

पाँवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)

उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 10.09.2011
Date of Reporting : 11.09.2011

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 |
| 29655 | 3155 | 32810 | 49.38 | 27939 | 1030 | 28969 | 50.14 | 694.0 | 29.53 |

* 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 | 36.31 | 20.55 | | 56.85 | 87.49 | 75.34 | -12.14 | 132.20 | 1.80 |
| Haryana | 54.04 | 0.82 | | 54.86 | 40.88 | 39.80 | -1.08 | 94.66 | 2.34 |
| Rajasthan | 61.14 | 3.22 | 2.40 | 66.76 | 31.16 | 36.70 | 5.54 | 103.46 | 1.63 |
| Delhi | 22.57 | | | 22.57 | 59.18 | 59.98 | 0.80 | 82.54 | 0.73 |
| UP | 67.89 | 18.39 | 0.60 | 86.88 | 117.94 | 114.95 | -2.99 | 201.83 | 21.46 |
| Uttarakhand | | 23.02 | | 23.02 | 4.46 | 6.41 | 1.95 | 29.43 | 0.37 |
| HP | | 24.01 | | 24.01 | 0.15 | -2.80 | -2.94 | 21.21 | 0.00 |
| J & K | | 13.99 | 0.00 | 13.99 | 14.94 | 9.96 | -4.98 | 23.95 | 1.20 |
| Chandigarh | | | | 0.00 | 5.47 | 4.73 | -0.74 | 4.73 | 0.00 |
| Total | 241.94 | 103.98 | 3.00 | 348.92 | 361.66 | 345.08 | -16.58 | 694.00 | 29.53 |

* 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 | STOA/PX transaction | |
| Punjab | 5895 | 600 | -585 | 1384 | 5022 | 0 | -860 | 1447 | 33.53 | |
| Haryana | 4284 | 633 | -19 | 562 | 3746 | 0 | -192 | 562 | 12.63 | |
| Rajasthan | 3997 | 228 | -25 | -445 | 4409 | 0 | 310 | -508 | -11.81 | |
| Delhi | 3645 | 219 | -63 | 229 | 2851 | 0 | -288 | 229 | 6.25 | |
| UP | 8045 | 1325 | -700 | 1573 | 9138 | 1030 | 685 | 1573 | 37.76 | |
| Uttarakhand | 1289 | 150 | -26 | -150 | 1162 | 0 | 214 | -150 | -3.60 | |
| HP | 932 | 0 | -96 | -1346 | 732 | 0 | -200 | -1411 | -33.03 | |
| J&K | 1334 | 0 | 37 | -375 | 725 | 0 | -404 | -275 | -8.10 | |
| Chandigarh | 234 | 0 | -13 | 30 | 154 | 0 | -39 | 30 | 0.72 | |
| Total | 29655 | 3155 | -1490 | 1463 | 27939 | 1030 | -774 | 1498 | 34.35 | |

