



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

Report for previous day

Date of Reporting

11-Mar-14

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 27486 | 37117 | 32825 | 15268 | 1815 | 114511 |
| Peak Shortage (MW) | 2313 | 57 | 1551 | 213 | 255 | 4389 |
| Energy Met (MU) | 694 | 818 | 760 | 304 | 30 | 2605 |
| Hydro Gen(MU) | 109 | 42 | 70 | 24 | 4 | 248 |
| Wind Gen(MU) | 10 | 11 | 14 | ----- | ----- | 35 |

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 | 0.0 | 0.1 | 3.5 | 3.6 | 46.8 | 49.6 |
| SR GRID | 0.0 | 0.0 | 0.1 | 3.5 | 3.6 | 46.8 | 49.6 |

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 | 4707 | 0 | 86.5 | 37.8 | -2.5 | 137 |
| | Haryana | 4794 | 0 | 78.4 | 49.9 | -1.1 | 298 |
| | Rajasthan | 8990 | 0 | 177.5 | 61.2 | -3.2 | 178 |
| | Delhi | 3028 | 38 | 56.7 | 39.2 | -1.6 | 253 |
| | UP | 9558 | 2135 | 208.5 | 85.4 | -0.6 | 611 |
| | Uttarakhand | 1678 | 40 | 32.4 | 21.6 | 1.7 | 169 |
| | HP | 1319 | 0 | 24.3 | 17.8 | 1.3 | 164 |
| | J&K | 1649 | 100 | 26.3 | 25.5 | -5.1 | 162 |
| WR | Chandigarh | 179 | 0 | 3.3 | 3.3 | -0.1 | 22 |
| | Chhattisgarh | 3110 | 49 | 67.3 | 16.3 | 0.3 | 393 |
| | Gujarat | 11509 | 0 | 254.0 | 74.9 | -0.4 | 729 |
| | MP | 6563 | 0 | 129.4 | 65.2 | 0.6 | 260 |
| | Maharashtra | 15090 | 8 | 325.3 | 90.5 | 1.1 | 770 |
| | Goa | 428 | 0 | 8.2 | 7.0 | 0.5 | 65 |
| | DD | 258 | 0 | 6.2 | 5.8 | 0.4 | 26 |
| | DNH | 640 | 0 | 14.7 | 14.5 | 0.2 | 20 |
| SR | Essar steel | 583 | 0 | 12.7 | 12.0 | 0.6 | 37 |
| | Andhra Pradesh | 11446 | 400 | 258.1 | 89.8 | 3.8 | 448 |
| | Karnataka | 7912 | 400 | 165.6 | 21.6 | 0.3 | 274 |
| | Kerala | 3429 | 8 | 64.6 | 32.3 | 1.6 | 227 |
| | Tamil Nadu | 12164 | 743 | 265.2 | 93.1 | -1.7 | 249 |
| | Pondy | 306 | 0 | 6.1 | 6.2 | -0.1 | 31 |
| ER | Bihar | 2001 | 200 | 40.6 | 37.6 | 0.6 | 120 |
| | DVC | 2631 | 0 | 56.6 | -16.4 | -0.7 | 150 |
| | Jharkhand | 978 | 0 | 20.6 | 10.0 | -0.6 | 170 |
| | Odisha | 3557 | 0 | 65.0 | 10.0 | 0.4 | 250 |
| | West Bengal | 6514 | 13 | 119.3 | 28.5 | 4.4 | 430 |
| NER | Sikkim | 107 | 0 | 1.3 | 1.4 | -0.1 | 20 |
| | Arunachal Pradesh | 114 | 1 | 1.4 | 1.3 | 0.2 | 51 |
| | Assam | 994 | 179 | 17.5 | 12.0 | 2.3 | 174 |
| | Manipur | 109 | 11 | 1.5 | 1.4 | 0.0 | 47 |
| | Meghalaya | 268 | 2 | 4.6 | 3.1 | 0.7 | 60 |
| | Mizoram | 68 | 2 | 1.0 | 0.9 | -0.2 | 17 |
| | Nagaland | 73 | 2 | 1.5 | 1.4 | -0.2 | 19 |
| Tripura | 234 | 1 | 2.9 | 0.1 | 0.4 | 54 | |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 1.4 | -2.9 | -11.5 |
| Max MW | | -148.7 | -463.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|--------|------|-------|-----|
| Schedule(MU) | 100.2 | -95.4 | 34.4 | -47.4 | 6.5 |
| Actual(MU) | 97.7 | -104.7 | 34.5 | -40.0 | 9.4 |
| O/D/U/D(MU) | -2.5 | -9.3 | 0.1 | 7.4 | 2.9 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 4321 | 5031 | 500 | 1470 | 335 | 11657 |
| State Sector | 7400 | 11197 | 1070 | 4279 | 110 | 24055 |
| Total | 11721 | 16228 | 1570 | 5749 | 445 | 35713 |

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 : 11-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 | 143 | -21 | 1 | 0.0 | 1.2 |
| 2 | | SASARAM-FATEHPUR | D/C | 0 | 0 | 0 | 0.0 | 0.1 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0 | -7 | -7 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 0 | -197 | 0 | 0 | 0 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 0 | -170 | 0 | 0 | 0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 70 | -296 | 0 | -3.8 | -3.8 |
| 7 | | PATNA-BALIA | D/C | 0 | -342 | 0 | -10.1 | -10.1 |
| 8 | | BIHARSHARIF-BALIA | S/C | 57 | -414 | 0 | -4 | -4.4 |
| 9 | 220 KV | PUSAULI-BALIA | D/C | 157 | -14 | 2 | 0 | 2 |
| 10 | | PUSAULI-SAHUPURI | S/C | 0 | -191 | 0 | -2.9 | -2.9 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0 | 0 | 0 |
| 12 | | GARWAH-RIHAND | S/C | 31 | 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 | | | | | | 4 | -28.2 | -24.4 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 400 KV | JHARSUGUDA-RAIGARH | D/C | 403 | -53 | 4.0 | 0 | 4.0 |
| 16 | | STERLITE-RAIGARH | D/C | 46 | -113 | 0 | -2.2 | -2.2 |
| 17 | | RANCHI-SIPAT | D/C | 464 | 0 | 6 | 0.0 | 6.0 |
| 18 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 0 | -135 | 0 | -2.2 | -2.2 |
| 19 | | BUDHIPADAR-KORBA | D/C | 48 | -44 | 0 | 0 | 0.1 |
| ER-WR | | | | | | 10.2 | -4.6 | 5.6 |
| 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 | -1783 | 0 | -38.5 | -38.5 |
| 22 | 400 KV | TALCHER-I/C | | 661 | 0 | 8 | 0.0 | 7.5 |
| 23 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-SR | | | | | | 8 | -18.2 | -10.7 |
| Import/Export of ER (With NER) | | | | | | | | |
| 24 | 400 KV | BINAGURI-BONGAIGAON | D/C | 0 | -572 | 0 | -8.2 | -8.2 |
| 25 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -119 | 0 | -1.7 | -1.7 |
| ER-NER | | | | | | 0 | -10.0 | -10.0 |
| Import/Export of WR (With NR) | | | | | | | | |
| 26 | HVDC | V'CHAL B/B | D/C | 500 | -500 | 0.355 | -8.554 | -8.2 |
| 27 | 765 KV | GWALIOR-AGRA | D/C | 0 | -2000 | 0 | -32.702 | -32.7 |
| 28 | 400 KV | ZERDA-KANKROLI | S/C | 419 | -59 | 6.1 | 0 | 6.1 |
| 29 | 400 KV | ZERDA -BHINMAL | S/C | 354 | -162 | 2.9 | 0 | 2.9 |
| 30 | 220 KV | BADOD-KOTA | S/C | 100 | -10 | 1.2 | 0 | 1.1 |
| 31 | | BADOD-MORAK | S/C | 69 | -37 | 0.6 | 0 | 0.5 |
| 32 | | MEHGAON-AURAIYA | S/C | 76 | 0 | 1.4 | 0 | 1.4 |
| 33 | | MALANPUR-AURAIYA | S/C | 36 | 0 | 0.5 | 0 | 0.5 |
| 34 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0 | 0 | 0 |
| WR-NR | | | | | | 12.6 | -0.2 | -28.4 |
| 35 | HVDC | APL -MHG | D/C | 0 | -2000 | 0 | -44.4 | -44.4 |
| Import/Export of WR (With SR) | | | | | | | | |
| 36 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0 | -23.638 | -24 |
| 37 | | BARSUR-L.SILERU | - | 0 | 0 | 0 | 0 | 0.0 |
| 38 | 765 KV | SOLAPUR-RAICHUR | I | 317 | -483 | 0 | 0.0 | -2.52233 |
| 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 | 102 | 0 | 2.0 | 0.0 | 2.0 |
| WR-SR | | | | | | 2.0 | 0 | -21.6 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 42 | | BHUTAN | | | | | | 1.4 |
| 43 | | NEPAL | | | | | | -2.9 |
| 44 | | BANGLADESH | | | | | | -11.5 |