

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

Report for previous day

Date of Reporting

3-Jan-15

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|----------------------------------------|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 38606 | 36490 | 32624 | 14796 | 2138 | 124654 |
| Peak Shortage (MW) | 1044 | 86 | 1610 | 225 | 98 | 3063 |
| Energy Met (MU) | 796 | 783 | 751 | 283 | 36 | 2648 |
| Hydro Gen(MU) | 92 | 33 | 70 | 23 | 6 | 223 |
| Wind Gen(MU) | 12 | 18 | 6 | ----- | ----- | 36 |

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 | 0.53 | 1.60 | 12.58 | 14.71 | 43.14 | 42.15 |
| SR GRID | 0.00 | 0.53 | 1.60 | 12.58 | 14.71 | 43.14 | 42.15 |

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 | 4806 | 0 | 92.9 | 43.1 | 1.3 | 277 |
| | Haryana | 6212 | 0 | 107.8 | 48.6 | -0.3 | 398 |
| | Rajasthan | 9562 | 0 | 203.1 | 75.0 | 3.7 | 478 |
| | Delhi | 3597 | 109 | 65.2 | 42.5 | -1.3 | 388 |
| | UP | 10814 | 2230 | 220.7 | 75.7 | -1.0 | 354 |
| | Uttarakhand | 1659 | 0 | 33.3 | 24.3 | 0.3 | 168 |
| | HP | 1353 | 0 | 25.9 | 20.8 | 0.7 | 170 |
| | J&K | 2083 | 368 | 43.2 | 35.6 | 2.8 | 304 |
| WR | Chhattisgarh | 223 | 0 | 4.0 | 3.8 | 0.3 | 36 |
| | Chhattisgarh | 3025 | 18 | 64.5 | 15.5 | -2.9 | 187 |
| | Gujarat | 11684 | 0 | 248.1 | 56.4 | 1.4 | 577 |
| | MP | 6174 | 0 | 118.3 | 57.2 | 1.4 | 450 |
| | Maharashtra | 15400 | 56 | 318.9 | 71.3 | 1.7 | 829 |
| | Goa | 411 | 0 | 7.7 | 7.9 | -0.8 | 138 |
| | DD | 239 | 0 | 5.4 | 5.3 | 0.1 | 76 |
| | DNH | 634 | 0 | 14.6 | 14.3 | -0.2 | 242 |
| SR | Essar steel | 256 | 0 | 5.3 | 5.5 | -0.2 | 174 |
| | Andhra Pradesh | 6044 | 0 | 135.5 | 21.0 | 3.4 | 459 |
| | Telangana | 6252 | 136 | 133.2 | 76.9 | 2.9 | 315 |
| | Karnataka | 8401 | 299 | 173.8 | 29.7 | 1.9 | 1319 |
| | Kerala | 3200 | 125 | 59.7 | 45.4 | 1.8 | 235 |
| | Tamil Nadu | 12238 | 1380 | 243.1 | 96.0 | 3.9 | 329 |
| ER | Pondy | 293 | 0 | 5.3 | 5.6 | -0.3 | 72 |
| | Bihar | 2497 | 100 | 47.7 | 49.7 | -7.9 | 215 |
| | DVC | 2306 | 0 | 48.1 | -18.9 | -0.8 | 435 |
| | Jharkhand | 912 | 0 | 18.2 | 9.8 | -3.1 | 95 |
| | Odisha | 3385 | 0 | 62.1 | 20.5 | 4.3 | 445 |
| | West Bengal | 6106 | 0 | 105.0 | 11.8 | 3.9 | 397 |
| NER | Sikkim | 99 | 0 | 1.8 | 1.4 | 0.4 | 25 |
| | Arunachal Pradesh | 113 | 2 | 1.8 | 1.3 | 0.5 | 47 |
| | Assam | 1202 | 66 | 20.5 | 13.3 | 2.2 | 176 |
| | Manipur | 137 | 1 | 2.4 | 2.3 | 0.1 | 37 |
| | Meghalaya | 305 | 1 | 5.3 | 4.9 | -0.9 | 39 |
| | Mizoram | 79 | 1 | 1.2 | 1.1 | 0.1 | 20 |
| | Nagaland | 114 | 2 | 2.3 | 1.6 | 0.2 | 26 |
| Tripura | 207 | 1 | 2.5 | 0.5 | -0.3 | 34 | |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 2.9 | -3.8 | -7.0 |
| Max MW | | -172.0 | -451.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|--------|------|-------|-----|
| Schedule(MU) | 131.1 | -111.4 | 48.4 | -76.2 | 8.3 |
| Actual(MU) | 126.1 | -119.3 | 57.2 | -77.9 | 9.8 |
| O/D/U/D(MU) | -5.0 | -7.9 | 8.8 | -1.8 | 1.5 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 4089 | 10967 | 1930 | 1470 | 135 | 18591 |
| State Sector | 7270 | 12474 | 2182 | 5991 | 110 | 28027 |
| Total | 11359 | 23441 | 4112 | 7461 | 245 | 46618 |

