

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

Report for previous day

Date of Reporting

1-Jul-14

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 45242 | 40510 | 33048 | 14992 | 1954 | 135746 |
| Peak Shortage (MW) | 1520 | 409 | 1550 | 150 | 278 | 3907 |
| Energy Met (MU) | 1037 | 971 | 756 | 314 | 37 | 3115 |
| Hydro Gen(MU) | 298 | 26 | 66 | 59 | 7 | 456 |
| Wind Gen(MU) | 2 | 82 | 72 | ----- | ----- | 157 |

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 | 0.34 | 5.16 | 20.09 | 25.60 | 55.09 | 19.31 |
| SR GRID | 0.00 | 0.34 | 5.16 | 20.09 | 25.60 | 55.09 | 19.31 |

C. Power Supply Position in States

| Region/Region | States | Max. Demand Met during the day (MW) | Peak hour Shortage (MW) | Energy Met (MU) | Drawal Schedule (MU) | OD(+)/UD(-) (MU) | Max OD (MW) |
|---------------|-------------------|-------------------------------------|-------------------------|-----------------|----------------------|------------------|-------------|
| NR | Punjab | 9636 | 0 | 213.0 | 119.8 | -0.1 | 118 |
| | Haryana | 8017 | 0 | 166.4 | 115.3 | -0.6 | 247 |
| | Rajasthan | 8967 | 0 | 195.1 | 43.2 | 0.6 | 467 |
| | Delhi | 5273 | 0 | 110.1 | 79.3 | -0.9 | 186 |
| | UP | 11918 | 1380 | 259.0 | 123.1 | -0.4 | 466 |
| | Uttarakhand | 1662 | 40 | 36.8 | 17.5 | 0.2 | 148 |
| | HP | 1148 | 0 | 24.3 | 0.9 | -1.0 | 23 |
| | J&K | 1420 | 100 | 26.2 | 18.0 | -2.3 | 146 |
| WR | Chandigarh | 314 | 0 | 6.2 | 5.7 | 0.5 | 55 |
| | Chhattisgarh | 2979 | 257 | 67.6 | 19.5 | -2.2 | 225 |
| | Gujarat | 12844 | 64 | 290.6 | 31.8 | -4.9 | 400 |
| | MP | 6903 | 7 | 147.8 | 81.1 | 0.8 | 265 |
| | Maharashtra | 19537 | 79 | 429.9 | 133.2 | 8.3 | 1012 |
| | Goa | 390 | 0 | 8.6 | 6.9 | 1.3 | 67 |
| | DD | 271 | 0 | 6.2 | 6.2 | 0.0 | 45 |
| | DNH | 660 | 1 | 13.8 | 14.8 | -1.0 | 44 |
| SR | Essar steel | 380 | 0 | 6.6 | 9.8 | -3.1 | 11 |
| | Andhra Pradesh | 5647 | 600 | 128.3 | 16.8 | 2.3 | 454 |
| | Telangana | 5406 | 400 | 118.9 | 67.0 | 0.4 | 423 |
| | Karnataka | 8041 | 400 | 175.2 | 30.9 | 2.2 | 481 |
| | Kerala | 3157 | 150 | 60.1 | 33.2 | 1.8 | 233 |
| | Tamil Nadu | 12368 | 0 | 267.8 | 83.3 | 1.3 | 356 |
| ER | Pondy | 287 | 0 | 5.3 | 6.0 | -0.7 | 102 |
| | Bihar | 2367 | 150 | 43.8 | 45.4 | -1.6 | 100 |
| | DVC | 2445 | 0 | 57.0 | -17.1 | -0.3 | 250 |
| | Jharkhand | 894 | 0 | 17.7 | 10.2 | -1.2 | 20 |
| | Odisha | 3504 | 0 | 71.1 | 19.5 | 3.9 | 230 |
| | West Bengal | 6637 | 0 | 123.0 | 35.9 | 1.5 | 350 |
| NER | Sikkim | 81 | 0 | 1.2 | 1.2 | 0.0 | 23 |
| | Arunachal Pradesh | 99 | 14 | 1.5 | 1.8 | -0.3 | 13 |
| | Assam | 1185 | 210 | 24.2 | 16.4 | 2.9 | 154 |
| | Manipur | 112 | 10 | 1.6 | 2.3 | -0.8 | 18 |
| | Meghalaya | 255 | 12 | 4.4 | 1.5 | -0.5 | 49 |
| | Mizoram | 73 | 10 | 1.0 | 1.2 | -0.4 | 12 |
| | Nagaland | 76 | 11 | 1.6 | 2.0 | -0.6 | 18 |
| | Tripura | 222 | 13 | 3.1 | 1.2 | -0.4 | 61 |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 30.2 | -1.8 | -10.0 |
| Max MW | | -123.0 | -443.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|-------|------|-------|------|
| Schedule(MU) | 117.2 | -87.4 | 47.5 | -80.4 | 3.0 |
| Actual(MU) | 116.8 | -92.7 | 53.9 | -80.8 | 2.4 |
| O/D/U/D(MU) | -0.4 | -5.3 | 6.4 | -0.4 | -0.6 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 3252 | 9251 | 1170 | 2360 | 395 | 16428 |
| State Sector | 4320 | 9703 | 3470 | 5529 | 110 | 23131 |
| Total | 7572 | 18954 | 4640 | 7889 | 505 | 39560 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारिषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्रा०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

