

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 08.11.2011
Date of Reporting : 09.11.2011

I. Regional Availability/Demand:

| Evening Peak (19:00 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 |
| 29163 | 1524 | 30687 | 50.09 | 24315 | 980 | 25295 | 49.98 | 653.6 | 42.08 |

* 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 | 45.66 | 1.16 | | 46.82 | 26.06 | 24.56 | -1.50 | 71.39 | 2.29 |
| Haryana | 82.21 | 0.91 | | 83.12 | 23.93 | 26.31 | 2.38 | 109.43 | 1.14 |
| Rajasthan | 89.50 | 4.90 | 1.48 | 95.88 | 45.03 | 53.48 | 8.45 | 149.36 | 11.59 |
| Delhi | 23.73 | | | 23.73 | 41.45 | 32.58 | -8.87 | 56.31 | 0.02 |
| UP | 81.90 | 7.79 | 1.20 | 90.89 | 89.55 | 92.48 | 2.93 | 183.37 | 26.92 |
| Uttarakhand | | 10.39 | | 10.39 | 16.49 | 16.93 | 0.44 | 27.32 | 0.00 |
| HP | | 7.85 | | 7.85 | 15.23 | 13.88 | -1.35 | 21.73 | 0.00 |
| J & K | | 4.83 | 0.00 | 4.83 | 21.26 | 26.42 | 5.16 | 31.25 | 0.00 |
| Chandigarh | | | | 0.00 | 3.56 | 3.44 | -0.13 | 3.44 | 0.12 |
| Total | 323.00 | 37.82 | 2.68 | 363.50 | 282.57 | 290.07 | 7.51 | 653.57 | 42.08 |

* Shortage furnished by the respective constituent.

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

| State | Evening Peak (19:00 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 | 3510 | 150 | -477 | -490 | 2838 | 0 | -281 | -590 | -11.45 |
| Haryana | 4496 | 351 | 346 | -87 | 3002 | 0 | -75 | -104 | -2.49 |
| Rajasthan | 6645 | 57 | 578 | 95 | 6364 | 330 | 621 | 220 | 6.74 |
| Delhi | 3031 | 1 | -319 | -207 | 1535 | 0 | -426 | -445 | -6.84 |
| UP | 7292 | 965 | -640 | 391 | 7605 | 650 | 332 | 391 | 9.39 |
| Uttarakhand | 1438 | 0 | -6 | 316 | 961 | 0 | 29 | 316 | 7.58 |
| HP | 1054 | 0 | -258 | -305 | 685 | 0 | -16 | -47 | -3.53 |
| J&K | 1511 | 0 | 2 | 54 | 1217 | 0 | 194 | 133 | 2.36 |
| Chandigarh | 186 | 0 | -30 | 0 | 108 | 0 | 7 | -30 | -0.24 |
| Total | 29163 | 1524 | -804 | -233 | 24315 | 980 | 385 | -155 | 1.52 |

