

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

Report for previous day

Date of Reporting

3-Feb-15

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 37367 | 39334 | 33415 | 15330 | 2114 | 127560 |
| Peak Shortage (MW) | 1800 | 162 | 1288 | 0 | 127 | 3377 |
| Energy Met (MU) | 792 | 907 | 777 | 302 | 36 | 2813 |
| Hydro Gen(MU) | 92 | 48 | 58 | 16 | 5 | 220 |
| Wind Gen(MU) | 8 | 10 | 32 | ----- | ----- | 50 |

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 | 3.52 | 13.95 | 17.47 | 58.00 | 24.54 |
| SR GRID | 0.00 | 0.00 | 3.52 | 13.95 | 17.47 | 58.00 | 24.54 |

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 | 4883 | 0 | 91.6 | 41.8 | 0.3 | 142 |
| | Haryana | 6111 | 0 | 114.3 | 49.5 | -1.3 | 196 |
| | Rajasthan | 9835 | 0 | 201.0 | 64.0 | 3.2 | 553 |
| | Delhi | 3728 | 0 | 62.5 | 46.5 | -2.2 | 218 |
| | UP | 9897 | 2160 | 225.2 | 93.3 | -0.6 | 171 |
| | Uttarakhand | 1776 | 75 | 27.8 | 26.0 | 1.1 | 224 |
| | HP | 1365 | 0 | 25.2 | 20.7 | 0.8 | 142 |
| | J&K | 2138 | 377 | 40.7 | 36.7 | 0.1 | 224 |
| WR | Chhattisgarh | 215 | 0 | 3.8 | 3.9 | 0.3 | 8 |
| | Gujarat | 3125 | 96 | 70.2 | 19.3 | 1.4 | 374 |
| | MP | 12934 | 0 | 268.8 | 62.4 | -1.0 | 638 |
| | Maharashtra | 8450 | 0 | 160.9 | 82.1 | -0.4 | 693 |
| | Goa | 18333 | 88 | 372.2 | 112.1 | 1.1 | 577 |
| | DD | 411 | 0 | 8.0 | 7.5 | -0.2 | 64 |
| | DNH | 267 | 0 | 5.9 | 6.1 | -0.2 | 11 |
| | Essar steel | 654 | 0 | 15.0 | 15.4 | -0.4 | 20 |
| SR | Andhra Pradesh | 284 | 0 | 5.9 | 7.1 | -1.2 | 90 |
| | Telangana | 6156 | 0 | 137.4 | 20.0 | -0.9 | 379 |
| | Karnataka | 6295 | 135 | 131.5 | 74.1 | 4.3 | 440 |
| | Kerala | 8990 | 400 | 185.9 | 33.0 | 2.2 | 242 |
| | Tamil Nadu | 3393 | 25 | 62.0 | 45.6 | 2.0 | 291 |
| | Pondy | 11837 | 963 | 254.5 | 90.6 | -1.5 | 337 |
| ER | Bihar | 305 | 0 | 6.1 | 6.0 | 0.2 | 38 |
| | DVC | 2903 | 0 | 57.4 | 52.1 | 0.5 | 280 |
| | Jharkhand | 2368 | 0 | 55.1 | -9.7 | 0.5 | 210 |
| | Odisha | 1024 | 0 | 22.5 | 9.8 | -0.4 | 120 |
| | West Bengal | 3481 | 0 | 63.7 | 19.3 | 1.0 | 190 |
| | Sikkim | 6049 | 0 | 101.7 | 16.5 | 1.4 | 220 |
| NER | Arunachal Pradesh | 103 | 0 | 1.3 | 1.1 | 0.2 | 35 |
| | Assam | 110 | 1 | 1.8 | 1.3 | 0.5 | 38 |
| | Manipur | 1179 | 84 | 20.6 | 13.9 | 2.0 | 145 |
| | Meghalaya | 125 | 1 | 2.0 | 2.2 | -0.2 | 38 |
| | Mizoram | 323 | 1 | 5.4 | 5.3 | -1.0 | 55 |
| | Nagaland | 86 | 4 | 1.2 | 1.0 | 0.2 | 31 |
| | Tripura | 114 | 2 | 2.3 | 1.5 | 0.7 | 33 |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|-------|------------|
| Actual(MU) | 2.1 | -3.5 | -10.7 |
| Max MW | | 0.0 | -471.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|--------|------|-------|------|
| Schedule(MU) | 122.9 | -114.8 | 44.7 | -62.7 | 9.6 |
| Actual(MU) | 118.7 | -115.1 | 44.1 | -61.7 | 11.6 |
| O/D/U/D(MU) | -4.2 | -0.3 | -0.6 | 1.0 | 2.0 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 3731 | 9947 | 1250 | 2070 | 219 | 17217 |
| State Sector | 5855 | 13139 | 2492 | 5509 | 110 | 27105 |
| Total | 9586 | 23086 | 3742 | 7579 | 328 | 44322 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारंपरिण)/(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-Feb-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 | -485 | 0.0 | -6.2 | -6.2 |
| | | GAYA-BALIA | S/C | | | | | |
