



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

Report for previous day

Date of Reporting

24-Mar-14

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 31749 | 38592 | 34511 | 15035 | 1863 | 121750 |
| Peak Shortage (MW) | 1545 | 150 | 1918 | 869 | 137 | 4619 |
| Energy Met (MU) | 752 | 889 | 818 | 311 | 30 | 2800 |
| Hydro Gen(MU) | 140 | 54 | 93 | 24 | 4 | 314 |
| Wind Gen(MU) | 9 | 15 | 10 | ----- | ----- | 34 |

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 | 0.0 | 0.2 | 1.7 | 13.1 | 15.0 | 55.5 | 29.5 |
| SR GRID | 0.0 | 0.2 | 1.7 | 13.1 | 15.0 | 55.5 | 29.5 |

NEW and SR grid running in synchronisation.

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 | 4765 | 0 | 96.7 | 44.7 | -0.1 | 109 |
| | Haryana | 5142 | 0 | 98.6 | 63.4 | -2.8 | 145 |
| | Rajasthan | 8043 | 0 | 174.7 | 57.0 | -1.7 | 112 |
| | Delhi | 2778 | 0 | 55.5 | 42.4 | -3.1 | 104 |
| | UP | 10578 | 1445 | 236.9 | 101.8 | 0.4 | 653 |
| | Uttarakhand | 1518 | 0 | 29.0 | 20.1 | 0.9 | 179 |
| | HP | 1224 | 0 | 23.7 | 14.4 | 0.1 | 89 |
| | J&K | 1552 | 100 | 34.2 | 25.8 | -1.8 | 0 |
| WR | Chandigarh | 157 | 0 | 3.0 | 0.0 | 3.0 | 157 |
| | Chhattisgarh | 3188 | 56 | 75.1 | 22.3 | 0.0 | 261 |
| | Gujarat | 11313 | 0 | 254.2 | 66.9 | 0.6 | 679 |
| | MP | 6681 | 14 | 143.7 | 69.9 | -0.6 | 412 |
| | Maharashtra | 17148 | 76 | 376.7 | 117.7 | 3.6 | 679 |
| | Goa | 372 | 1 | 7.6 | 7.8 | -0.9 | 59 |
| | DD | 258 | 0 | 6.1 | 5.9 | 0.3 | 15 |
| | DNH | 574 | 1 | 13.5 | 13.6 | -0.1 | 19 |
| SR | Essar steel | 558 | 1 | 12.1 | 12.0 | 0.1 | 102 |
| | Andhra Pradesh | 13162 | 800 | 281.5 | 99.6 | 4.0 | 527 |
| | Karnataka | 8683 | 450 | 193.2 | 23.7 | 0.9 | 400 |
| | Kerala | 3384 | 0 | 63.2 | 32.5 | 1.3 | 194 |
| | Tamil Nadu | 11928 | 668 | 273.6 | 100.1 | 6.6 | 451 |
| | Pondy | 310 | 0 | 6.1 | 6.2 | -0.1 | 66 |
| ER | Bihar | 1849 | 800 | 38.9 | 35.3 | 1.2 | 100 |
| | DVC | 2576 | 30 | 59.4 | -10.8 | -0.3 | 250 |
| | Jharkhand | 964 | 0 | 20.7 | 11.2 | 0.4 | 60 |
| | Odisha | 3787 | 0 | 74.2 | 15.8 | 0.5 | 300 |
| | West Bengal | 6453 | 39 | 116.7 | 26.2 | 1.9 | 230 |
| NER | Sikkim | 96 | 0 | 1.2 | 1.2 | 0.1 | 15 |
| | Arunachal Pradesh | 91 | 5 | 1.5 | 1.4 | 0.1 | 28 |
| | Assam | 1080 | 80 | 17.8 | 12.3 | 0.2 | 105 |
| | Manipur | 112 | 2 | 1.5 | 1.7 | -0.2 | 30 |
| | Meghalaya | 250 | 5 | 3.9 | 3.3 | -0.1 | 75 |
| | Mizoram | 66 | 4 | 1.0 | 1.0 | -0.3 | 21 |
| | Nagaland | 92 | 2 | 1.4 | 1.6 | -0.5 | 11 |
| Tripura | 203 | 2 | 2.6 | -0.2 | 0.5 | 35 | |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 3.0 | -2.8 | -10.6 |
| Max MW | | -121.0 | -467.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|------|-------|------|-------|------|
| Schedule(MU) | 97.2 | -95.5 | 36.4 | -46.2 | 5.1 |
| Actual(MU) | 92.4 | -99.1 | 36.9 | -39.3 | 4.5 |
| O/D/U/D(MU) | -4.8 | -3.6 | 0.5 | 6.9 | -0.6 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 3686 | 5375 | 470 | 1970 | 280 | 11781 |
| State Sector | 6650 | 11691 | 860 | 4919 | 110 | 24230 |
| Total | 10336 | 17066 | 1330 | 6889 | 390 | 36011 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(त्रि०प्र०)/
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