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

III. Regional Entities :

| Entity | 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 |
|---|-------------------------|----------------------------------|--------------------------|--------------------|------------------------|--------------------|------------------------|--------------------|--------------|
| | | | | | | | | | |
| A. NTPC | Singrauli STPS | 2000 | 1904 | 2050 | 2041 | 39.99 | 1666 | 44.58 | -4.59 |
| | Rihand I STPS | 1000 | 794 | 993 | 810 | 18.99 | 791 | 18.68 | 0.31 |
| | Rihand II STPS | 1000 | 970 | 1036 | 1030 | 23.51 | 980 | 22.85 | 0.66 |
| | Dadri I STPS | 840 | 769 | 816 | 621 | 17.22 | 717 | 17.25 | -0.03 |
| | Dadri II STPS | 980 | 922 | 938 | 778 | 21.07 | 878 | 21.09 | -0.02 |
| | Unchahar I TPS | 440 | 365 | 439 | 382 | 8.83 | 368 | 8.61 | 0.21 |
| | Unchahar II TPS | 440 | 367 | 434 | 380 | 8.77 | 365 | 8.49 | 0.28 |
| | Unchahar III TPS | 210 | 184 | 221 | 190 | 4.48 | 186 | 4.22 | 0.25 |
| | ISTPP (Jhajihar) | 500 | 473 | 382 | 381 | 8.71 | 363 | 8.90 | -0.20 |
| | Dadri GPS | 830 | 613 | 542 | 408 | 12.32 | 513 | 12.38 | -0.06 |
| | Anta GPS | 419 | 284 | 226 | 211 | 5.73 | 239 | 5.50 | 0.23 |
| | Auraiya GPS | 663 | 631 | 471 | 472 | 10.90 | 454 | 10.97 | -0.07 |
| | Sub Total (A) | 9322 | 8276 | 8548 | 7704 | 180.51 | 7521 | 183.54 | -3.03 |
| | B. NPC | NAPS | 440 | 198 | 234 | 236 | 4.87 | 203 | 4.75 |
| RAPS- B | | 440 | 409 | 453 | 456 | 9.83 | 410 | 9.82 | 0.01 |
| RAPS- C | | 440 | 420 | 475 | 475 | 10.13 | 422 | 10.08 | 0.05 |
| Sub Total (B) | | 1320 | 1027 | 1162 | 1167 | 24.83 | 1034 | 24.65 | 0.18 |
| C. NHPC | | Chamera I HPS | 540 | 534 | 540 | 0 | 2.07 | 86 | 1.99 |
| | Chamera II HPS | 300 | 297 | 209 | 0 | 1.93 | 80 | 2.06 | -0.13 |
| | Bairasuil HPS | 180 | 179 | 80 | 0 | 0.71 | 30 | 0.72 | -0.01 |
| | Salal-HPS | 690 | 148 | 228 | 212 | 3.62 | 151 | 3.56 | 0.06 |
| | Tanakpur-HPS | 94 | 55 | 52 | 44 | 1.24 | 52 | 1.26 | -0.02 |
| | Uri-HPS | 480 | 145 | 224 | 119 | 3.71 | 154 | 3.62 | 0.08 |
| | Dhauliganga-HPS | 280 | 277 | 206 | 0 | 1.64 | 68 | 1.82 | -0.18 |
| | Dulhasti-HPS | 390 | 388 | 186 | 0 | 4.57 | 191 | 4.41 | 0.16 |
| | Sewa-II HPS | 120 | 119 | 80 | 0 | 0.48 | 20 | 0.47 | 0.00 |
| | Sub Total (C) | 3074 | 2142 | 1805 | 375 | 19.96 | 832 | 19.91 | 0.05 |
| D.NJPC | Nathpa Jhakri | 1500 | 1600 | 1618 | 164 | 11.77 | 491 | 11.99 | -0.21 |
| | Sub Total (D) | 1500 | 1600 | 1618 | 164 | 11.77 | 491 | 11.99 | -0.21 |
| E. THDC | Tehri HPS | 1000 | 693 | 1019 | 0 | 4.68 | 195 | 4.75 | -0.07 |
| | Koteshwar HPS | 100 | 35 | 87 | 0 | 0.60 | 25 | 0.60 | 0.00 |
| | Sub Total (E) | 1100 | 729 | 1106 | 0 | 5.28 | 220 | 5.35 | -0.07 |
| F. BBMB | Bhakra HPS | 1480 | 585 | 996 | 413 | 14.59 | 608 | 14.03 | 0.56 |
| | Dehar HPS | 990 | 211 | 495 | 155 | 5.37 | 224 | 5.06 | 0.31 |
| | Pong HPS | 396 | 248 | 306 | 186 | 6.14 | 256 | 5.94 | 0.20 |
| | Sub Total (F) | 2866 | 1043 | 1797 | 754 | 26.10 | 1088 | 25.03 | 1.07 |
| G. IPP(s)/JV(s) | ADHPL HPS(IPP) | 192 | 0 | 9 | 0 | 0.51 | 21 | 0.56 | -0.05 |
| | KWHEP HPS(IPP) | 1000 | 0 | 391 | 175 | 6.46 | 269 | 6.46 | 0.00 |
| | Malana Stg-II HPS | 100 | 0 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 |
| | Shree Cement TPS | 150 | 0 | 111 | 103 | 2.54 | 106 | 2.50 | 0.04 |
| | Sub Total (G) | 1442 | 0 | 511 | 278 | 9.51 | 396 | 9.51 | 0.00 |
| H. Total Regional Entities (A-G) | 20625 | 14817 | 16547 | 10442 | 277.96 | 11582 | 279.97 | -2.01 | |