* 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 | | UI | |
|----------------------|-------------------------|----------------------------------|--------------------------|--------------------|------------------------|--------------------|------------------------|---------------|--------------|--------|--------|
| | | | | | | | | Net MU | Net MU | Net MU | Net MU |
| A. NTPC | Singrauli STPS | 2000 | 1287 | 1414 | 1255 | 30.30 | 1262 | 29.31 | 0.99 | | |
| | Rihand I STPS | 1000 | 815 | 860 | 892 | 17.83 | 743 | 17.61 | 0.22 | | |
| | Rihand II STPS | 1000 | 480 | 518 | 441 | 10.84 | 452 | 10.52 | 0.32 | | |
| | Dadri I STPS | 840 | 799 | 790 | 629 | 16.74 | 697 | 16.87 | -0.13 | | |
| | Dadri II STPS | 980 | 970 | 486 | 511 | 11.71 | 488 | 12.45 | -0.74 | | |
| | Unchahar I TPS | 440 | 255 | 304 | 316 | 6.17 | 257 | 5.48 | 0.69 | | |
| | Unchahar II TPS | 440 | 206 | 153 | 293 | 4.79 | 199 | 3.88 | 0.91 | | |
| | Unchahar III TPS | 210 | 128 | 157 | 146 | 3.10 | 129 | 2.89 | 0.21 | | |
| | ISTPP (Jhajjar) | 500 | 470 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 | | |
| | Dadri GPS | 830 | 796 | 363 | 377 | 8.48 | 353 | 9.41 | -0.93 | | |
| | Anta GPS | 419 | 389 | 252 | 235 | 5.93 | 247 | 5.54 | 0.39 | | |
| | Auraiva GPS | 663 | 464 | 310 | 294 | 6.94 | 289 | 6.67 | 0.27 | | |
| | Sub Total (A) | 9322 | 7058 | 5607 | 5389 | 122.83 | 5118 | 120.62 | 2.21 | | |
| | B. NPC | NAPS | 440 | 184 | 210 | 224 | 4.28 | 178 | 4.42 | -0.13 | |
| RAPS- B | | 440 | 195 | 216 | 218 | 4.65 | 194 | 4.68 | -0.03 | | |
| RAPS- C | | 440 | 420 | 466 | 475 | 10.12 | 422 | 10.08 | 0.04 | | |
| Sub Total (B) | | 1320 | 799 | 892 | 917 | 19.05 | 794 | 19.18 | -0.12 | | |
| C. NHPC | Chamera I HPS | 540 | 534 | 540 | 540 | 12.90 | 537 | 12.82 | 0.08 | | |
| | Chamera II HPS | 300 | 297 | 302 | 300 | 7.16 | 298 | 7.11 | 0.05 | | |
| | Bairasuil HPS | 180 | 179 | 179 | 30 | 2.63 | 109 | 2.30 | 0.32 | | |
| | Salal-HPS | 690 | 620 | 625 | 622 | 14.58 | 608 | 14.89 | -0.31 | | |
| | Tanakpur-HPS | 94 | 94 | 94 | 94 | 2.26 | 94 | 2.26 | 0.01 | | |
| | Uri-HPS | 480 | 300 | 360 | 276 | 7.59 | 316 | 7.00 | 0.58 | | |
| | Dhauliganga-HPS | 280 | 277 | 284 | 278 | 6.75 | 281 | 6.71 | 0.04 | | |
| | Dulhasti-HPS | 390 | 387 | 408 | 184 | 9.06 | 377 | 8.53 | 0.53 | | |
| | Sewa-II HPS | 120 | 119 | 126 | 84 | 2.83 | 118 | 2.79 | 0.04 | | |
| | Sub Total (C) | 3074 | 2806 | 2918 | 2408 | 65.75 | 2739 | 64.41 | 1.34 | | |
| D. NJPC | Nathpa Jhakri | 1500 | 1600 | 1611 | 1602 | 38.37 | 1599 | 38.40 | -0.04 | | |
| | Sub Total (D) | 1500 | 1600 | 1611 | 1602 | 38.37 | 1599 | 38.40 | -0.04 | | |
| E. THDC | Tehri HPS | 1000 | 640 | 1055 | 0 | 14.90 | 621 | 14.00 | 0.90 | | |
| | Koteshwar HPS | 100 | 87 | 97 | 90 | 2.12 | 88 | 2.05 | 0.07 | | |
| | Sub Total (E) | 1100 | 727 | 1152 | 90 | 17.02 | 709 | 16.05 | 0.97 | | |
| F. BBMB | Bhakra HPS | 1480 | 1210 | 1255 | 1233 | 29.93 | 1247 | 29.05 | 0.88 | | |
| | Dehar HPS | 990 | 600 | 825 | 600 | 14.73 | 614 | 14.40 | 0.34 | | |
| | Pong HPS | 396 | 239 | 306 | 180 | 5.98 | 249 | 5.74 | 0.24 | | |
| | Sub Total (F) | 2866 | 2049 | 2386 | 2013 | 50.64 | 2110 | 49.18 | 1.46 | | |
| G. IPP(s)/JV(s) | ADHPL HPS(IPP) | 192 | 0 | 100 | 83 | 2.03 | 84 | 1.91 | 0.12 | | |
| | KWHEP HPS(IPP) | 1000 | 0 | 700 | 700 | 13.58 | 566 | 16.80 | -3.22 | | |
| | Malana Stg-II HPS | 100 | 0 | 54 | 0 | 1.31 | 55 | 0.00 | 1.31 | | |
| | Shree Cement TPS | 150 | 0 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 | | |
| | Sub Total (G) | 1442 | 0 | 854 | 783 | 16.92 | 705 | 18.71 | -1.78 | | |

