



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

Report for previous day

Date of Reporting

22-Feb-14

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 34677 | 37489 | 34275 | 14696 | 1854 | 122991 |
| Peak Shortage (MW) | 1508 | 151 | 2845 | 456 | 215 | 5175 |
| Energy Met (MU) | 769 | 893 | 789 | 296 | 33 | 2779 |
| Hydro Gen(MU) | 104 | 57 | 92 | 20 | 4 | 277 |
| Wind Gen(MU) | 8 | 17 | 11 | ----- | ----- | 36 |

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 | 0.2 | 2.0 | 2.1 | 32.8 | 65.1 |
| SR GRID | 0.0 | 0.0 | 0.2 | 2.0 | 2.1 | 32.8 | 65.1 |

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 | 5115 | 363 | 95.9 | 39.7 | 0.6 | 174 |
| | Haryana | 5514 | 0 | 107.6 | 67.4 | -0.8 | 154 |
| | Rajasthan | 9459 | 0 | 184.0 | 75.2 | -2.6 | 114 |
| | Delhi | 3562 | 0 | 59.5 | 42.0 | -0.7 | 394 |
| | UP | 9760 | 960 | 221.8 | 85.1 | 1.4 | 381 |
| | Uttarakhand | 1801 | 75 | 33.4 | 21.9 | 3.0 | 308 |
| | HP | 1328 | 10 | 23.8 | 18.3 | 0.6 | 82 |
| WR | J&K | 1823 | 100 | 39.3 | 31.7 | 1.7 | 204 |
| | Chandigarh | 202 | 0 | 3.5 | 3.3 | 0.2 | 37 |
| | Chhattisgarh | 3136 | 26 | 68.7 | 18.3 | 0.1 | 437 |
| | Gujarat | 11024 | 11 | 244.7 | 62.7 | -2.3 | 430 |
| | MP | 8246 | 7 | 161.8 | 92.4 | -2.6 | 416 |
| | Maharashtra | 18146 | 105 | 379.5 | 117.7 | 2.4 | 606 |
| | Goa | 409 | 0 | 8.3 | 7.3 | 0.3 | 20 |
| SR | DD | 235 | 0 | 5.9 | 5.3 | 0.5 | 39 |
| | DNH | 615 | 1 | 14.5 | 14.4 | 0.1 | 31 |
| | Essar steel | 448 | 0 | 9.5 | 8.8 | 0.6 | 37 |
| | Andhra Pradesh | 11925 | 1500 | 268.2 | 91.1 | 7.7 | 510 |
| | Karnataka | 8839 | 450 | 192.6 | 21.8 | 0.9 | 430 |
| | Kerala | 3248 | 150 | 62.3 | 27.1 | 2.4 | 308 |
| | Tamil Nadu | 11766 | 745 | 259.7 | 87.1 | 3.8 | 523 |
| ER | Pondy | 315 | 0 | 6.1 | 6.2 | -0.1 | 20 |
| | Bihar | 2147 | 200 | 41.9 | 38.7 | 0.7 | 130 |
| | DVC | 2577 | 250 | 59.5 | -22.8 | 0.6 | 100 |
| | Jharkhand | 1017 | 0 | 20.9 | 10.7 | -0.5 | 100 |
| | Odisha | 3501 | 0 | 63.9 | 7.5 | 0.9 | 190 |
| NER | West Bengal | 6414 | 6 | 108.2 | 19.4 | 3.3 | 310 |
| | Sikkim | 104 | 0 | 1.4 | 1.3 | 0.1 | 12 |
| | Arunachal Pradesh | 108 | 7 | 1.6 | 1.4 | 0.2 | 35 |
| | Assam | 1085 | 83 | 19.8 | 13.0 | 1.8 | 103 |
| | Manipur | 112 | 6 | 1.6 | 1.7 | -0.1 | 28 |
| NER | Meghalaya | 272 | 8 | 4.2 | 3.3 | 0.0 | 66 |
| | Mizoram | 73 | 2 | 1.1 | 1.0 | -0.2 | 12 |
| | Nagaland | 98 | 5 | 1.6 | 1.6 | -0.3 | 17 |
| | Tripura | 202 | 0 | 2.8 | 0.4 | -0.2 | 28 |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 1.9 | -2.4 | -11.4 |
| Max MW | | -118.0 | -477.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|--------|------|-------|-----|
| Schedule(MU) | 114.6 | -99.6 | 32.2 | -60.7 | 5.6 |
| Actual(MU) | 115.8 | -102.9 | 30.6 | -51.5 | 6.4 |
| O/D/U/D(MU) | 1.2 | -3.3 | -1.6 | 9.1 | 0.8 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|------|-------|------|------|-----|-------|
| Central Sector | 2686 | 4176 | 1250 | 2495 | 415 | 11022 |
| State Sector | 5955 | 10660 | 980 | 5414 | 110 | 23119 |
| Total | 8641 | 14836 | 2230 | 7909 | 525 | 34141 |

