

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

Report for previous day

Date of Reporting

13-Dec-14

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 39370 | 38420 | 31269 | 15230 | 2134 | 126423 |
| Peak Shortage (MW) | 2016 | 87 | 1507 | 650 | 109 | 4369 |
| Energy Met (MU) | 818 | 953 | 721 | 292 | 37 | 2821 |
| Hydro Gen(MU) | 101 | 35 | 75 | 22 | 6 | 239 |
| Wind Gen(MU) | 21 | 22 | 15 | ----- | ----- | 58 |

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 | 0.10 | 5.98 | 14.64 | 20.75 | 43.28 | 35.97 |
| SR GRID | 0.00 | 0.10 | 5.98 | 14.64 | 20.75 | 43.28 | 35.97 |

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 | 5645 | 0 | 106.6 | 40.7 | 0.8 | 321 |
| | Haryana | 6200 | 0 | 125.8 | 61.5 | 1.4 | 279 |
| | Rajasthan | 9951 | 0 | 207.4 | 59.8 | -0.9 | 985 |
| | Delhi | 3161 | 23 | 58.7 | 40.0 | 0.9 | 243 |
| | UP | 10196 | 2290 | 213.8 | 83.2 | -1.7 | 380 |
| | Uttarakhand | 1707 | 150 | 34.9 | 25.7 | 0.6 | 157 |
| | HP | 1359 | 0 | 25.3 | 20.0 | 0.8 | 173 |
| | J&K | 1959 | 346 | 41.9 | 34.1 | 2.5 | 251 |
| WR | Chandigarh | 201 | 0 | 3.5 | 3.3 | 0.2 | 6 |
| | Chhattisgarh | 3052 | 18 | 67.6 | 15.8 | 1.6 | 279 |
| | Gujarat | 12172 | 0 | 269.3 | 42.8 | -1.0 | 422 |
| | MP | 9849 | 0 | 188.5 | 110.2 | -5.8 | 256 |
| | Maharashtra | 18404 | 123 | 389.6 | 131.6 | -0.3 | 352 |
| | Goa | 444 | 0 | 7.6 | 7.2 | -0.1 | 0 |
| | DD | 272 | 0 | 6.1 | 6.2 | -0.1 | 30 |
| | DNH | 668 | 0 | 15.7 | 15.9 | -0.9 | 14 |
| SR | Essar steel | 401 | 0 | 8.6 | 9.5 | -0.9 | 58 |
| | Andhra Pradesh | 5632 | 300 | 129.4 | 23.0 | 1.4 | 286 |
| | Telangana | 5796 | 53 | 122.0 | 65.6 | 3.3 | 343 |
| | Karnataka | 8200 | 300 | 161.6 | 29.3 | 2.0 | 369 |
| | Kerala | 3153 | 125 | 57.9 | 38.8 | 2.2 | 259 |
| | Tamil Nadu | 11638 | 782 | 244.2 | 75.9 | -0.5 | 342 |
| | Pondy | 307 | 0 | 6.2 | 6.1 | 0.1 | 36 |
| ER | Bihar | 2607 | 300 | 50.3 | 47.8 | 0.5 | 400 |
| | DVC | 2327 | 0 | 53.1 | -18.1 | 0.0 | 200 |
| | Jharkhand | 1034 | 0 | 22.8 | 10.3 | 0.4 | 100 |
| | Odisha | 3420 | 0 | 61.9 | 21.4 | 1.5 | 250 |
| | West Bengal | 6617 | 0 | 102.7 | 14.8 | 1.9 | 225 |
| | Sikkim | 83 | 0 | 1.5 | 1.3 | 0.2 | 25 |
| NER | Arunachal Pradesh | 113 | 1 | 1.9 | 1.4 | 0.5 | 42 |
| | Assam | 1168 | 77 | 21.5 | 13.2 | 3.0 | 191 |
| | Manipur | 132 | 1 | 2.3 | 2.2 | 0.1 | 46 |
| | Meghalaya | 331 | 1 | 5.3 | 4.4 | -0.4 | 75 |
| | Mizoram | 84 | 2 | 1.3 | 1.0 | 0.3 | 28 |
| | Nagaland | 121 | 0 | 2.4 | 1.6 | 0.2 | 25 |
| | Tripura | 203 | 0 | 2.4 | 0.7 | -0.4 | 37 |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 4.0 | -3.8 | -7.0 |
| Max MW | | -176.0 | -461.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|-------|------|-------|------|
| Schedule(MU) | 104.1 | -76.7 | 38.7 | -75.3 | 7.4 |
| Actual(MU) | 110.0 | -99.2 | 44.6 | -66.8 | 10.2 |
| O/D/U/D(MU) | 5.9 | -22.5 | 5.9 | 8.5 | 2.8 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 3821 | 9642 | 2570 | 3080 | 325 | 19438 |
| State Sector | 4580 | 10460 | 3342 | 5971 | 110 | 24463 |
| Total | 8401 | 20102 | 5912 | 9051 | 435 | 43901 |

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 : 13-Dec-14 | | |
| | | | | | | Import=(+ve) /Export =(-ve) | | |
| SI 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 | -476 | 0.0 | -6.0 | -6.0 |
| 2 | | SASARAM-FATEHPUR | S/C | 0 | 0 | 0.0 | -2.0 | -2.0 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 248 | -251 | 0.0 | -2.0 | -2.0 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 110 | -224 | 0.0 | -2.0 | -2.0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 206 | -393 | 0.0 | -4.0 | -4.0 |
| 7 | | PATNA-BALIA | Q/C | 0 | -279 | 0.0 | -11.0 | -11.0 |
| 8 | | BIHARSHARIFF-BALIA | D/C | 110 | -266 | 0.0 | -3.0 | -3.0 |
| 9 | 220 KV | PUSAULI-BALIA | D/C | 169 | -7 | 2.0 | 0.0 | 2.0 |
| 10 | 132 KV | PUSAULI-SAHUPURI | S/C | 0 | -155 | 0.0 | -2.0 | -2.0 |
| 11 | | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 12 | | GARWAH-RIHAND | S/C | 48 | 0 | 1.0 | 0.0 | 1.0 |
| 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 | | | | | | 3.0 | -32.0 | -29.0 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 765 KV | JHARSUGUDA-DHARAMJAIGARH S/C | D/C | -55 | 171 | 0.0 | 0.8 | 0.8 |
| 16 | | NEW RANCHI-DHARAMJAIGARH | S/C | -162 | 143 | -0.6 | 0.0 | -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 | 0 | 0 | 0.0 | -1.0 | -1.0 |
| 19 | | STERLITE-RAIGARH | D/C | 1 | 0 | 0.0 | -5.0 | -5.0 |
| 20 | 220 KV | RANCHI-SIPAT | D/C | 174 | -128 | 0.0 | 0.0 | 0.0 |
| 21 | | BUDHIPADAR-RAIGARH | S/C | 0 | -140 | 0.0 | -2.0 | -2.0 |
| 22 | | BUDHIPADAR-KORBA | D/C | 29 | -37 | 0.0 | 0.0 | 0.0 |
| ER-WR | | | | | | -0.6 | -8.2 | -8.8 |
| Import/Export of ER (With SR) | | | | | | | | |
| 23 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -726 | 0 | -17 | -17 |
| 23 | LINK | TALCHER-KOLAR BIPOLE | D/C | 0 | -1975 | 0 | -48 | -48 |
| 24 | 400 KV | TALCHER-I/C | | 0 | 595 | 0 | -11 | -11 |
| 25 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-SR | | | | | | 0.0 | -28.0 | -28.0 |
| Import/Export of ER (With NER) | | | | | | | | |
| 26 | 400 KV | BINAGURI-BONGAIGAON | Q/C | 0 | -271 | 0 | -10 | -10 |
| 27 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -84 | 0 | -1 | -1 |
| ER-NER | | | | | | 0.0 | -11.0 | -11.0 |
| Import/Export of WR (With NR) | | | | | | | | |
| 28 | HVDC | V'CHAL B/B | D/C | 250 | -100 | 4.4 | -0.4 | 4.0 |
| 29 | 765 KV | GWALIOR-AGRA | D/C | 0 | -2340 | 0.0 | -39.6 | -39.6 |
| 30 | 400 KV | ZERDA-KANKROLI | S/C | 335 | 0 | 3.8 | 0.0 | 3.8 |
| 31 | 400 KV | ZERDA -BHINMAL | S/C | 306 | -89 | 2.2 | 0.0 | 2.2 |
| 32 | 400 KV | V'CHAL -RIHAND | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 33 | 220 KV | BADOD-KOTA | S/C | 136 | 0 | 2.0 | 0.0 | 2.0 |
| 34 | | BADOD-MORAK | S/C | 100 | 0 | 1.1 | 0.0 | 1.1 |
| 35 | | MEHGAON-AURAIYA | S/C | 76 | 0 | 1.4 | 0.0 | 1.4 |
| 36 | | MALANPUR-AURAIYA | S/C | 43 | 0 | 0.6 | 0.0 | 0.6 |
| 37 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| WR-NR | | | | | | 15.5 | -40.0 | -24.5 |
| 38 | HVDC | APL -MHG | D/C | 0 | -2318 | 0.0 | -55.6 | -55.6 |
| Import/Export of WR (With SR) | | | | | | | | |
| 39 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0.0 | -18.4 | -18.4 |
| 40 | LINK | BARSUR-L.SILERU | - | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 41 | 765 KV | SOLAPUR-RAICHUR | D/C | 336 | -1113 | 0.0 | -8.5 | -8.5 |
| 42 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | -123 | 0.0 | -2.2 | -2.2 |
| 43 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 44 | | XELDEM-AMBEWADI | S/C | 106 | 0 | 1.8 | 0.0 | 1.8 |
| WR-SR | | | | | | 1.8 | -29.1 | -27.3 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 45 | | BHUTAN | | | | | | 4.0 |
| 46 | | NEPAL | | | | | | -3.8 |
| 47 | | BANGLADESH | | | | | | -7.0 |