| | | | | | | | | |
|----------------------------------|-------|-------|-------|-------|--------|-------|--------|------|
| H. Total Regional Entities (A-G) | 20625 | 15039 | 15420 | 13202 | 330.57 | 13774 | 326.54 | 4.03 |
|----------------------------------|-------|-------|-------|-------|--------|-------|--------|------|

| 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 | 835.00 | 930.00 | 19.62 | 818 |
| | Guru Nanak Dev TPS(Bhatinda) | 440 | 108.00 | 105.00 | 2.24 | 94 |
| | Guru Hargobind Singh TPS(L.mbt) | 920 | 681.00 | 570.00 | 14.44 | 602 |
| | Thermal (Total) | 2620 | 1624.00 | 1605.00 | 36.31 | 1513 |
| | Total Hydro | 1148 | 999.00 | 782.00 | 20.55 | 856 |
| | Total Punjab | 3768 | 2623 | 2387 | 56.85 | 2369 |
| Haryana | Panipat TPS | 1360 | 751.00 | 758.00 | 17.66 | 736 |
| | DCRTPP (Yamuna nagar) | 600 | 521.00 | 552.00 | 12.13 | 505 |
| | Faridabad GPS (NTPC) | 432 | 188.00 | 183.00 | 4.60 | 192 |
| | RGTPP (khedar) (IPP) | 1200 | 649.00 | 832.00 | 19.65 | 819 |
| | Magnum Diesel (IPP) | 25 | 0.00 | 0.00 | 0.00 | 0 |
| | Thermal (Total) | 3617 | 2109.00 | 2325.00 | 54.04 | 2252 |
| | Total Hydro | 62 | 32.00 | 30.00 | 0.82 | 34 |
| | | Total Haryana | 3679 | 2141 | 2355 | 54.86 |
| Rajasthan | kota TPS | 1240 | 789.00 | 666.00 | 16.64 | 693 |
| | suratgarh TPS | 1500 | 1122.00 | 1093.00 | 25.47 | 1061 |
| | Chabra TPS | 500 | 225.00 | 225.00 | 5.36 | 223 |
| | Dholpur GPS | 330 | 258.00 | 251.00 | 6.16 | 257 |
| | Ramgarh GPS | 113 | 62.00 | 62.00 | 1.25 | 52 |
| | RAPS A (NPC) | 300 | 186.00 | 179.00 | 4.31 | 180 |
| | Barsingar (NLC) | 250 | 79.00 | 78.00 | 1.95 | 81 |
| | Giral LTPS (IPP) | 250 | 0.00 | 0.00 | 0.00 | 0 |
| | Rajwest LTPS (IPP) | 135 | 0.00 | 0.00 | 0.00 | 0 |
| | VSLP LTPS (IPP) | 135 | 0.00 | 0.00 | 0.00 | 0 |
| | Thermal (Total) | 4753 | 2721.00 | 2554.00 | 61.14 | 2547 |
| | Total Hydro | 550 | 121.00 | 116.00 | 3.22 | 134 |
| | Wind power | 1294 | 27.00 | 109.00 | 1.94 | 81 |
| | Biomass | 71 | 19.00 | 19.00 | 0.46 | 19 |
| | Renewable/Others (Total) | 1365 | 46 | 128 | 2.40 | 100 |
| | | Total Rajasthan | 6668 | 2888 | 2798 | 66.76 |
| UP | Anpara TPS | 1630 | 1220 | 1120 | 27.80 | 1158 |
| | Obra TPS | 1442 | 460 | 384 | 9.40 | 392 |
| | Paricha TPS | 640 | 358 | 356 | 8.50 | 354 |
| | Panki TPS | 210 | 59 | 50 | 1.20 | 50 |
| | Harduaganj TPS | 375 | 38 | 36 | 0.70 | 29 |
| | Tanda TPS (NTPC) | 440 | 294 | 293 | 7.13 | 297 |
| | Roza TPS (IPP) | 600 | 567 | 558 | 13.16 | 548 |
| | Anpara-C (IPP) | 600 | 0 | 0 | 0.00 | 0 |
| | Thermal (Total) | 5937 | 2996 | 2797 | 67.89 | 2829 |
| | Vishnuparyag HPS (IPP) | 400 | 436 | 436 | 10.45 | 435 |
| | Other Hydro | 527 | 345 | 0 | 7.94 | 331 |
| | Cogeneration | 951 | 25 | 25 | 0.60 | 25 |
| | | Total UP | 7815 | 3802 | 3258 | 86.88 |
| Uttarakhand | Total Hydro | 1303 | 983 | 955 | 23.02 | 959 |
| | Total Uttarakhand | 1303 | 983 | 955 | 23.02 | 959 |
| Delhi | Rajghat TPS | 135 | 0 | 0 | 0.00 | 0 |
| | Delhi Gas Turbine | 282 | 141 | 149 | 3.50 | 146 |
| | Pragati Gas Turbine | 330 | 290 | 299 | 7.15 | 298 |
| | Rithala GPS | 108 | 0 | 29 | 0.63 | 26 |
| | Bawana GPS | 440 | 0 | 0 | 0.00 | 0 |
| | Badarpur TPS (NTPC) | 705 | 530 | 485 | 11.29 | 471 |
| | Thermal (Total) | 2000 | 961 | 962 | 22.57 | 940 |
| | | Total Delhi | 2000 | 961 | 962 | 22.57 |
| HP | Baspa HPS (IPP) | 330 | 330 | 330 | 7.92 | 330 |
| | Malana HPS (IPP) | 101 | 91 | 91 | 2.05 | 86 |
| | Other Hydro | 571 | 575 | 582 | 14.03 | 585 |
| | | Total HP | 1002 | 996 | 1003 | 24 |
| J & K | Baqilhar HPS (IPP) | 450 | 440 | 438 | 10.60 | 442 |
| | Other Hydro | 323 | 119 | 166 | 3.38 | 141 |
| | Gas/Diesel/Others | 183 | 0 | 0 | 0.00 | 0 |
| | | Total J & K | 956 | 559 | 604 | 13.99 |
| Total State Control Area Generation | | 27191 | 14953 | 14322 | 348.92 | 14103 |
| J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)] | | | 1114 | 1255 | 29.70 | 1238 |
| Total Regional Availability(Gross) | | 47816 | 31487 | 28779 | 709.20 | 29114 |

