



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

Report for previous day

Date of Reporting

19-Sep-14

A. Maximum Demand

| | NR | WR | SR | ER | NER | Total |
|--|-------|-------|-------|-------|-------|--------|
| Demand Met during Evening Peak hrs(MW) | 43080 | 39416 | 32217 | 16681 | 1935 | 133329 |
| Peak Shortage (MW) | 3937 | 428 | 1600 | 180 | 425 | 6570 |
| Energy Met (MU) | 950 | 869 | 764 | 344 | 38 | 2965 |
| Hydro Gen(MU) | 230 | 98 | 140 | 88 | 17 | 573 |
| Wind Gen(MU) | 18 | 18 | 66 | ----- | ----- | 102 |

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 | 1.25 | 6.18 | 27.01 | 34.44 | 59.79 | 5.76 |
| SR GRID | 0.00 | 1.25 | 6.18 | 27.01 | 34.44 | 59.79 | 5.76 |

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 | 8606 | 0 | 180.4 | 82.7 | 0.9 | 153 |
| | Haryana | 7931 | 384 | 163.9 | 82.9 | -0.2 | 259 |
| | Rajasthan | 7990 | 0 | 179.8 | 54.4 | 1.1 | 371 |
| | Delhi | 4845 | 0 | 101.4 | 73.5 | 1.2 | 232 |
| | UP | 9114 | 5700 | 229.5 | 88.9 | 5.4 | 928 |
| | Uttarakhand | 1633 | 235 | 35.2 | 14.8 | 1.7 | 185 |
| | HP | 1286 | 0 | 27.0 | 6.2 | 0.3 | 95 |
| | J&K | 1436 | 0 | 26.9 | 15.1 | 1.2 | 224 |
| WR | Chandigarh | 271 | 0 | 5.4 | 4.2 | 1.2 | 110 |
| | Chhattisgarh | 3125 | 42 | 67.2 | 19.9 | 0.0 | 158 |
| | Gujarat | 11350 | 64 | 249.4 | 77.0 | 0.6 | 240 |
| | MP | 6863 | 0 | 142.3 | 56.7 | 3.4 | 530 |
| | Maharashtra | 17160 | 54 | 373.7 | 130.2 | 1.9 | 323 |
| | Goa | 390 | 0 | 7.8 | 7.4 | 0.2 | 89 |
| | DD | 275 | 0 | 6.1 | 6.0 | 0.0 | 48 |
| | DNH | 658 | 0 | 15.0 | 14.8 | 0.2 | 45 |
| SR | Essar steel | 336 | 0 | 7.3 | 7.2 | 0.1 | 110 |
| | Andhra Pradesh | 5588 | 600 | 125.7 | 30.8 | 0.5 | 1224 |
| | Telangana | 6099 | 200 | 141.1 | 54.2 | 1.2 | 371 |
| | Karnataka | 7550 | 800 | 157.6 | 25.2 | 2.2 | 330 |
| | Kerala | 3327 | 0 | 60.3 | 38.5 | 1.9 | 234 |
| | Tamil Nadu | 12866 | 0 | 272.8 | 74.4 | 0.2 | 302 |
| ER | Pondy | 320 | 0 | 6.4 | 6.4 | -0.1 | 74 |
| | Bihar | 2440 | 100 | 48.9 | 46.6 | 2.2 | 270 |
| | DVC | 2460 | 0 | 55.0 | -8.0 | 0.7 | 280 |
| | Jharkhand | 848 | 80 | 19.8 | 11.9 | 1.2 | 100 |
| | Odisha | 3640 | 0 | 74.9 | 16.2 | 0.0 | 250 |
| | West Bengal | 7477 | 0 | 144.6 | 44.6 | 3.5 | 300 |
| NER | Sikkim | 88 | 0 | 1.2 | 1.1 | 0.1 | 21 |
| | Arunachal Pradesh | 111 | 2 | 1.9 | 1.7 | 0.2 | 30 |
| | Assam | 1175 | 241 | 24.1 | 15.2 | 3.3 | 234 |
| | Manipur | 111 | 10 | 1.5 | 2.1 | -0.6 | 39 |
| | Meghalaya | 274 | 6 | 4.4 | 0.4 | -0.5 | 38 |
| | Mizoram | 72 | 2 | 1.2 | 1.1 | 0.1 | 20 |
| | Nagaland | 110 | 4 | 1.8 | 1.3 | 0.1 | 31 |
| Tripura | 231 | 5 | 3.3 | 1.5 | -0.4 | 85 | |

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

| | Bhutan | Nepal | Bangladesh |
|------------|--------|--------|------------|
| Actual(MU) | 33.1 | -2.4 | -8.7 |
| Max MW | | -128.3 | -401.0 |

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

| | NR | WR | SR | ER | NER |
|--------------|-------|--------|------|-------|-----|
| Schedule(MU) | 117.4 | -109.7 | 42.5 | -49.4 | 0.0 |
| Actual(MU) | 121.5 | -125.2 | 42.7 | -43.5 | 1.4 |
| O/D/U/D(MU) | 4.1 | -15.5 | 0.2 | 5.9 | 1.4 |

F. Generation Outage(MW)

| | NR | WR | SR | ER | NER | Total |
|----------------|-------|-------|------|------|-----|-------|
| Central Sector | 4825 | 9354 | 2170 | 3920 | 105 | 20374 |
| State Sector | 5235 | 15477 | 4092 | 5449 | 110 | 30363 |
| Total | 10060 | 24831 | 6262 | 9369 | 215 | 50737 |

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 : 19-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 | 70 | -315 | 0.0 | -3.8 | -3.8 |
| 2 | | SASARAM-FATEHPUR | D/C | 0 | 0 | 0.0 | -0.4 | -0.4 |
| 3 | HVDC LINK | PUSAULI B/B | S/C | 0 | 0 | 0.0 | -9.7 | -9.7 |
| 4 | 400 KV | PUSAULI-SARNATH | S/C | 0 | -273 | 0.0 | 0.0 | 0.0 |
| 5 | | PUSAULI -ALLAHABAD | D/C | 0 | -197 | 0.0 | 0.0 | 0.0 |
| 6 | | MUZAFFARPUR-GORAKHPUR | D/C | 0 | -613 | 0.0 | -9.0 | -9.0 |
| 7 | | PATNA-BALIA | D/C | 0 | -195 | 0.0 | -6.9 | -6.9 |
| 8 | | BIHARSHARIFF-BALIA | S/C | 59 | -386 | 0.0 | -5.4 | -5.4 |
| 9 | 220 KV | PUSAULI-BALIA | D/C | 151 | 0 | 1.2 | 0.0 | 1.2 |
| 10 | | PUSAULI-SAHUPURI | S/C | 0 | -199 | 0.0 | -2.4 | -2.4 |
| 11 | 132 KV | SONE NAGAR-RIHAND | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 12 | | GARWAH-RIHAND | S/C | 26 | 0 | 1.0 | 0.0 | 1.0 |
| 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 | | | | | | 2.2 | -37.5 | -35.3 |
| Import/Export of ER (With WR) | | | | | | | | |
| 15 | 765 KV | JHARSUGUDA-DHARAMJAIGARH | S/C | 0 | 210 | 0.0 | 3.6 | 3.6 |
| 16 | | RANCHI-DHARAMJAIGARH | D/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 17 | 400 KV | ROURKELA - RAIGARH (SEL LILO BYPASS) | S/C | 0 | 0 | 3.0 | 0.0 | 3.0 |
| 18 | | JHARSUGUDA-RAIGARH | D/C | 329 | -106 | 2.5 | 0.0 | 2.5 |
| 19 | | STERLITE-RAIGARH | D/C | 157 | -211 | 3 | -4 | -1.5 |
| 20 | | RANCHI-SIPAT | D/C | 276 | 0 | 3.8 | 0.0 | 3.8 |
| 21 | 220 KV | BUDHIPADAR-RAIGARH | S/C | 13 | -134 | 0.0 | -1.4 | -1.4 |
| 22 | | BUDHIPADAR-KORBA | D/C | 46 | -72 | 0.1 | -0.3 | -0.2 |
| ER-WR | | | | | | 12.0 | -2.2 | 9.7 |
| Import/Export of ER (With SR) | | | | | | | | |
| 23 | HVDC LINK | JEYPORE-GAZUWAKA B/B | D/C | 0 | -772 | 0.0 | -14.3 | -14.3 |
| 23 | | TALCHER-KOLAR BIPOLE | D/C | 0 | -2167 | 0.0 | -44.5 | -44.5 |
| 24 | 400 KV | TALCHER-I/C | | 579 | -291 | 0.96 | 0 | 0.96 |
| 25 | 220 KV | BALIMELA-UPPER-SILERRU | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| ER-SR | | | | | | 1.0 | -14.3 | -13.3 |
| Import/Export of ER (With NER) | | | | | | | | |
| 26 | 400 KV | BINAGURI-BONGAIGAON | D/C | 149 | -141 | 0.6 | 0.0 | 0.6 |
| 27 | 220 KV | BIRPARA-SALAKATI | D/C | 0 | -97 | 0.0 | -1.4 | -1.4 |
| ER-NER | | | | | | 0.6 | -1.4 | -0.8 |
| Import/Export of WR (With NR) | | | | | | | | |
| 28 | HVDC | V'CHAL B/B | D/C | 200 | -300 | 1.8 | -2.9 | -1.1 |
| 29 | 765 KV | GWALIOR-AGRA | D/C | 0 | -2062 | 0.0 | -33.9 | -33.9 |
| 30 | 400 KV | ZERDA-KANKROLI | S/C | 244 | -59 | 3.6 | 0.0 | 3.6 |
| 31 | 400 KV | ZERDA -BHINMAL | S/C | 272 | 0 | 3.5 | 0.0 | 3.5 |
| 32 | 400 KV | V'CHAL -RIHAND | S/C | 0 | -480 | 0 | -11.76 | -11.76 |
| 33 | 220 KV | BADOD-KOTA | S/C | 83 | -10 | 0.7 | -0.1 | 0.6 |
| 34 | | BADOD-MORAK | S/C | 13 | -70 | 0.0 | -0.5 | -0.5 |
| 35 | | MEHGAON-AURAIYA | S/C | 66 | 0 | 1.1 | 0.0 | 1.1 |
| 36 | | MALANPUR-AURAIYA | S/C | 33 | 0 | 0.4 | 0.0 | 0.4 |
| 37 | 132KV | GWALIOR-SAWAI MADHOPUR | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| WR-NR | | | | | | 11.1 | -49.2 | -38.1 |
| 38 | HVDC | APL -MHG | D/C | 0 | -2000 | 0.0 | -48.4 | -48.4 |
| Import/Export of WR (With SR) | | | | | | | | |
| 39 | HVDC LINK | BHADRAWATI B/B | - | 0 | -1000 | 0.0 | -23.8 | -23.8 |
| 40 | | BARSUR-L.SILERU | - | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 41 | 765 KV | SOLAPUR-RAICHUR | D/C | 596 | -590 | 0.0 | -5.6 | -5.6 |
| 42 | 220 KV | KOLHAPUR-CHIKODI | D/C | 0 | -119 | 0.0 | -2.2 | -2.2 |
| 43 | | PONDA-AMBEWADI | S/C | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 44 | | XELDEM-AMBEWADI | S/C | 85 | 0 | 1.6 | 0.0 | 1.6 |
| WR-SR | | | | | | 1.6 | -31.6 | -30.0 |
| TRANSNATIONAL EXCHANGE | | | | | | | | |
| 45 | | BHUTAN | | | | | | 33.1 |
| 46 | | NEPAL | | | | | | -2.4 |
| 47 | | BANGLADESH | | | | | | -8.7 |