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 : 3-Jan-15 | |
| | | | | | | 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 | -607 | 0.0 | -9.0 | -9.0 |
| 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 | -9.0 | -9.0 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 98 | -324 | 0.0 | 0.0 | 0.0 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 48 | -225 | 0.0 | 0.0 | 0.0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 177 | -257 | 0.0 | -1.0 | -1.0 |
| 7 | | PATNA-BALIA | Q/C | 0 | -204 | 0.0 | -10.0 | -10.0 |
| 8 | | BIHARSHARIFF-BALIA | D/C | 118 | -193 | 0.0 | -1.0 | -1.0 |
| 9 | 220 KV | PUSAULI-BALIA | D/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 10 | 220 KV | PUSAULI-SAHUPURI | S/C | 0 | -155 | 0.0 | -3.0 | -3.0 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 12 | | GARWAH-RIHAND | S/C | 26 | 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 | | | | | | 1.0 | -35.0 | -34.0 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 765 KV | JHARSUGUDA-DHARAMJAIGARH S/C | D/C | -139 | 105 | -0.3 | 0.0 | -0.3 |
| 16 | | NEW RANCHI-DHARAMJAIGARH | S/C | -262 | 127 | -1.3 | 0.0 | -1.3 |
| 17 | 400 KV | ROURKELA - RAIGARH (SEL LILO BYPASS) | S/C | 0 | 0 | 0.0 | -1.0 | -1.0 |
| 18 | | JHARSUGUDA-RAIGARH | S/C | 0 | 0 | 0.0 | -2.0 | -2.0 |
| 19 | | IBEUL-RAIGARH | S/C | 0 | 0 | 0.0 | -2.0 | -2.0 |
| 20 | | STERLITE-RAIGARH | D/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 21 | | RANCHI-SIPAT | D/C | 1 | 0 | 0.0 | -8.0 | -8.0 |
| 22 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 132 | -182 | 0.0 | -1.0 | -1.0 |
| 23 | | BUDHIPADAR-KORBA | D/C | 0 | -3 | 0.0 | 0.0 | 0.0 |
| ER-WR | | | | | | -1.7 | -14.0 | -15.7 |
| Import/Export of ER (With SR) | | | | | | | | |
| 24 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -885 | 0 | -18 | -18 |
| 25 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -2266 | 0 | -46 | -46 |
| 26 | 400 KV | TALCHER-I/C | | 0 | 0 | 0 | 0 | 0 |
| 27 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-SR | | | | | | 0.0 | -64.0 | -64.0 |
| Import/Export of ER (With NER) | | | | | | | | |
| 27 | 400 KV | BINAGURI-BONGAIGAON | Q/C | 0 | 0 | 0 | 0 | 0 |
| 28 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -321 | 0 | -10 | -10 |
| ER-NER | | | | | | 0.0 | -10.0 | -10.0 |
| Import/Export of WR (With NR) | | | | | | | | |
| 29 | HVDC | V'CHAL B/B | D/C | 100 | -500 | 0.301 | -5.320 | -5.0 |
| 30 | 765 KV | GWALIOR-AGRA | D/C | 0 | -2322 | 0.0 | -35.1 | -35.1 |
| 31 | 400 KV | ZERDA-KANKROLI | S/C | 267 | 0 | 2.8 | 0.0 | 2.8 |
| 32 | 400 KV | ZERDA -BHINMAL | S/C | 211 | -123 | 0.5 | 0.0 | 0.5 |
| 33 | 400 KV | V'CHAL -RIHAND | S/C | 0 | -396 | 0.0 | -6.5 | -6.5 |
| 34 | 220 KV | BADOD-KOTA | S/C | 60 | -38 | 0.5 | -0.1 | 0.4 |
| 35 | | BADOD-MORAK | S/C | 20 | -93 | 0.0 | -0.9 | -0.8 |
| 36 | | MEHGAON-AURAIYA | S/C | 86 | 0 | 1.4 | 0.0 | 1.4 |
| 37 | | MALANPUR-AURAIYA | S/C | 51 | 0 | 0.6 | 0.0 | 0.6 |
| 38 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| WR-NR | | | | | | 5.8 | -42.5 | -41.8 |
| 39 | HVDC | APL -MHG | D/C | 0 | -2217 | 0.0 | -51.6 | -51.6 |
| Import/Export of WR (With SR) | | | | | | | | |
| 40 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0.0 | -23.868 | -23.9 |
| 41 | | BARSUR-L.SILERU | - | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 42 | 765 KV | SOLAPUR-RAICHUR | D/C | 0 | -1196 | 0.0 | -14.6 | -14.6 |
| 43 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | -170 | 0.0 | -3.2 | -3.2 |
| 44 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 45 | | XELDEM-AMBEWADI | S/C | 92 | 0 | 1.8 | 0.0 | 1.8 |
| WR-SR | | | | | | 1.8 | -17.9 | -39.9 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 46 | | BHUTAN | Energy Exchange (In MU) | | | | | |
| 47 | | NEPAL | 2.9 | | | | | |
| 48 | | BANGLADESH | -3.8 | | | | | |