IV. Total Hydro Generation:

| | | | | | |
|-----------------------------|--------------|--------------|--------------|---------------|--------------|
| Regional Entities Hydro | 9983 | 8921 | 6896 | 188.69 | 7862 |
| State Control Area Hydro | 5365 | 4035 | 3490 | 93.53 | 3897 |
| Total Regional Hydro | 15347 | 12956 | 10386 | 282.22 | 11759 |

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 | -50 | 0 | 0 | 50 | 0.00 | 0.47 | -0.47 |
| Gwalior-Agra (D/C) | 114 | 231 | 372 | 0 | 5.18 | 0.00 | 5.18 |
| Zerda-Kankroli | -154 | -115 | 34 | 273 | 0.00 | 2.69 | -2.69 |
| Zerda-Bhinmal | -67 | -36 | 117 | 186 | 0.00 | 0.93 | -0.93 |
| Malanpur-Auraiya | -93 | -32 | 0 | 152 | 0.00 | 1.78 | -1.78 |
| Badod-Kota/Morak | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Sub Total WR | -250 | 48 | | | 5.18 | 5.86 | -0.68 |
| Pusaali Bypass | 7 | -22 | 235 | 177 | 0.60 | 1.48 | -0.88 |
| MZP- GKP (D/C) | 675 | 802 | 1012 | 0 | 18.18 | 0.00 | 18.18 |
| Patna-Balia(D/C) | 259 | 184 | 286 | 0 | 4.63 | 0.00 | 4.63 |
| B'Sharif-Balia (D/C) | 332 | 245 | 417 | 0 | 5.92 | 0.00 | 5.92 |
| Barh - balia(D/C) | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Pusaali-Sahupuri | 127 | 30 | 155 | 0 | 3.10 | 0.00 | 3.10 |
| K'nasa-Sahupuri | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Son Ngr-Rihand | -36 | -32 | 0 | 38 | 0.00 | 0.57 | -0.57 |
| Garhwa-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Sub Total ER | 1364 | 1207 | | | 32.43 | 2.05 | 30.38 |
| Total IR Exch | 1114 | 1255 | | | 37.61 | 7.91 | 29.70 |