| 2 | | SASARAM-FATEHPUR | S/C | 0 | 0 | 0.0 | -0.6 | -0.6 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0.0 | -1.2 | -1.2 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 0 | 0 | 0.0 | -9.0 | -9.0 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 0 | -245 | 0.0 | 0.0 | 0.0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -177 | 0.0 | 0.0 | 0.0 |
| 7 | | PATNA-BALIA | Q/C | 120 | -309 | 0.0 | -1.9 | -1.9 |
| 8 | | BIHARSHARIFF-BALIA | D/C | 0 | -201 | 0.0 | -13.4 | -13.4 |
| 10 | 220 KV | PUSAULI-SAHUPURI | S/C | 0 | -170 | 0.0 | -2.8 | -2.8 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 12 | | GARWAH-RIHAND | S/C | 56 | 0 | 0.8 | 0.0 | 0.8 |
| 13 | | KARMANASA-SAHUPURI | S/C | 0 | -1 | 0.0 | 0.0 | 0.0 |
| 14 | | KARMANASA-CHANDAULI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| ER-NR | | | | | | 0.8 | -35.2 | -34.4 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 765 KV | JHARSUGUDA-DHARAMJAIGARH S/C | D/C | -70 | 52 | -0.3 | 0.0 | -0.3 |
| 16 | | NEW RANCHI-DHARAMJAIGARH | S/C | -184 | 192 | 0.0 | 0.1 | 0.1 |
| 17 | 400 KV | ROURKELA - RAIGARH (SEL LILO BYPASS) | S/C | 0 | 0 | 0.0 | -0.4 | -0.4 |
| 18 | | JHARSUGUDA-RAIGARH | S/C | 0 | -69 | 0.0 | 0.0 | 0.0 |
| 19 | | IBEUL-RAIGARH | S/C | 0 | -69 | 0.0 | 0.0 | 0.0 |
| 20 | | STERLITE-RAIGARH | D/C | 51 | 0 | 0.0 | 0.0 | 0.0 |
| 21 | | RANCHI-SIPAT | D/C | 1 | 0 | 0.0 | -3.7 | -3.7 |
| 22 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 136 | -152 | 0.2 | 0.0 | 0.2 |
| 23 | | BUDHIPADAR-KORBA | D/C | 0 | -202 | 0.0 | -2.9 | -2.9 |
| ER-WR | | | | | | -0.1 | -6.9 | -7.0 |
| Import/Export of ER (With SR) | | | | | | | | |
| 24 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -829 | 0 | -17.3 | -17.3 |
| 25 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -2456 | 0 | -44.2 | -44.2 |
| 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 | -61.5 | -61.5 |
| 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 | -328 | 0 | -11 | -11 |
| ER-NER | | | | | | 0.0 | -11.4 | -11.4 |
| Import/Export of WR (With NR) | | | | | | | | |
| 29 | HVDC | V'CHAL B/B | D/C | 500 | -50 | 8.756 | -0.102 | 8.7 |
| 30 | 765 KV | GWALIOR-AGRA | D/C | 0 | -2234 | 0.0 | -44.7 | -44.7 |
| 31 | 400 KV | ZERDA-KANKROLI | S/C | 335 | 0 | 4.2 | 0.0 | 4.2 |
| 32 | 400 KV | ZERDA -BHINMAL | S/C | 273 | -53 | 2.0 | 0.0 | 2.0 |
| 33 | 400 KV | V'CHAL -RIHAND | S/C | 0 | -507 | 0.0 | -10.4 | -10.4 |
| 34 | 220 KV | BADOD-KOTA | S/C | 99 | 0 | 1.5 | 0.0 | 1.5 |
| 35 | | BADOD-MORAK | S/C | 40 | -41 | 0.2 | -0.3 | -0.1 |
| 36 | | MEHGAON-AURAIYA | S/C | 68 | 0 | 1.2 | 0.0 | 1.2 |
| 37 | | MALANPUR-AURAIYA | S/C | 35 | 0 | 0.5 | 0.0 | 0.5 |
| 38 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| WR-NR | | | | | | 9.5 | -55.4 | -37.2 |
| 39 | HVDC | APL -MHG | D/C | 0 | -2318 | 0.0 | -55.4 | -55.4 |
| Import/Export of WR (With SR) | | | | | | | | |
| 40 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0.0 | -23.8 | -23.8 |
| 41 | | BARSUR-L.SILERU | - | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 42 | 765 KV | SOLAPUR-RAICHUR | D/C | 346 | -771 | 0.0 | -5.1 | -5.1 |
| 43 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | -165 | 0.0 | -2.9 | -2.9 |
| 44 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 45 | | XELDEM-AMBEWADI | S/C | 100 | 0 | 2.1 | 0.0 | 2.1 |
| WR-SR | | | | | | 2.1 | -31.9 | -29.8 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 46 | | BHUTAN | | | | | | 2.1 |
| 47 | | NEPAL | | | | | | -3.5 |
| 48 | | BANGLADESH | | | | | | -10.7 |