| INTER-REGIONAL EXCHANGES | | | | | | | | |
|---------------------------------------|---------------|------------------------|------------------------|-----------------|-----------------|-------------------------------|--------------|--------------|
| | | | | | | Date of Reporting : 24-Mar-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 | 113 | -68 | 0 | 0.0 | 0.0 |
| 2 | | SASARAM-FATEHPUR | D/C | 0 | 0 | 0 | -1.8 | -1.8 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0 | -6 | -6 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 0 | -231 | 0 | 0 | 0 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 0 | -126 | 0 | 0 | 0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 35 | -280 | 0 | -3.7 | -3.7 |
| 7 | | PATNA-BALIA | D/C | 0 | -284 | 0 | -10.1 | -10.1 |
| 8 | | BIHARSHARIF-BALIA | S/C | 25 | -209 | 0 | -3 | -2.8 |
| 9 | 220 KV | PUSAULI-BALIA | D/C | 131 | 0 | 3 | 0 | 3 |
| 10 | | PUSAULI-SAHUPURI | S/C | 0 | -158 | 0 | -3.2 | -3.2 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 1 | 0 | 1 |
| 12 | | GARWAH-RIHAND | S/C | 35 | 0 | 0 | 0 | 0.0 |
| 13 | | KARMANASA-SAHUPURI | S/C | 0 | 0 | 0 | 0 | 0 |
| 14 | | KARMANASA-CHANDALI | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-NR | | | | | | 3 | -27.6 | -24.3 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 400 KV | JHARSUGUDA-RAIGARH | D/C | 522 | -97 | 4.0 | 0 | 4.0 |
| 16 | | STERLITE-RAIGARH | D/C | 95 | -129 | 0 | -2.3 | -2.3 |
| 17 | | RANCHI-SIPAT | D/C | 497 | 0 | 5 | 0.0 | 4.9 |
| 18 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 0 | -173 | 0 | -2.8 | -2.8 |
| 19 | | BUDHIPADAR-KORBA | D/C | 70 | -79 | 0 | 0 | -0.2 |
| ER-WR | | | | | | 8.9 | -5.3 | 3.6 |
| Import/Export of ER (With SR) | | | | | | | | |
| 20 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -749 | 0 | -18.2 | -18.2 |
| 21 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -1872 | 0 | -41.1 | -41.1 |
| 22 | 400 KV | TALCHER-I/C | | 402 | 0 | 5 | 0.0 | 5.3 |
| 23 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-SR | | | | | | 5 | -18.2 | -13.0 |
| Import/Export of ER (With NER) | | | | | | | | |
| 24 | 400 KV | BINAGURI-BONGAIGAON | D/C | 28 | -454 | 0 | -4.1 | -4.1 |
| 25 | 220 KV | BIRPARA-SALAKATI | D/C | 13 | -109 | 0 | -1.0 | -1.0 |
| ER-NER | | | | | | 0 | -5.1 | -5.1 |
| Import/Export of WR (With NR) | | | | | | | | |
| 26 | HVDC | V'CHAL B/B | D/C | 100 | -500 | 0 | -8 | -8.0 |
| 27 | 765 KV | GWALIOR-AGRA | D/C | 0 | -1636 | 0 | -28.5 | -28.5 |
| 28 | 400 KV | ZERDA-KANKROLI | S/C | 466 | -59 | 7.1 | 0 | 7.1 |
| 29 | 400 KV | ZERDA -BHINMAL | S/C | 424 | 0 | 4.7 | 0 | 4.7 |
| 30 | 220 KV | BADOD-KOTA | S/C | 118 | 0 | 1.5 | 0 | 1.5 |
| 31 | | BADOD-MORAK | S/C | 87 | 0 | 0.8 | 0 | 0.8 |
| 32 | | MEHGAON-AURAIYA | S/C | 76 | 0 | 1.4 | 0 | 1.4 |
| 33 | | MALANPUR-AURAIYA | S/C | 39 | 0 | 0.7 | 0 | 0.7 |
| 34 | | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0 | 0 |
| WR-NR | | | | | | 16.2 | -36.5 | -20.3 |
| 35 | HVDC | APL -MHG | D/C | 0 | -2000 | 0 | -48.3 | -48.3 |
| Import/Export of WR (With SR) | | | | | | | | |
| 36 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0 | -23.9 | -24 |
| 37 | | BARSUR-L.SILERU | - | 0 | 0 | 0 | 0 | 0.0 |
| 38 | 765 KV | SOLAPUR-RAICHUR | I | 360 | -473 | 0 | 0.0 | -3.1 |
| 39 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | 0 | 0 | 0 | 0.0 |
| 40 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0 | 0 | 0.0 |
| 41 | | XELDEM-AMBEWADI | S/C | 101 | 0 | 2.2 | 0.0 | 2.2 |
| WR-SR | | | | | | 2.2 | -24 | -24.8 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 42 | | BHUTAN | | | | | | 3.0 |
| 43 | | NEPAL | | | | | | -2.8 |
| 44 | | BANGLADESH | | | | | | -10.6 |