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 |
| 20.36 | 3.56 | 23.92 | 5.13 | 30.05 | -3.29 | -8.09 | 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 |
| 25.76 | 21.48 | 47.23 | 30.38 | -0.68 | 29.70 | 4.63 | -22.16 | -17.53 |

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 | 1.29 | 3.65 | 8.33 | 18.09 | 88.26 | 70.18 | 33.59 | 3.41 |

| <----- 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 | | | | |
| 50.48 | 15.07 | 48.89 | 18.56 | 49.88 | 0.80 | 0.26 | 50.18 | 49.07 |

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 | 424 | 07:02 | 412 | 23:29 | 0.0 | 0.0 | 32.0 | 0.0 |
| Gorakhpur | 400 | 436 | 15:08 | 407 | 21:12 | 0.0 | 0.0 | 66.2 | 13.3 |
| Bareilly | 400 | 423 | 08:00 | 399 | 22:20 | 0.0 | 0.0 | 4.5 | 0.0 |
| Kanpur | 400 | 424 | 09:00 | 405 | 22:18 | 0.0 | 0.0 | 7.8 | 0.0 |
| Dadri | 400 | 418 | 03:59 | 401 | 14:18 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ballabgarh | 400 | 424 | 03:57 | 405 | 13:54 | 0.0 | 0.0 | 15.4 | 0.0 |
| Bawana | 400 | 419 | 03:54 | 401 | 14:18 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bassi | 400 | 428 | 03:56 | 409 | 12:40 | 0.0 | 0.0 | 31.0 | 0.0 |
| Hissar | 400 | 416 | 03:10 | 402 | 14:19 | 0.0 | 0.0 | 0.0 | 0.0 |
| Moga | 400 | 423 | 03:11 | 409 | 18:41 | 0.0 | 0.0 | 5.4 | 0.0 |
| Abdullapur | 400 | 411 | 03:56 | 406 | 12:54 | 0.4 | 0.4 | 0.0 | 0.0 |
| Nalagarh | 400 | 0 | 03:52 | 407 | 00:00 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kishenpur | 400 | 418 | 03:58 | 401 | 19:49 | 0.0 | 0.0 | 0.0 | 0.0 |
| Wagoora | 400 | 409 | 03:09 | 382 | 19:44 | 0.0 | 17.9 | 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 (m ³ /s) | Usage (m ³ /s) |
| Bhakra | 513.59 | 445.62 | 511.80 | 1635.65 | 512.23 | 1667.20 | 1535.31 | 921.29 |
| Pong | 426.72 | 384.05 | 422.79 | 1020.81 | 423.69 | 1066.19 | 1069.41 | 356.31 |
| Tehri | 829.79 | 740.04 | 817.50 | 952.25 | NA | NA | 544.44 | 553.00 |
| Koteshwar | 612.50 | 598.50 | 606.90 | 3.10 | NA | NA | 526.00 | 132.00 |
| Chamera-I | 760.00 | 748.75 | 751.90 | 12.30 | 752.00 | NA | 265.13 | 297.67 |
| Rihand | 268.22 | 252.98 | 259.08 | 255.50 | 256.28 | 127.50 | NA | NA |
| RPS | 352.80 | 343.81 | 349.18 | NA | NA | NA | 246.70 | 0.00 |
| Jawahar Sagar | 298.70 | 295.78 | 296.20 | NA | NA | NA | 88.80 | 230.56 |
| RSD | 527.91 | 487.91 | 524.45 | NA | 523.61 | NA | 463.86 | 394.40 |

IX. System Constraints:

X. Grid Disturbance / Any Other Significant Event:

XI. Weather Conditions For 10.09.2011 :

Normal weather in Northern Region.

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 :

1: Tehri Hydro generation (1060 MW) loss due to tripping of all four units at 23.55 hrs of 09.09.2011 due to shaft seal water discharge problem.

Report for : 10.09.2011

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER