

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

Report for previous day

Date of Reporting

26-Feb-15

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 35550 | 40316 | 34693 | 15910 | 2116 | 128585 |
| Peak Shortage (MW) | 1357 | 191 | 1966 | 360 | 150 | 4024 |
| Energy Met (MU) | 773 | 986 | 830 | 342 | 36 | 2967 |
| Hydro Gen(MU) | 136 | 43 | 84 | 26 | 4 | 293 |
| Wind Gen(MU) | 12 | 28 | 11 | ----- | ----- | 52 |

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 | 0.74 | 3.91 | 4.65 | 62.13 | 33.22 |
| SR GRID | 0.00 | 0.00 | 0.74 | 3.91 | 4.65 | 62.13 | 33.22 |

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 | 3648 | 0 | 67.5 | 35.9 | -0.5 | 115 |
| | Haryana | 5900 | 0 | 110.9 | 58.3 | -1.4 | 459 |
| | Rajasthan | 9627 | 0 | 209.3 | 66.3 | 1.8 | 264 |
| | Delhi | 3276 | 0 | 60.7 | 43.6 | -0.3 | 222 |
| | UP | 11352 | 2225 | 232.9 | 92.3 | -1.6 | 239 |
| | Uttarakhand | 1637 | 40 | 32.6 | 22.0 | 0.4 | 131 |
| | HP | 1185 | 0 | 23.5 | 17.3 | -2.3 | 47 |
| | J&K | 1822 | 322 | 32.0 | 30.3 | -7.9 | 39 |
| WR | Chhattisgarh | 188 | 0 | 3.4 | 3.6 | 0.3 | 5 |
| | Gujarat | 3473 | 96 | 80.9 | 27.6 | 1.5 | 296 |
| | MP | 11757 | 0 | 268.2 | 80.1 | -1.0 | 832 |
| | Maharashtra | 9148 | 0 | 188.5 | 104.6 | -2.6 | 256 |
| | Goa | 19352 | 71 | 410.5 | 125.3 | 1.7 | 493 |
| | DD | 423 | 0 | 8.5 | 7.7 | 0.3 | 146 |
| | DNH | 285 | 0 | 6.5 | 6.5 | 0.0 | 11 |
| | Essar steel | 703 | 0 | 16.0 | 16.2 | 0.8 | 34 |
| SR | Andhra Pradesh | 339 | 0 | 6.9 | 6.1 | 0.8 | 107 |
| | Telangana | 6462 | 0 | 147.4 | 24.8 | 3.9 | 539 |
| | Karnataka | 6297 | 300 | 144.1 | 80.7 | 3.8 | 339 |
| | Kerala | 8908 | 850 | 195.8 | 28.7 | 3.3 | 541 |
| | Tamil Nadu | 3373 | 175 | 63.5 | 44.3 | 2.1 | 241 |
| | Pondy | 12101 | 968 | 272.7 | 105.7 | 0.4 | 366 |
| | Bihar | 322 | 0 | 6.4 | 6.3 | 0.1 | 28 |
| ER | DVC | 2712 | 50 | 53.3 | 51.0 | -1.6 | 30 |
| | Jharkhand | 2642 | 0 | 56.7 | -16.9 | 0.1 | 150 |
| | Odisha | 1070 | 0 | 22.6 | 11.0 | 0.3 | 100 |
| | West Bengal | 3680 | 60 | 70.8 | 22.4 | 4.4 | 310 |
| | Sikkim | 6977 | 0 | 137.1 | 27.7 | 5.5 | 340 |
| | Arunachal Pradesh | 103 | 0 | 1.6 | 1.4 | 0.2 | 23 |
| NER | Assam | 95 | 2 | 1.5 | 1.3 | 0.2 | 34 |
| | Manipur | 1178 | 112 | 21.6 | 14.0 | 2.4 | 136 |
| | Meghalaya | 128 | 2 | 1.7 | 2.1 | -0.4 | 47 |
| | Mizoram | 334 | 3 | 5.0 | 4.9 | -1.0 | 22 |
| | Nagaland | 85 | 4 | 1.2 | 1.0 | 0.2 | 29 |
| | Tripura | 112 | 3 | 1.9 | 1.5 | 0.3 | 34 |
| | | 206 | 0 | 2.9 | 0.5 | 0.2 | 61 |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 2.1 | -3.9 | -10.7 |
| Max MW | | -187.0 | -473.0 |

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

| | NR | WR | SR | ER | NER | TOTAL |
|--------------|------|--------|------|-------|------|-------|
| Schedule(MU) | 98.0 | -106.6 | 50.2 | -50.3 | 9.4 | 0.7 |
| Actual(MU) | 93.2 | -107.7 | 41.9 | -40.9 | 11.4 | -2.1 |
| O/D/U/D(MU) | -4.8 | -1.1 | -8.3 | 9.3 | 2.0 | -2.9 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 4254 | 9022 | 750 | 2670 | 85 | 16781 |
| State Sector | 6795 | 11412 | 3052 | 4899 | 110 | 26268 |
| Total | 11049 | 20434 | 3802 | 7569 | 195 | 43049 |

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 : 26-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 | 40 | -312 | 0.0 | -3.0 | -3.0 |
| | | GAYA-BALIA | S/C | | | | | |
| 2 | | SASARAM-FATEHPUR | S/C | 0 | 0 | 2.0 | 0.0 | 2.0 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0.0 | -1.0 | -1.0 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 0 | 0 | 0.0 | -9.0 | -9.0 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 0 | -284 | 0.0 | 0.0 | 0.0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -158 | 0.0 | 0.0 | 0.0 |
| 7 | | PATNA-BALIA | Q/C | 303 | -123 | 1.0 | 0.0 | 1.0 |
| 8 | | BIHARSHARIFF-BALIA | D/C | 0 | -316 | 0.0 | -11.0 | -11.0 |
| 10 | 220 KV | PUSAULI-SAHUPURI | S/C | 0 | -198 | 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 | 51 | 0 | 1.0 | 0.0 | 1.0 |
| 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 | | | | | | 4.0 | -27.0 | -23.0 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 765 KV | JHARSUGUDA-DHARAMJAIGARH S/C | D/C | 0 | 138 | 0.0 | 0.0 | 2.2 |
| 16 | | NEW RANCHI-DHARAMJAIGARH | S/C | 0 | 196 | 0.0 | 0.0 | 2.7 |
| 17 | 400 KV | ROURKELA - RAIGARH (SEL LILO BYPASS) | S/C | 0 | 0 | 1.0 | 0.0 | 1.0 |
| 18 | | JHARSUGUDA-RAIGARH | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 19 | | IBEUL-RAIGARH | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 20 | | STERLITE-RAIGARH | D/C | 0 | 0 | 0.0 | -5.9 | -5.9 |
| 21 | | RANCHI-SIPAT | D/C | 1 | 0 | 0.0 | -0.1 | -0.1 |
| 22 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 328 | 0 | 5.0 | 0.0 | 5.0 |
| 23 | | BUDHIPADAR-KORBA | D/C | 0 | -165 | 0.0 | -2.0 | -2.0 |
| ER-WR | | | | | | 6.0 | -8.0 | 2.9 |
| Import/Export of ER (With SR) | | | | | | | | |
| 24 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -558 | 0 | -14.0 | -14.0 |
| 25 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -1975 | 0 | -47.0 | -47.0 |
| 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 | -61.0 | -61.0 |
| 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 | -456 | 0 | -11 | -11 |
| ER-NER | | | | | | 0.0 | -11.0 | -11.0 |
| Import/Export of WR (With NR) | | | | | | | | |
| 29 | HVDC | V'CHAL B/B | D/C | 500 | 0 | 7.1 | 0.0 | 7.1 |
| 30 | 765 KV | GWALIOR-AGRA | D/C | 0 | -2100 | 0.0 | -32.4 | -32.4 |
| 31 | 400 KV | ZERDA-KANKROLI | S/C | 421 | 0 | 6.6 | 0.0 | 6.6 |
| 32 | 400 KV | ZERDA -BHINMAL | S/C | 361 | 0 | 4.3 | 0.0 | 4.3 |
| 33 | 400 KV | V'CHAL -RIHAND | S/C | 0 | -514 | 0.0 | -11.3 | -11.3 |
| 34 | 220 KV | BADOD-KOTA | S/C | 94 | 0 | 1.6 | 0.0 | 1.6 |
| 35 | | BADOD-MORAK | S/C | 89 | 0 | 0.9 | 0.0 | 0.9 |
| 36 | | MEHGAON-AURAIYA | S/C | 96 | 0 | 1.7 | 0.0 | 1.7 |
| 37 | | MALANPUR-AURAIYA | S/C | 63 | 0 | 0.7 | 0.0 | 0.7 |
| 38 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| WR-NR | | | | | | 22.9 | -43.7 | -20.8 |
| 39 | HVDC | APL -MHG | D/C | 0 | -2317 | 0.0 | -50.6 | -50.6 |
| Import/Export of WR (With SR) | | | | | | | | |
| 40 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0.0 | -23.9 | -23.9 |
| 41 | | BARSUR-L.SILERU | - | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 42 | 765 KV | SOLAPUR-RAICHUR | D/C | 263 | -566 | 0.0 | -3.2 | -3.2 |
| 43 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | -162 | 0.0 | -3.2 | -3.2 |
| 44 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 45 | | XELDEM-AMBEWADI | S/C | 103 | 0 | 2.1 | 0.0 | 2.1 |
| WR-SR | | | | | | 2.1 | -30.3 | -28.2 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 46 | | BHUTAN | | | | | | 2.1 |
| 47 | | NEPAL | | | | | | -10.7 |
| 48 | | BANGLADESH | | | | | | -3.9 |