



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

Report for previous day

Date of Reporting

3-Sep-14

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 41211 | 36475 | 31479 | 15377 | 1898 | 126440 |
| Peak Shortage (MW) | 3413 | 303 | 1195 | 707 | 415 | 6033 |
| Energy Met (MU) | 914 | 784 | 730 | 312 | 38 | 2777 |
| Hydro Gen(MU) | 261 | 48 | 152 | 82 | 22 | 566 |
| Wind Gen(MU) | 18 | 39 | 76 | ----- | ----- | 134 |

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 | 0.83 | 1.81 | 16.53 | 19.17 | 65.49 | 15.35 |
| SR GRID | 0.00 | 0.83 | 1.81 | 16.53 | 19.17 | 65.49 | 15.35 |

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 | 7720 | 75 | 173.1 | 104.4 | 0.5 | 140 |
| | Haryana | 7203 | 0 | 140.0 | 82.3 | -0.9 | 249 |
| | Rajasthan | 7587 | 0 | 163.1 | 51.8 | -2.7 | 264 |
| | Delhi | 4402 | 12 | 94.1 | 69.1 | -0.2 | 211 |
| | UP | 10796 | 3110 | 250.9 | 121.7 | -0.3 | 462 |
| | Uttarakhand | 1698 | 130 | 35.0 | 14.8 | 0.4 | 136 |
| | HP | 1210 | 0 | 24.2 | 2.5 | -0.4 | 121 |
| | J&K | 1625 | 100 | 27.9 | 14.1 | 1.0 | 453 |
| | Chandigarh | 255 | 0 | 5.3 | 4.8 | 0.5 | 67 |
| WR | Chhattisgarh | 3152 | 42 | 69.1 | 15.6 | -1.2 | 116 |
| | Gujarat | 9834 | 48 | 214.5 | 88.3 | -1.0 | 560 |
| | MP | 6513 | 0 | 135.8 | 70.8 | 0.7 | 295 |
| | Maharashtra | 15678 | 54 | 329.8 | 105.8 | 3.3 | 496 |
| | Goa | 378 | 0 | 8.0 | 8.1 | -0.4 | 0 |
| | DD | 264 | 0 | 5.9 | 5.6 | 0.3 | 59 |
| | DNH | 619 | 0 | 14.5 | 14.8 | -0.3 | 28 |
| | Essar steel | 278 | 0 | 6.1 | 6.8 | -0.7 | 11 |
| SR | Andhra Pradesh | 5785 | 400 | 130.2 | 25.9 | 1.6 | 411 |
| | Telangana | 5557 | 200 | 127.0 | 50.5 | 2.5 | 585 |
| | Karnataka | 6929 | 400 | 139.0 | 13.2 | 1.2 | 502 |
| | Kerala | 2955 | 150 | 52.5 | 26.3 | 2.3 | 230 |
| | Tamil Nadu | 12902 | 0 | 275.0 | 61.8 | 2.1 | 261 |
| | Pondy | 293 | 45 | 6.5 | 6.3 | 0.2 | 29 |
| ER | Bihar | 2215 | 150 | 45.2 | 43.2 | -0.5 | 190 |
| | DVC | 2306 | 100 | 52.6 | -13.2 | 4.2 | 480 |
| | Jharkhand | 873 | 50 | 18.1 | 11.5 | 1.3 | 90 |
| | Odisha | 3745 | 100 | 71.5 | 11.8 | 1.9 | 390 |
| | West Bengal | 6915 | 55 | 123.0 | 33.2 | 1.4 | 330 |
| | Sikkim | 90 | 0 | 1.1 | 1.1 | 0.0 | 35 |
| NER | Arunachal Pradesh | 114 | 2 | 1.7 | 2.0 | -0.2 | 30 |
| | Assam | 1135 | 269 | 24.4 | 15.0 | 2.6 | 237 |
| | Manipur | 118 | 2 | 1.6 | 2.2 | -0.6 | 43 |
| | Meghalaya | 242 | 3 | 4.2 | 0.1 | -0.3 | 46 |
| | Mizoram | 76 | 1 | 1.1 | 1.1 | -0.1 | 17 |
| | Nagaland | 106 | 2 | 1.8 | 1.3 | 0.0 | 28 |
| | Tripura | 228 | 5 | 3.6 | 1.0 | 0.5 | 74 |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 33.5 | -2.1 | -9.6 |
| Max MW | | -132.0 | -415.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|--------|------|-------|-----|
| Schedule(MU) | 103.2 | -83.4 | 31.7 | -51.2 | 1.8 |
| Actual(MU) | 107.9 | -106.7 | 38.6 | -42.3 | 3.2 |
| O/D/U/D(MU) | 4.7 | -23.3 | 6.9 | 8.9 | 1.4 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|-------|-------|------|-------|-----|-------|
| Central Sector | 4006 | 9157 | 2500 | 4970 | 159 | 20792 |
| State Sector | 7070 | 15053 | 4920 | 6059 | 110 | 33212 |
| Total | 11076 | 24210 | 7420 | 11029 | 268 | 54004 |