| INTER-REGIONAL EXCHANGES | | | | | | | | |
|---------------------------------------|---------------|------------------------|------------------------|-----------------|-----------------|-----------------------------|-------------------------------------|--------------|
| | | | | | | | Date of Reporting : 1-Jul-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 | 0 | 0 | 0.0 | 0.0 |
| 2 | | SASARAM-FATEHPUR | D/C | 0 | 0 | 0 | 0.0 | 0.0 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0 | -10 | -10 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 0 | -213 | 0 | 0 | 0 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 0 | -231 | 0 | 0 | 0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -834 | 0 | -14.0 | -14.0 |
| 7 | | PATNA-BALIA | D/C | 0 | -202 | 0 | -5.9 | -5.9 |
| 8 | | BIHARSHARIFF-BALIA | S/C | 55 | -394 | 0 | -6 | -5.7 |
| 9 | 220 KV | PUSAULI-BALIA | D/C | 158 | 0 | 2 | 0 | 2 |
| 10 | 220 KV | PUSAULI-SAHUPURI | S/C | 0 | -217 | 0 | -4.1 | -4.1 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0 | 0 | 0 |
| 12 | | GARWAH-RIHAND | S/C | 26 | 0 | 1 | 0 | 0.6 |
| 13 | | KARMANASA-SAHUPURI | S/C | 0 | 0 | 0 | 0 | 0 |
| 14 | | KARMANASA-CHANDALI | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-NR | | | | | | 2 | -39.2 | -37.1 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 765 KV | RANCHI-DHARAMJAIGARH | S/C | | | 0.8 | 0.0 | 0.8 |
| 16 | 400 KV | JHARSUGUDA-RAIGARH | D/C | 43 | -706 | 0.0 | -2 | -2.2 |
| 17 | | STERLITE-RAIGARH | D/C | 0 | 0 | 0 | -6.3 | -6.3 |
| 18 | | RANCHI-SIPAT | D/C | 213 | -215 | 0 | -0.4 | -0.4 |
| 19 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 0 | -190 | 0 | -3.0 | -3.0 |
| 20 | | BUDHIPADAR-KORBA | D/C | 10 | -125 | 0 | -1 | -1.1 |
| ER-WR | | | | | | 0.8 | -13.0 | -12.2 |
| Import/Export of ER (With SR) | | | | | | | | |
| 21 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -464 | 0 | -10.8 | -10.8 |
| 22 | 400 KV | TALCHER-KOLAR BIPOLE | D/C | 0 | -2212 | 0 | -48.6 | -48.6 |
| 23 | | TALCHER-I/C | | 0 | -885 | 0 | -14.7 | -14.7 |
| 24 | | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0 | 0.00 |
| ER-SR | | | | | | 0 | -25.5 | -25.5 |
| Import/Export of ER (With NER) | | | | | | | | |
| 25 | 400 KV | BINAGURI-BONGAIGAON | D/C | 158 | -392 | 0 | -0.7 | -0.7 |
| 26 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -180 | 0 | -2.4 | -2.4 |
| ER-NER | | | | | | 0 | -3.1 | -3.1 |
| Import/Export of WR (With NR) | | | | | | | | |
| 27 | HVDC | V'CHAL B/B | D/C | 0 | -400 | 0.00 | -5.641 | -5.6 |
| 28 | 765 KV | GWALIOR-AGRA | D/C | 0 | -2131 | 0 | -33.6 | -33.6 |
| 29 | 400 KV | ZERDA-KANKROLI | S/C | 312 | -59 | 6.1 | 0 | 6.1 |
| 30 | 400 KV | ZERDA -BHINMAL | S/C | 341 | 0 | 6.1 | 0 | 6.1 |
| 31 | 220 KV | BADOD-KOTA | S/C | 123 | 0 | 2.1 | 0 | 2.1 |
| 32 | | BADOD-MORAK | S/C | 48 | -16 | 0.4 | 0 | 0.4 |
| 33 | | MEHGAON-AURAIYA | S/C | 69 | 0 | 1.0 | 0 | 1.0 |
| 34 | | MALANPUR-AURAIYA | S/C | 38 | 0 | 0.4 | 0 | 0.4 |
| 35 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0 | 0 | 0 |
| WR-NR | | | | | | 16.2 | -33.7 | -23.1 |
| 36 | HVDC | APL -MHG | D/C | 0 | -2200 | 0 | -50.7 | -50.7 |
| Import/Export of WR (With SR) | | | | | | | | |
| 37 | HVDC | BHADRAWATI B/B | - | 0 | -1000 | 0 | -23.278 | -23 |
| 38 | LINK | BARSUR-L.SILERU | - | 0 | 0 | 0 | 0 | 0.0 |
| 39 | 765 KV | SOLAPUR-RAICHUR | I | 44 | -623 | 0 | 0 | -3.98843 |
| 40 | | SOLAPUR-RAICHUR | II | 44 | -291 | 0 | 0 | -1.4 |
| 41 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | 0 | 0 | 0 | 0.0 |
| 42 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0 | 0 | 0.0 |
| 43 | | XELDEM-AMBEWADI | S/C | 100 | 0 | 2.3 | 0.0 | 2.3 |
| WR-SR | | | | | | 2.3 | 0 | -22.4 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 43 | | BHUTAN | | | | | | 30.2 |
| 44 | | NEPAL | | | | | | -1.8 |
| 45 | | BANGLADESH | | | | | | -10.0 |