

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 28.09.2011
Date of Reporting : 29.09.2011

I. Regional Availability/Demand:

| Evening Peak (20:00 Hrs) MW | | | | Off Peak (03:00 Hrs) MW | | | | Day Energy (Net MU) | |
|-----------------------------|----------|-------------|------------|-------------------------|----------|-------------|------------|---------------------|----------|
| Demand Met | Shortage | Requirement | Freq* (Hz) | Demand Met | Shortage | Requirement | Freq* (Hz) | Demand Met | Shortage |
| 31543 | 6708 | 38251 | 49.52 | 30639 | 3270 | 33909 | 49.82 | 741.4 | 110.77 |

* Half hourly (two 15 minutes block--one block each before and after the designated time) average frequency

II. A. State's Load Energy Details (At States periphery) in MUs:

| State | State's Control Area Generation (Net MU) | | | | Drawal Schedule (Net MU) | Actual Drawal (Net MU) | UI (Net MU) | Consumption (Net MU) | Shortages * (MU) |
|--------------|--|--------------|------------------|---------------|-----------------------------|---------------------------|----------------|-------------------------|---------------------|
| | Thermal | Hydro | Renewable/others | Total | | | | | |
| Punjab | 53.38 | 19.07 | | 72.44 | 68.68 | 71.52 | 2.84 | 143.96 | 32.66 |
| Haryana | 49.00 | 1.03 | | 50.02 | 43.81 | 54.25 | 10.44 | 104.27 | 23.05 |
| Rajasthan | 68.87 | 1.26 | 17.78 | 87.91 | 24.14 | 29.82 | 5.68 | 117.73 | 8.20 |
| Delhi | 27.22 | | | 27.22 | 64.38 | 56.89 | -7.50 | 84.11 | 0.12 |
| UP | 57.54 | 17.00 | 1.20 | 75.74 | 100.77 | 131.75 | 30.98 | 207.48 | 41.31 |
| Uttarakhand | | 19.40 | | 19.40 | 4.45 | 6.46 | 2.00 | 25.86 | 2.83 |
| HP | | 20.81 | | 20.81 | 2.64 | 4.21 | 1.57 | 25.01 | 2.60 |
| J & K | | 14.17 | 0.00 | 14.17 | 12.42 | 13.88 | 1.46 | 28.05 | 0.00 |
| Chandigarh | | | | 0.00 | 5.18 | 4.91 | -0.27 | 4.91 | 0.00 |
| Total | 256.00 | 92.73 | 18.98 | 367.71 | 326.46 | 373.66 | 47.20 | 741.38 | 110.77 |

* Shortage furnished by the respective constituent.

II. B. State's Demand Met in MWs:

| State | Evening Peak (20:00 Hrs) MW | | | | Off Peak (03:00 Hrs) MW | | | | Day Energy MU |
|--------------|-----------------------------|-------------|------------|---------------------|-------------------------|-------------|-------------|---------------------|---------------|
| | Demand Met | Shortage | UI | STOA/PX transaction | Demand Met | Shortage | UI | STOA/PX transaction | |
| Punjab | 6317 | 2070 | -176 | 875 | 6345 | 1303 | 242 | 926 | 21.10 |
| Haryana | 4501 | 1430 | 621 | 262 | 4424 | 524 | 555 | 262 | 5.43 |
| Rajasthan | 4918 | 862 | 212 | -355 | 4995 | 59 | 502 | -408 | -9.45 |
| Delhi | 3953 | 0 | -408 | 254 | 3029 | 0 | -485 | 204 | 5.75 |
| UP | 8047 | 2120 | 411 | 1285 | 9012 | 1315 | 1735 | 812 | 25.00 |
| Uttarakhand | 1149 | 220 | -3 | -180 | 1035 | 0 | 69 | -180 | -4.32 |
| HP | 1025 | 6 | 15 | -1557 | 707 | 69 | -59 | -822 | -26.06 |
| J&K | 1387 | 0 | 76 | -375 | 927 | 0 | -124 | -275 | -8.10 |
| Chandigarh | 246 | 0 | -12 | 30 | 165 | 0 | -20 | 30 | 0.72 |
| Total | 31543 | 6708 | 736 | 240 | 30639 | 3270 | 2415 | 549 | 110.77 |

* STOA figures are at sellers boundary & PX figures are at regional boundary.