| 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 | 1020.00 | 840.00 | 19.85 | 827 |
| | Guru Nanak Dev TPS(Bhatinda) | 440 | 215.00 | 215.00 | 4.61 | 192 |
| | Guru Hargobind Singh TPS(L.mbt) | 920 | 959.00 | 955.00 | 21.20 | 883 |
| | Thermal (Total) | 2620 | 2194.00 | 2010.00 | 45.66 | 1903 |
| | Total Hydro | 1148 | 312.00 | 257.00 | 1.16 | 48 |
| | Total Punjab | 3768 | 2506 | 2267 | 46.82 | 1951 |
| Haryana | Panipat TPS | 1360 | 1019.00 | 1120.00 | 25.87 | 1078 |
| | DCRTPP (Yamuna nagar) | 600 | 269.00 | 282.00 | 26.07 | 1086 |
| | Faridabad GPS (NTPC) | 432 | 407.00 | 338.00 | 6.70 | 279 |
| | RGTPP (khedar) (IPP) | 1200 | 926.00 | 833.00 | 23.57 | 982 |
| | Magnum Diesel (IPP) | 25 | 0.00 | 0.00 | 0.00 | 0 |
| | Thermal (Total) | 3617 | 2621.00 | 2573.00 | 82.21 | 3425 |
| | Total Hydro | 62 | 39.00 | 41.00 | 0.91 | 38 |
| | Total Haryana | 3679 | 2660 | 2614 | 83.12 | 3463 |
| Rajasthan | kota TPS | 1240 | 1177.00 | 1164.00 | 27.52 | 1147 |
| | suratgarh TPS | 1500 | 1153.00 | 1155.00 | 27.21 | 1134 |
| | Chabra TPS | 500 | 374.00 | 413.00 | 10.09 | 420 |
| | Dholpur GPS | 330 | 280.00 | 288.00 | 6.94 | 289 |
| | Ramgarh GPS | 113 | 65.00 | 65.00 | 1.41 | 59 |
| | RAPS A (NPC) | 300 | 172.00 | 176.00 | 4.34 | 181 |
| | Barsingsar (NLC) | 250 | 93.00 | 90.00 | 2.21 | 92 |
| | Giral LTPS (IPP) | 250 | 103.00 | 77.00 | 1.93 | 81 |
| | Rajwest LTPS (IPP) | 135 | 363.00 | 245.00 | 7.85 | 327 |
| | VSLP LTPS (IPP) | 135 | 0.00 | 0.00 | 0.00 | 0 |
| | Thermal (Total) | 4753 | 3780.00 | 3673.00 | 89.50 | 3729 |
| | Total Hydro | 550 | 264.00 | 139.00 | 4.90 | 204 |
| | Wind power | 1294 | 1.00 | 141.00 | 0.68 | 28 |
| | Biomass | 71 | 33.00 | 33.00 | 0.80 | 33 |
| | Renewable/Others (Total) | 1365 | 34 | 174 | 1.48 | 62 |
| | Total Rajasthan | 6668 | 4078 | 3986 | 95.88 | 3995 |
| | UP | Anpara TPS | 1630 | 953 | 964 | 23.30 |
| Obra TPS | | 1442 | 442 | 448 | 10.70 | 446 |
| Paricha TPS | | 640 | 346 | 358 | 8.30 | 346 |
| Panki TPS | | 210 | 158 | 162 | 3.90 | 163 |
| Harduaganj TPS | | 375 | 25 | 237 | 3.50 | 146 |
| Tanda TPS (NTPC) | | 440 | 396 | 404 | 10.90 | 454 |
| Roza TPS (IPP) | | 600 | 558 | 554 | 13.50 | 563 |
| Anpara-C (IPP) | | 600 | 398 | 261 | 6.10 | 254 |
| Thermal (Total) | | 5937 | 3323 | 3430 | 81.90 | 3412 |
| Vishnuparyag HPS (IPP) | | 400 | 164 | 144 | 3.54 | 147 |
| Other Hydro | | 527 | 137 | 0 | 4.25 | 177 |
| Cogeneration | | 951 | 50 | 50 | 1.20 | 50 |
| Total UP | | 7815 | 3674 | 3624 | 90.89 | 3640 |
| Uttarakhand | | Total Hydro | 1303 | 559 | 332 | 10.39 |
| | Total Uttarakhand | 1303 | 559 | 332 | 10.39 | 433 |
| Delhi | Rajghat TPS | 135 | 105 | 105 | 2.26 | 94 |
| | Delhi Gas Turbine | 282 | 153 | 147 | 3.62 | 151 |
| | Pragati Gas Turbine | 330 | 301 | 311 | 7.37 | 307 |
| | Rithala GPS | 108 | 23 | 29 | 0.60 | 25 |
| | Bawana GPS | 440 | 0 | 0 | 0.18 | 7 |
| | Badarpur TPS (NTPC) | 705 | 445 | 455 | 9.70 | 404 |
| | Thermal (Total) | 2000 | 1027 | 1047 | 23.73 | 989 |
| | Total Delhi | 2000 | 1027 | 1047 | 23.73 | 989 |
| HP | Baspa HPS (IPP) | 330 | 27 | 27 | 1.90 | 79 |
| | Malana HPS (IPP) | 101 | 2 | 0 | 0.39 | 16 |
| | Other Hydro | 571 | 292 | 215 | 5.57 | 232 |
| | Total HP | 1002 | 321 | 242 | 8 | 327 |
| J & K | Baglihar HPS (IPP) | 450 | 293 | 145 | 4.83 | 201 |
| | Other Hydro | 323 | 0 | 0 | 0.00 | 0 |
| | Gas/Diesel/Others | 183 | 0 | 0 | 0.00 | 0 |
| | Total J & K | 956 | 293 | 145 | 4.83 | 201 |
| Total State Control Area Generation | | 27191 | 15118 | 14257 | 363.50 | 14999 |
| J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)] | | | 441 | 891 | 19.19 | 800 |
| Total Regional Availability(Gross) | | 47816 | 32106 | 25590 | 660.65 | 27380 |

IV. Total Hydro Generation:

| | | | | | |
|-----------------------------|--------------|-------------|-------------|---------------|-------------|
| Regional Entities Hydro | 9983 | 6837 | 1571 | 72.63 | 3026 |
| State Control Area Hydro | 5365 | 1925 | 1156 | 34.28 | 1428 |
| Total Regional Hydro | 15347 | 8762 | 2727 | 106.91 | 4455 |

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

| Element | Peak(19:00 Hrs) | Off Peak(03:00 Hrs) | Maximum Interchange (MW) | | Energy (MU) | | Net Energy MU |
|----------------------|-----------------|---------------------|--------------------------|--------|--------------|--------------|---------------|
| | MW | MW | Import | Export | Import | Export | |
| Vindhychal B/B | -100 | 0 | 300 | 100 | 1.80 | 0.56 | 1.24 |
| Gwalior-Agra (D/C) | 128 | -228 | 383 | 378 | 0.00 | 1.00 | -1.00 |
| Zerda-Kankroli | -194 | -232 | 0 | 325 | 0.00 | 5.41 | -5.41 |
| Zerda-Bhinmal | -114 | 149 | 49 | 246 | 0.00 | 3.00 | -3.00 |
| Malanpur-Auraiya | -199 | -237 | 0 | 290 | 0.00 | 5.17 | -5.17 |
| Badod-Kota/Morak | -165 | -222 | 0 | 249 | 0.00 | 4.12 | -4.12 |
| Sub Total WR | -644 | -770 | | | 1.80 | 19.25 | -17.45 |
| Pusauli Bypass | 51 | 210 | 416 | 14 | 5.48 | 0.02 | 5.46 |
| MZP- GKP (D/C) | 512 | 566 | 886 | 0 | 11.41 | 0.00 | 11.41 |
| Patna-Balia(D/C) | 300 | 469 | 528 | 0 | 10.70 | 0.00 | 10.70 |
| B'Sharif-Balia (D/C) | 176 | 371 | 420 | 0 | 7.94 | 0.00 | 7.94 |
| Barh - balia(D/C) | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Pusauli-Sahupuri | 82 | 87 | 126 | 0 | 2.04 | 0.00 | 2.04 |
| K'nasa-Sahupuri | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Son Ngr-Rihand | -36 | -42 | 0 | 45 | 0.00 | 0.90 | -0.90 |
| Garhwa-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Sub Total ER | 1085 | 1661 | | | 37.57 | 0.93 | 36.64 |
| Total IR Exch | 441 | 891 | | | 39.37 | 20.18 | 19.19 |