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 : 3-Sep-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 | 81 | -131 | 0.0 | -0.8 | -0.8 |
| 2 | | SASARAM-FATEHPUR | D/C | 0 | 0 | 0.0 | -3.0 | -3.0 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 0 | -121 | 0.0 | -2.4 | -2.4 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 0 | -112 | 0.0 | -2.1 | -2.1 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -653 | 0.0 | -10.9 | -10.9 |
| 7 | | PATNA-BALIA | D/C | 0 | -149 | 0.0 | -5.0 | -5.0 |
| 8 | | BIHARSHARIFF-BALIA | S/C | 0 | -294 | 0.0 | -4.6 | -4.6 |
| 9 | 220 KV | PUSAULI-BALIA | D/C | 0 | -29 | 1.6 | 0.0 | 1.6 |
| 10 | | PUSAULI-SAHUPURI | S/C | 0 | -188 | 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 | 26 | 0 | 0.7 | 0.0 | 0.7 |
| 13 | | KARMANASA-SAHUPURI | S/C | 1 | 0 | 0.0 | 0.0 | 0.0 |
| 14 | | KARMANASA-CHANDAULI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| ER-NR | | | | | | 2.3 | -31.8 | -29.5 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 765 KV | JHARSUGUDA-DHARAMJAIGARH | S/C | -99 | 90 | -0.5 | 0.0 | -0.5 |
| 16 | | RANCHI-DHARAMJAIGARH | D/C | 0 | 260 | 0.0 | 2.0 | 2.0 |
| 17 | 400 KV | ROURKELA - RAIGARH (SEL LILO BYPASS) | S/C | 0 | 0 | 1.0 | 0.0 | 1.0 |
| 18 | | JHARSUGUDA-RAIGARH | D/C | 47 | -248 | 2.0 | 0.0 | 2.0 |
| 19 | | STERLITE-RAIGARH | D/C | 114 | -301 | 1 | -5 | -4.0 |
| 20 | | RANCHI-SIPAT | D/C | 207 | -61 | 0.0 | -1.2 | -1.2 |
| 21 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 0 | -149 | 0.0 | -1.8 | -1.8 |
| 22 | | BUDHIPADAR-KORBA | D/C | 44 | -42 | 0.3 | -0.1 | 0.2 |
| ER-WR | | | | | | 3.6 | -5.8 | -2.2 |
| Import/Export of ER (With SR) | | | | | | | | |
| 23 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -509 | 0.0 | -10.0 | -10.0 |
| 23 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -1683 | 0.0 | -34.0 | -34.0 |
| 24 | 400 KV | TALCHER-I/C | | 478 | -198 | 3.47 | 0 | 3.47 |
| 25 | 220 KV | BALMELA-UPPER-SILERRU | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| ER-SR | | | | | | 3.5 | -10.0 | -6.5 |
| Import/Export of ER (With NER) | | | | | | | | |
| 26 | 400 KV | BINAGURI-BONGAIGAON | D/C | 156 | -284 | 0.0 | -0.5 | -0.5 |
| 27 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -159 | 0.0 | -2.1 | -2.1 |
| ER-NER | | | | | | 0.0 | -2.6 | -2.6 |
| Import/Export of WR (With NR) | | | | | | | | |
| 28 | HVDC | V'CHAL B/B | D/C | 150 | -300 | 0.9 | -2.1 | -1.2 |
| 29 | 765 KV | GWALIOR-AGRA | D/C | 49 | -1986 | 0.2 | -40.2 | -40.0 |
| 30 | 400 KV | ZERDA-KANKROLI | S/C | 422 | -59 | 6.6 | 0.0 | 6.6 |
| 31 | 400 KV | ZERDA -BHINMAL | S/C | 443 | 0 | 5.5 | 0.0 | 5.5 |
| 32 | 400 KV | V'CHAL -RIHAND | S/C | 0 | -450 | 0 | -10.73 | -10.73 |
| 33 | 220 KV | BADOD-KOTA | S/C | 86 | 0 | 1.0 | 0.0 | 1.0 |
| 34 | | BADOD-MORAK | S/C | 33 | -32 | 0.1 | -0.2 | -0.1 |
| 35 | | MEHGAON-AURAIYA | S/C | 82 | 0 | 1.3 | 0.0 | 1.3 |
| 36 | | MALANPUR-AURAIYA | S/C | 54 | 0 | 0.6 | 0.0 | 0.6 |
| 37 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| WR-NR | | | | | | 16.3 | -53.3 | -37.0 |
| 38 | HVDC | APL -MHG | D/C | 0 | 1600 | 0.0 | -38.7 | -38.7 |
| Import/Export of WR (With SR) | | | | | | | | |
| 39 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0.0 | -23.7 | -23.7 |
| 40 | | BARSUR-L.SILERU | - | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 41 | 765 KV | SOLAPUR-RAICHUR | D/C | 212 | -685 | 0.0 | -8.0 | -8.0 |
| 42 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | -102 | 0.0 | -1.8 | -1.8 |
| 43 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 44 | | XELDEM-AMBEWADI | S/C | 81 | 0 | 1.5 | 0.0 | 1.5 |
| WR-SR | | | | | | 1.5 | -33.5 | -32.1 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 45 | | BHUTAN | | | | | | 33.5 |
| 46 | | NEPAL | | | | | | -2.1 |
| 47 | | BANGLADESH | | | | | | -9.6 |