III. Regional Entities :

| A. NTPC | Station/ Constituent | Inst. Capacity (Effective) MW | Declared Capacity(MW) | Peak MW (Gross) | Off Peak MW (Gross) | Energy (Net MU) | Average Sentout(MW) | Schedule Net MU | UI Net MU |
|---|-------------------------|----------------------------------|--------------------------|--------------------|------------------------|--------------------|------------------------|--------------------|--------------|
| | | | | | | | | | |
| | Singrauli STPS | 2000 | 943 | 1001 | 1042 | 22.65 | 944 | 22.62 | 0.03 |
| | Rihand I STPS | 1000 | 631 | 738 | 709 | 15.26 | 636 | 15.14 | 0.12 |
| | Rihand II STPS | 1000 | 468 | 519 | 505 | 11.25 | 469 | 11.23 | 0.01 |
| | Dadri I STPS | 840 | 800 | 875 | 872 | 19.38 | 808 | 19.20 | 0.18 |
| | Dadri II STPS | 980 | 975 | 1024 | 1036 | 23.46 | 977 | 23.40 | 0.06 |
| | Unchahar I TPS | 440 | 334 | 379 | 363 | 8.08 | 337 | 8.01 | 0.07 |
| | Unchahar II TPS | 440 | 169 | 189 | 181 | 4.08 | 170 | 4.06 | 0.02 |
| | Unchahar III TPS | 210 | 168 | 191 | 185 | 4.06 | 169 | 4.02 | 0.04 |
| | ISTPP (Jhajjar) | 500 | 470 | 446 | 466 | 7.51 | 313 | 11.07 | -3.56 |
| | Dadri GPS | 830 | 754 | 774 | 783 | 18.10 | 754 | 18.07 | 0.03 |
| | Anta GPS | 419 | 387 | 388 | 396 | 9.32 | 388 | 9.27 | 0.04 |
| | Auraiya GPS | 663 | 600 | 607 | 633 | 14.47 | 603 | 14.38 | 0.09 |
| | Sub Total (A) | 9322 | 6697 | 7131 | 7171 | 157.62 | 6567 | 160.48 | -2.86 |
| B. NPC | NAPS | 440 | 106 | 121 | 124 | 2.45 | 102 | 2.54 | -0.10 |
| | RAPS- B | 440 | 386 | 432 | 432 | 9.40 | 392 | 9.26 | 0.14 |
| | RAPS- C | 440 | 420 | 476 | 473 | 10.18 | 424 | 10.08 | 0.10 |
| | Sub Total (B) | 1320 | 912 | 1029 | 1029 | 22.02 | 918 | 21.89 | 0.13 |
| C. NHPC | Chamera I HPS | 540 | 415 | 360 | 0 | 6.47 | 270 | 5.77 | 0.70 |
| | Chamera II HPS | 300 | 297 | 274 | 199 | 4.49 | 187 | 4.33 | 0.15 |
| | Bairasuil HPS | 180 | 120 | 120 | 60 | 1.76 | 73 | 1.56 | 0.20 |
| | Salal-HPS | 690 | 401 | 522 | 378 | 10.04 | 418 | 9.59 | 0.44 |
| | Tanakpur-HPS | 94 | 94 | 94 | 95 | 2.28 | 95 | 2.24 | 0.03 |
| | Uri-HPS | 480 | 460 | 399 | 480 | 11.20 | 467 | 11.10 | 0.10 |
| | Dhauliganga-HPS | 280 | 277 | 282 | 79 | 4.43 | 185 | 4.24 | 0.18 |
| | Dulhasti-HPS | 390 | 387 | 417 | 415 | 9.57 | 399 | 9.28 | 0.29 |
| | Sewa-II HPS | 120 | 119 | 109 | 0 | 1.39 | 58 | 1.46 | -0.07 |
| | Sub Total (C) | 3074 | 2569 | 2577 | 1706 | 51.63 | 2151 | 49.60 | 2.03 |
| D. NJPC | Nathpa Jhakri | 1500 | 1600 | 1618 | 526 | 23.40 | 975 | 22.73 | 0.66 |
| | Sub Total (D) | 1500 | 1600 | 1618 | 526 | 23.40 | 975 | 22.73 | 0.66 |
| E. THDC | Tehri HPS | 1000 | 1050 | 909 | 0 | 5.91 | 246 | 5.83 | 0.08 |
| | Koteshwar HPS | 100 | 87 | 87 | 87 | 2.11 | 88 | 2.09 | 0.02 |
| | Sub Total (E) | 1100 | 1137 | 996 | 87 | 8.02 | 334 | 7.92 | 0.10 |
| F. BBMB | Bhakra HPS | 1480 | 913 | 1101 | 836 | 22.36 | 932 | 21.90 | 0.46 |
| | Dehar HPS | 990 | 450 | 660 | 460 | 11.44 | 477 | 10.80 | 0.64 |
| | Pong HPS | 396 | 239 | 306 | 186 | 6.03 | 251 | 5.74 | 0.29 |
| | Sub Total (F) | 2866 | 1602 | 2067 | 1482 | 39.83 | 1660 | 38.44 | 1.39 |
| G. IPP(s)/JV(s) | ADHPL HPS(IPP) | 192 | 0 | 47 | 47 | 1.13 | 47 | 1.09 | 0.05 |
| | KWHEP HPS(IPP) | 1000 | 0 | 550 | 525 | 13.26 | 552 | 12.17 | 1.09 |
| | Malana Stg-II HPS | 100 | 0 | 45 | 44 | 1.02 | 42 | 0.00 | 1.02 |
| | Shree Cement TPS | 150 | 0 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 |
| | Sub Total (G) | 1442 | 0 | 642 | 616 | 15.41 | 642 | 13.25 | 2.16 |
| H. Total Regional Entities (A-G) | | 20625 | 14516 | 16060 | 12617 | 317.92 | 13247 | 314.31 | 3.61 |