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 |
| 20.92 | 1.21 | 22.13 | 4.13 | -1.30 | -0.79 | -3.73 | 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 |
| 25.47 | -8.06 | 17.41 | 36.64 | -17.45 | 19.19 | 11.17 | -9.39 | 1.78 |

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 | > 50.2 |
| 0.00 | 0.00 | 0.00 | 4.40 | 22.70 | 95.30 | 87.00 | 11.80 | 0.30 |

| ----- 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 | | | | |
| 50.26 | 8.06 | 49.30 | 6.18 | 49.81 | 0.63 | 0.16 | 50.15 | 49.53 |

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 | 414 | 00:29 | 0 | 09:49 | 59.4 | 59.4 | 0.0 | 0.0 |
| Gorakhpur | 400 | 435 | 20:24 | 410 | 10:01 | 0.0 | 0.0 | 67.5 | 6.4 |
| Bareilly | 400 | 423 | 20:23 | 398 | 12:47 | 0.0 | 0.0 | 3.8 | 0.0 |
| Kanpur | 400 | 420 | 04:01 | 397 | 12:49 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dadri | 400 | 419 | 03:15 | 397 | 12:45 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ballabgarh | 400 | 423 | 04:02 | 397 | 12:49 | 0.0 | 0.0 | 8.5 | 0.0 |
| Bawana | 400 | 423 | 03:15 | 401 | 12:44 | 0.0 | 0.0 | 10.7 | 0.0 |
| Bassi | 400 | 424 | 04:02 | 0 | 10:51 | 30.4 | 30.4 | 5.0 | 0.0 |
| Hissar | 400 | 415 | 03:14 | 395 | 12:13 | 0.0 | 0.0 | 0.0 | 0.0 |
| Moga | 400 | 422 | 03:15 | 401 | 10:06 | 0.0 | 0.0 | 5.6 | 0.0 |
| Abdullapur | 400 | 424 | 03:15 | 401 | 11:15 | 0.0 | 0.0 | 12.4 | 0.0 |
| Nalagarh | 400 | 428 | 22:55 | 407 | 11:33 | 0.0 | 0.0 | 36.1 | 0.0 |
| Kishenpur | 400 | 418 | 03:15 | 394 | 18:38 | 0.0 | 0.0 | 0.0 | 0.0 |
| Wagoora | 400 | 404 | 03:13 | 370 | 18:12 | 17.5 | 73.2 | 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 | 509.44 | 1515.08 | 511.21 | 1605.30 | 242.17 | 363.39 |
| Pong | 426.72 | 384.05 | 419.90 | 889.00 | 422.34 | 1005.78 | 48.20 | 353.76 |
| Tehri | 829.79 | 740.04 | 817.20 | 942.25 | NA | NA | 85.51 | 105.00 |
| Koteshwar | 612.50 | 598.50 | 601.80 | 1.15 | NA | NA | 91.00 | 132.00 |
| Chamera-I | 760.00 | 748.75 | 754.65 | NA | 754.30 | NA | 76.38 | 86.03 |
| Rihand | 268.22 | 252.98 | 264.99 | 613.40 | 257.83 | 193.70 | NA | NA |
| RPS | 352.80 | 343.81 | 350.65 | NA | NA | NA | NA | 122.92 |
| Jawahar Sagar | 298.70 | 295.78 | 297.91 | NA | NA | NA | NA | 235.31 |
| RSD | 527.91 | 487.91 | 520.65 | NA | 520.91 | NA | 65.92 | 123.69 |

IX. System Constraints:

X. Grid Disturbance / Any Other Significant Event:

1.Mock Black start Exercise of chamera-1 was successfully carried out on 08.11.2011.

XI. Weather Conditions For 08.11.2011 :

Normal weather

XII. Synchronisation of new generating units :

XIII. Synchronisation of new 220 / 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 : 08.11.2011

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER