551 | 110 | 26403 |
| Total | 8576 | 20926 | 7962 | 9196 | 250 | 46910 |

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 : 1-Dec-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 | -425 | 0.0 | -5.5 | -5.5 |
| 2 | | SASARAM-FATEHPUR | S/C | 0 | 0 | 0.0 | -0.3 | -0.3 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0.0 | -9.9 | -9.9 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 0 | -292 | 0.0 | 0.0 | 0.0 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 0 | -172 | 0.0 | 0.0 | 0.0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 74 | -347 | 0.0 | -3.8 | -3.8 |
| 7 | | PATNA-BALIA | Q/C | 0 | -442 | 0.0 | -17.8 | -17.8 |
| 8 | | BIHARSHARIFF-BALIA | D/C | 100 | -311 | 0.0 | -2.4 | -2.4 |
| 9 | 220 KV | PUSAULI-BALIA | D/C | 194 | 0 | 3.2 | 0.0 | 3.2 |
| 10 | 132 KV | PUSAULI-SAHUPURI | S/C | 0 | -143 | 0.0 | -1.4 | -1.4 |
| 11 | | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 12 | | GARWAH-RIHAND | S/C | 26 | 0 | 0.7 | 0.0 | 0.7 |
| 13 | | KARMANASA-SAHUPURI | S/C | 1 | 0 | 0.0 | 0.0 | 0.0 |
| 14 | | KARMANASA-CHANDAULI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| ER-NR | | | | | | 3.9 | -41.2 | -37.3 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 765 KV | JHARSUGUDA-DHARAMJAIGARH S/C | D/C | -15 | 188 | 0.0 | 1.7 | 1.7 |
| 16 | | RANCHI-DHARAMJAIGARH | S/C | -157 | 133 | 0.0 | 0.6 | 0.6 |
| 17 | 400 KV | ROURKELA - RAIGARH (SEL LILO BYPASS) | S/C | 0 | 0 | 0.0 | -1.0 | -1.0 |
| 18 | | JHARSUGUDA-RAIGARH | D/C | -7 | -208 | 0.0 | -2.0 | -2.0 |
| 19 | | STERLITE-RAIGARH | D/C | 45 | -464 | 0 | -5 | -4.8 |
| 20 | | RANCHI-SIPAT | D/C | 136 | -130 | 0.6 | 0.0 | 0.6 |
| 21 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 0 | -154 | 0.0 | -2.1 | -2.1 |
| 22 | | BUDHIPADAR-KORBA | D/C | 39 | -94 | 0.0 | -0.6 | -0.6 |
| ER-WR | | | | | | 0.6 | -8.2 | -7.6 |
| 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 | -2170 | 0.0 | -48.6 | -48.6 |
| 24 | 400 KV | TALCHER-I/C | | 0 | -351 | 0 | -3.59 | -3.59 |
| 25 | 220 KV | BALMELA-UPPER-SILERRU | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| ER-SR | | | | | | 0.0 | -3.6 | -3.6 |
| Import/Export of ER (With NER) | | | | | | | | |
| 26 | 400 KV | BINAGURI-BONGAIGAON | Q/C | 0 | -223 | 0.0 | -6.2 | -6.2 |
| 27 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -65 | 0.0 | -0.6 | -0.6 |
| ER-NER | | | | | | 0.0 | -6.9 | -6.9 |
| Import/Export of WR (With NR) | | | | | | | | |
| 28 | HVDC | V'CHAL B/B | D/C | 300 | 0 | 7.3 | 0.0 | 7.3 |
| 29 | 765 KV | GWALIOR-AGRA | D/C | 118 | -1736 | 0.0 | -28.3 | -28.3 |
| 30 | 400 KV | ZERDA-KANKROLI | S/C | 161 | -59 | 2.0 | 0.0 | 2.0 |
| 31 | 400 KV | ZERDA -BHINMAL | S/C | 136 | -155 | 0.1 | 0.0 | 0.1 |
| 32 | 400 KV | V'CHAL -RIHAND | S/C | 0 | -515 | 0 | -10.45 | -10.45 |
| 33 | 220 KV | BADOD-KOTA | S/C | 103 | 0 | 1.9 | 0.0 | 1.9 |
| 34 | | BADOD-MORAK | S/C | 122 | 0 | 1.4 | 0.0 | 1.4 |
| 35 | | MEHGAON-AURAIYA | S/C | 98 | 0 | 1.8 | 0.0 | 1.8 |
| 36 | | MALANPUR-AURAIYA | S/C | 68 | 0 | 1.1 | 0.0 | 1.1 |
| 37 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| WR-NR | | | | | | 15.6 | -38.7 | -23.1 |
| 38 | HVDC | APL -MHG | D/C | 0 | -2000 | 0.0 | -35.4 | -35.4 |
| Import/Export of WR (With SR) | | | | | | | | |
| 39 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0.0 | -23.8 | -23.8 |
| 40 | | BARSUR-L.SILERU | - | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 41 | 765 KV | SOLAPUR-RAICHUR | D/C | 0 | -915 | 0.0 | -11.9 | -11.9 |
| 42 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | -116 | 0.0 | -1.7 | -1.7 |
| 43 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 44 | | XELDEM-AMBEWADI | S/C | 77 | 0 | 1.5 | 0.0 | 1.5 |
| WR-SR | | | | | | 1.5 | -37.4 | -35.9 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 45 | | BHUTAN | | | | | | 5.6 |
| 46 | | NEPAL | | | | | | -2.9 |
| 47 | | BANGLADESH | | | | | | -6.8 |