| I. State Entities | Station | Effective Installed Capacity (MW) | Peak MW | Off Peak MW | Energy(MU) | Average(Sent out MW) |
|---|---------------------------------|-----------------------------------|--------------|--------------|---------------|----------------------|
| Punjab | Guru Gobind Singh TPS (Ropar) | 1260 | 1030.00 | 1240.00 | 26.13 | 1089 |
| | Guru Nanak Dev TPS(Bhatinda) | 440 | 280.00 | 275.00 | 5.95 | 248 |
| | Guru Hargobind Singh TPS(L.mbt) | 920 | 968.00 | 950.00 | 21.30 | 888 |
| | Thermal (Total) | 2620 | 2278.00 | 2465.00 | 53.38 | 2224 |
| | Total Hydro | 1148 | 998.00 | 863.00 | 19.07 | 794 |
| | Total Punjab | 3768 | 3276 | 3328 | 72.44 | 3018 |
| Haryana | Panipat TPS | 1360 | 1144.00 | 1146.00 | 27.90 | 1162 |
| | DCRTPP (Yamuna nagar) | 600 | 278.00 | 279.00 | 6.40 | 267 |
| | Faridabad GPS (NTPC) | 432 | 398.00 | 399.00 | 9.51 | 396 |
| | RGTPP (khedar) (IPP) | 1200 | 0.00 | 334.00 | 5.19 | 216 |
| | Magnum Diesel (IPP) | 25 | 0.00 | 0.00 | 0.00 | 0 |
| | Thermal (Total) | 3617 | 1820.00 | 2158.00 | 49.00 | 2042 |
| | Total Hydro | 62 | 39.00 | 37.00 | 1.03 | 43 |
| | Total Haryana | 3679 | 1859 | 2195 | 50.02 | 2084 |
| Rajasthan | kota TPS | 1240 | 1054.00 | 968.00 | 23.81 | 992 |
| | suratgarh TPS | 1500 | 1165.00 | 1142.00 | 29.51 | 1230 |
| | Chabra TPS | 500 | 225.00 | 220.00 | 5.11 | 213 |
| | Dholpur GPS | 330 | 90.00 | 69.00 | 2.18 | 91 |
| | Ramgarh GPS | 113 | 62.00 | 62.00 | 1.60 | 67 |
| | RAPS A (NPC) | 300 | 179.00 | 177.00 | 4.27 | 178 |
| | Barsingsar (NLC) | 250 | 0.00 | 0.00 | 0.00 | 0 |
| | Giral LTPS (IPP) | 250 | 114.00 | 110.00 | 2.39 | 100 |
| | Rajwst LTPS (IPP) | 135 | 0.00 | 0.00 | 0.00 | 0 |
| | VSLP LTPS (IPP) | 135 | 0.00 | 0.00 | 0.00 | 0 |
| | Thermal (Total) | 4753 | 2889.00 | 2748.00 | 68.87 | 2870 |
| | Total Hydro | 550 | 120.00 | 0.00 | 1.26 | 52 |
| | Wind power | 1294 | 452.00 | 864.00 | 17.27 | 720 |
| | Biomass | 71 | 23.00 | 23.00 | 0.51 | 21 |