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारिषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(वि०प्र०)/
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 : 22-Feb-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 | 139 | -181 | 0 | -0.9 | -0.9 |
| 2 | | SASARAM-FATEHPUR | D/C | 0 | 0 | 0 | -2.4 | -2.4 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0 | -7 | -7 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 0 | -186 | 0 | 0 | 0 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 0 | -182 | 0 | 0 | 0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 131 | -317 | 0 | -3.7 | -3.7 |
| 7 | | PATNA-BALIA | D/C | 0 | -375 | 0 | -9.1 | -9.1 |
| 8 | | BIHARSHARIF-BALIA | S/C | 0 | -412 | 0 | -6 | -6.0 |
| 9 | 220 KV | PUSAULI-BALIA | D/C | 132 | 0 | 2 | 0 | 2 |
| 10 | | PUSAULI-SAHUPURI | S/C | 0 | -168 | 0 | -3.0 | -3.0 |
| 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 | | | | | | 3 | -32.3 | -29.6 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 400 KV | JHARSUGUDA-RAIGARH | D/C | 289 | -319 | 0.2 | 0 | 0.2 |
| 16 | | STERLITE-RAIGARH | D/C | 4 | -156 | 0 | -5.7 | -5.7 |
| 17 | | RANCHI-SIPAT | D/C | 397 | -139 | 2 | 0.0 | 1.9 |
| 18 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 0 | -137 | 0 | -2.8 | -2.8 |
| 19 | | BUDHIPADAR-KORBA | D/C | 0 | -8 | 0 | -1 | -0.6 |
| ER-WR | | | | | | 2.1 | -9.2 | -7.1 |
| Import/Export of ER (With SR) | | | | | | | | |
| 20 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -801 | 0 | -18.5 | -18.5 |
| 21 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -1581 | 0 | -35.2 | -35.2 |
| 22 | 400 KV | TALCHER-I/C | | 663 | 0 | 11 | 0.0 | 11.2 |
| 23 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0 | 0 | 0 |
| ER-SR | | | | | | 11 | -18.5 | -7.3 |
| Import/Export of ER (With NER) | | | | | | | | |
| 24 | 400 KV | BINAGURI-BONGAIGAON | D/C | 0 | -456 | 0 | -5.5 | -5.5 |
| 25 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -114 | 0 | -1.3 | -1.3 |
| ER-NER | | | | | | 0 | -6.8 | -6.8 |
| Import/Export of WR (With NR) | | | | | | | | |
| 26 | HVDC | V'CHAL B/B | D/C | 0 | -500 | 0 | -10 | -10.3 |
| 27 | 765 KV | GWALIOR-AGRA | D/C | 0 | -1800 | 0 | -32.3 | -32.3 |
| 28 | 400 KV | ZERDA-KANKROLI | S/C | 369 | -59 | 2.2 | 0 | 2.2 |
| 29 | 400 KV | ZERDA -BHINMAL | S/C | 287 | -283 | 0.0 | -1 | -0.8 |
| 30 | 220 KV | BADOD-KOTA | S/C | 115 | -10 | 1.4 | 0 | 1.4 |
| 31 | | BADOD-MORAK | S/C | 77 | -30 | 0.8 | 0 | 0.7 |
| 32 | | MEHGAON-AURAIYA | S/C | 66 | 0 | 1.3 | 0 | 1.3 |
| 33 | | MALANPUR-AURAIYA | S/C | 32 | 0 | 0.5 | 0 | 0.5 |
| 34 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0 | 0 | 0 |
| WR-NR | | | | | | 6.2 | -43.4 | -37.3 |
| 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 | -23.8 | -24 |
| 37 | | BARSUR-L.SILERU | - | 0 | 0 | 0 | 0 | 0.0 |
| 38 | 765 KV | SOLAPUR-RAICHUR | I | 363 | -384 | 0 | 0.0 | -0.9 |
| 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 | 99 | 0 | 2.1 | 0.0 | 2.1 |
| WR-SR | | | | | | 2.1 | -24 | -22.6 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 42 | | BHUTAN | | | | | | 1.9 |
| 43 | | NEPAL | | | | | | -2.4 |
| 44 | | BANGLADESH | | | | | | -11.4 |