| | Renewable/Others (Total) | 1365 | 475 | 887 | 17.78 | 741 |
| | Total Rajasthan | 6668 | 3484 | 3635 | 87.91 | 3663 |
| | UP | Anpara TPS | 1630 | 964 | 879 | 21.80 |
| Obra TPS | | 1442 | 387 | 293 | 8.20 | 342 |
| Paricha TPS | | 640 | 167 | 277 | 6.00 | 250 |
| Panki TPS | | 210 | 90 | 59 | 1.60 | 67 |
| Harduaganj TPS | | 375 | 0 | 0 | 0.00 | 0 |
| Tanda TPS (NTPC) | | 440 | 268 | 270 | 6.37 | 265 |
| Roza TPS (IPP) | | 600 | 284 | 284 | 6.80 | 283 |
| Anpara-C (IPP) | | 600 | 0 | 0 | 6.77 | 282 |
| Thermal (Total) | | 5937 | 1608 | 1508 | 57.54 | 2397 |
| Vishnuparyag HPS (IPP) | | 400 | 436 | 438 | 10.22 | 426 |
| Other Hydro | | 527 | 294 | 0 | 6.78 | 282 |
| Cogeneration | | 951 | 50 | 50 | 1.20 | 50 |
| Total UP | | 7815 | 2388 | 1996 | 75.74 | 2730 |
| Uttarakhand | | Total Hydro | 1303 | 830 | 833 | 19.40 |
| | Total Uttarakhand | 1303 | 830 | 833 | 19.40 | 808 |
| Delhi | Rajghat TPS | 135 | 96 | 97 | 2.24 | 93 |
| | Delhi Gas Turbine | 282 | 156 | 110 | 3.38 | 141 |
| | Pragati Gas Turbine | 330 | 295 | 300 | 7.16 | 298 |
| | Rithala GPS | 108 | 26 | 29 | 0.63 | 26 |
| | Bawana GPS | 440 | 0 | 0 | 0.00 | 0 |
| | Badarpur TPS (NTPC) | 705 | 625 | 670 | 13.82 | 576 |
| | Thermal (Total) | 2000 | 1198 | 1206 | 27.22 | 1134 |
| | Total Delhi | 2000 | 1198 | 1206 | 27.22 | 1134 |
| HP | Baspa HPS (IPP) | 330 | 337 | 184 | 9.28 | 387 |
| | Malana HPS (IPP) | 101 | 50 | 35 | 0.44 | 18 |
| | Other Hydro | 571 | 538 | 463 | 11.09 | 462 |
| | Total HP | 1002 | 925 | 682 | 21 | 867 |
| J & K | Baglihar HPS (IPP) | 450 | 442 | 442 | 10.61 | 442 |
| | Other Hydro | 323 | 114 | 138 | 3.56 | 148 |
| | Gas/Diesel/Others | 183 | 0 | 0 | 0.00 | 0 |
| | Total J & K | 956 | 556 | 580 | 14.17 | 591 |
| Total State Control Area Generation | | 27191 | 14516 | 14455 | 367.71 | 14895 |
| J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)] | | | 1631 | 3613 | 60.64 | 2527 |
| Total Regional Availability(Gross) | | 47816 | 32207 | 30685 | 746.27 | 30669 |

IV. Total Hydro Generation:

| | | | | | |
|-----------------------------|--------------|--------------|-------------|---------------|-------------|
| Regional Entities Hydro | 9983 | 7900 | 4417 | 138.28 | 5762 |
| State Control Area Hydro | 5365 | 3762 | 2995 | 82.51 | 3438 |
| Total Regional Hydro | 15347 | 11662 | 7412 | 220.79 | 9200 |

V(A). Inter Regional Exchange [Import (+ve)/Export (-ve)] [Linkwise]

| Element | Peak(20:00 Hrs) | Off Peak(03:00 Hrs) | Maximum Interchange (MW) | | Energy (MU) | | Net Energy MU |
|----------------------|-----------------|---------------------|--------------------------|--------|--------------|-------------|---------------|
| | MW | MW | Import | Export | Import | Export | |
| Vindhychal B/B | 0 | 0 | 200 | 0 | 0.14 | 0.02 | 0.12 |
| Gwalior-Agra (D/C) | 296 | 1061 | 1063 | 0 | 18.05 | 0.00 | 18.05 |
| Zerda-Kankroli | -93 | 179 | 179 | 175 | 0.53 | 0.00 | 0.53 |
| Zerda-Bhinmal | -33 | 112 | 148 | 149 | 0.14 | 0.00 | 0.14 |
| Malanpur-Auraiya | -98 | 6 | 0 | 136 | 0.00 | 1.10 | -1.10 |
| Badod-Kota/Morak | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Sub Total WR | 72 | 1358 | | | 18.86 | 1.12 | 17.74 |
| Pusauli Bypass | 47 | 136 | 157 | 0 | 2.80 | 0.00 | 2.80 |
| MZP- GKP (D/C) | 758 | 1168 | 1168 | 0 | 22.84 | 0.00 | 22.84 |
| Patna-Balia(D/C) | 299 | 341 | 415 | 0 | 7.32 | 0.00 | 7.32 |
| B'Sharif-Balia (D/C) | 231 | 460 | 460 | 0 | 7.88 | 0.00 | 7.88 |
| Barh - balia(D/C) | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Pusauli-Sahupuri | 101 | 182 | 296 | 0 | 2.73 | 0.00 | 2.73 |
| K'nasa-Sahupuri | 158 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Son Ngr-Rihand | -35 | -32 | 0 | 38 | 0.00 | 0.67 | -0.67 |
| Garhwa-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Sub Total ER | 1559 | 2255 | | | 43.57 | 0.67 | 42.90 |
| Total IR Exch | 1631 | 3613 | | | 62.43 | 1.79 | 60.64 |

V(B). Inter Regional Schedule & Actual Exchanges [Import (+ve)/Export (-ve)] [Corridor wise]

| ISGS/LT Schedule (MU) | | | Bilateral Schedule (MU) | | Power Exchange Shdl (MU) | | Wheeling (MU) | |
|-----------------------|--------|-------|-------------------------|------------|--------------------------|------------|---------------|------------|
| ER | Bhutan | Total | Through ER | Through WR | Through ER | Through WR | Through ER | Through WR |
| 13.24 | 3.63 | 16.87 | -3.10 | 14.67 | -0.03 | -4.05 | 0.00 | 0.00 |

| Total IR Schedule (MU) | | | Total IR Actual (MU) | | | Net IR UI (MU) | | |
|------------------------|------------|-------|----------------------|------------|-------|----------------|------------|-------|
| Through ER | Through WR | Total | Through ER | Through WR | Total | Through ER | Through WR | Total |
| 13.74 | 9.88 | 23.62 | 42.90 | 17.74 | 60.64 | 29.16 | 7.86 | 37.02 |

VI. Frequency Profile

| ----- % of Time Frequency -----> | | | | | | | |
|----------------------------------|-------|--------|--------|-------|-------------|-------------|---------|
| <48.80 | <49.0 | <49.20 | <49.50 | <49.7 | 49.5 - 50.2 | 49.7 - 50.2 | > 50.00 |
| 0.00 | 2.10 | 12.80 | 53.40 | 85.84 | 46.60 | 14.00 | 0.90 |

| <----- Frequency (Hz) -----> | | | | Average Frequency | Frequency Variation Index | Std. Dev. | Frequency in 15 Min Block | |
|------------------------------|-------|---------|-------|-------------------|---------------------------|-----------|---------------------------|----------|
| Maximum | | Minimum | | | | | MAX (Hz) | MIN (Hz) |
| Freq | Time | Freq | Time | Hz | | | | |
| 50.19 | 18.02 | 48.81 | 20.31 | 49.47 | 3.33 | 0.23 | 49.84 | 0.00 |

VII. Voltage profile

| Station | Voltage Level (kV) | Maximum | | Minimum | | Voltage (in % of Time) | | | |
|------------|--------------------|-------------|-------|--------------|-------|------------------------|---------|---------|---------|
| | | Voltage(KV) | Time | Voltage (KV) | Time | <380 kV | <390 kV | >420 kV | >430 kV |
| Rihand | 400 | 425 | 18:02 | 416 | 00:03 | 0.0 | 0.0 | 65.5 | 0.0 |
| Gorakhpur | 400 | 433 | 07:41 | 406 | 02:18 | 0.0 | 0.0 | 62.0 | 1.8 |
| Bareilly | 400 | 425 | 08:00 | 398 | 12:15 | 0.0 | 0.0 | 1.3 | 0.0 |
| Kanpur | 400 | 423 | 09:00 | 402 | 12:15 | 0.0 | 0.0 | 2.6 | 0.0 |
| Dadri | 400 | 416 | 20:42 | 397 | 12:15 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ballabgarh | 400 | 422 | 20:41 | 399 | 12:15 | 0.0 | 0.0 | 1.4 | 0.0 |
| Bawana | 400 | 419 | 06:02 | 398 | 12:16 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bassi | 400 | 429 | 20:39 | 403 | 12:15 | 0.0 | 0.0 | 11.6 | 0.0 |
| Hissar | 400 | 416 | 04:06 | 393 | 12:19 | 0.0 | 0.0 | 0.0 | 0.0 |
| Moga | 400 | 423 | 04:04 | 396 | 12:15 | 0.0 | 0.0 | 2.6 | 0.0 |
| Abdullapur | 400 | 418 | 17:03 | 283 | 19:26 | 0.2 | 0.2 | 0.0 | 0.0 |
| Nalagarh | 400 | 0 | 00:00 | 9999 | 00:00 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kishenpur | 400 | 422 | 04:06 | 400 | 18:57 | 0.0 | 0.0 | 0.5 | 0.0 |
| Wagoora | 400 | 412 | 04:04 | 384 | 18:57 | 0.0 | 8.6 | 0.0 | 0.0 |

VIII. Reservoir Parameters:

| Name of Reservoir | Parameters | | Present Parameters | | Last Year | | Last day | |
|-------------------|------------|----------|--------------------|-------------|-----------|-------------|---------------|--------------|
| | FRL (m) | MDDL (m) | Level (m) | Energy (MU) | Level (m) | Energy (MU) | Inflow (m³/s) | Usage (m³/s) |
| Bhakra | 513.59 | 445.62 | 511.89 | 1635.65 | 512.26 | 1667.20 | 576.53 | 637.13 |
| Pong | 426.72 | 384.05 | 423.52 | 1066.19 | 424.00 | 1114.45 | 198.78 | 333.57 |
| Tehri | 829.79 | 740.04 | 818.79 | 882.36 | NA | NA | 220.12 | 129.00 |
| Koteshwar | 612.50 | 598.50 | 607.90 | 3.54 | NA | NA | 115.00 | 141.00 |
| Chamera-I | 760.00 | 748.75 | 753.62 | NA | 753.26 | NA | 181.11 | 175.83 |
| Rihand | 268.22 | 252.98 | NA | NA | 258.17 | 209.50 | NA | NA |
| RPS | 352.80 | 343.81 | NA | NA | NA | NA | NA | NA |
| Jawahar Sagar | 298.70 | 295.78 | NA | NA | NA | NA | NA | NA |
| RSD | 527.91 | 487.91 | 524.23 | NA | 523.95 | NA | 240.95 | 420.96 |

IX. System Constraints:

X. Grid Disturbance / Any Other Significant Event:

XI. Weather Conditions For 28.09.2011 :

Normal weather

XII. Synchronisation of new generating units :

XIII. Synchronisation of new 400 / 765 KV lines and energising of bus //substation :

XIV. Tripping of lines in pooling stations :

XV. Complete generation loss in a generating station :

Report for : 28.09.2011

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER