

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 13.12.2012
Date of Reporting : 14.12.2012

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 |
| 31159 | 3385 | 34544 | 50.16 | 26232 | 600 | 26832 | 50.24 | 695.0 | 54.72 |

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

II. A. State's Load 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) | UI [OD:(+ve), UD: (-ve)] | |
|--------------|--|--------------|---------------------|---------------|-----------------------------|---------------------------|----------------|--------------------------|---------------------|
| | Thermal | Hydro | Renewable/others \$ | Total | | | | Consumption (Net MU) | Shortages * (MU) |
| Punjab | 52.08 | 10.47 | | 62.55 | 30.39 | 28.95 | -1.44 | 91.49 | 4.63 |
| Haryana | 60.69 | 0.62 | | 61.32 | 34.03 | 35.21 | 1.18 | 96.53 | 4.00 |
| Rajasthan | 83.42 | 4.93 | 12.46 | 100.81 | 64.35 | 58.82 | -5.52 | 159.63 | 0.00 |
| Delhi | 25.93 | | | 25.93 | 35.14 | 31.21 | -3.92 | 57.14 | 0.08 |
| UP | 102.79 | 4.06 | 14.40 | 121.25 | 75.10 | 73.87 | -1.23 | 195.12 | 43.65 |
| Uttarakhand | | 9.40 | | 9.40 | 20.43 | 21.35 | 0.92 | 30.75 | 0.00 |
| HP | | 4.95 | | 4.95 | 18.57 | 18.75 | 0.18 | 23.69 | 0.65 |
| J & K | | 7.37 | 0.00 | 7.37 | 29.36 | 29.73 | 0.38 | 37.11 | 1.70 |
| Chandigarh | | | | 0.00 | 0.08 | 3.59 | 3.51 | 3.59 | 0.00 |
| Total | 324.91 | 41.80 | 26.86 | 393.57 | 307.42 | 301.47 | -5.95 | 695.04 | 54.72 |

* Shortage furnished by the respective constituent.\$ Others include UP Co-generation and JK Diesel

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 | STOA/PX transaction | |
| Punjab | 3912 | 800 | -357 | -220 | 3473 | 0 | -48 | -31 | -6.98 | |
| Haryana | 4881 | 167 | 43 | 123 | 3444 | 0 | 5 | -171 | -3.79 | |
| Rajasthan | 6667 | 0 | 145 | 379 | 6800 | 0 | -247 | 763 | 25.24 | |
| Delhi | 3047 | 0 | -85 | -1094 | 1295 | 0 | -166 | -2106 | -34.21 | |
| UP | 8271 | 2276 | -529 | -122 | 7845 | 600 | -201 | -106 | -6.82 | |
| Uttarakhand | 1522 | 0 | 14 | 436 | 1040 | 0 | -3 | 417 | 10.10 | |
| HP | 1142 | 42 | -48 | 249 | 707 | 0 | -43 | 335 | 6.24 | |
| J&K | 1523 | 100 | -429 | 376 | 1537 | 0 | 32 | 496 | 10.06 | |
| Chandigarh | 194 | 0 | 194 | -10 | 91 | 0 | 91 | -31 | -0.34 | |
| Total | 31159 | 3385 | -1052 | 116 | 26232 | 600 | -580 | -433 | -0.50 | |

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

III. Regional Entities :

| Station/ Constituent | Inst. Capacity (Effective) MW | Declared Capacity(MW) | Peak MW (Gross) | Off Peak MW (Gross) | Energy (Net MU) | Average Sentout(MW) | UI [OG:(+ve), UG: (-ve)] | |
|---|----------------------------------|--------------------------|--------------------|------------------------|--------------------|------------------------|--------------------------|--------------|
| | | | | | | | Schedule Net MU | UI Net MU |
| A. NTPC | | | | | | | | |
| Singrauli STPS | 2000 | 1947 | 2078 | 1904 | 46.01 | 1917 | 46.23 | -0.22 |
| Rihand I STPS | 1000 | 940 | 1017 | 1005 | 22.22 | 926 | 22.18 | 0.05 |
| Rihand II STPS | 1000 | 975 | 1034 | 979 | 22.86 | 952 | 23.01 | -0.16 |
| Rihand III STPS | 500 | 312 | 336 | 349 | 7.34 | 306 | 7.40 | -0.06 |
| Dadri I STPS | 840 | 810 | 852 | 648 | 17.52 | 730 | 17.86 | -0.34 |
| Dadri II STPS | 980 | 975 | 974 | 719 | 20.94 | 873 | 21.94 | -1.00 |
| Unchahar I TPS | 420 | 407 | 389 | 339 | 8.89 | 371 | 8.96 | -0.07 |
| Unchahar II TPS | 420 | 405 | 388 | 310 | 8.67 | 361 | 8.61 | 0.06 |
| Unchahar III TPS | 210 | 202 | 188 | 157 | 4.31 | 180 | 4.39 | -0.08 |
| ISTPP (Jhajhar) | 1500 | 940 | 613 | 624 | 15.91 | 663 | 15.69 | 0.22 |
| Dadri GPS | 830 | 844 | 365 | 424 | 8.94 | 373 | 9.15 | -0.20 |
| Anta GPS | 419 | 359 | 181 | 200 | 4.94 | 206 | 4.89 | 0.04 |
| Auraiya GPS | 663 | 663 | 255 | 312 | 6.93 | 289 | 7.04 | -0.11 |
| Sub Total (A) | 10782 | 9779 | 8670 | 7970 | 195.49 | 8146 | 197.35 | -1.86 |
| B. NPC | | | | | | | | |
| NAPS | 440 | 284 | 318 | 328 | 6.83 | 285 | 6.82 | 0.02 |
| RAPS- B | 440 | 208 | 230 | 234 | 5.57 | 232 | 4.99 | 0.58 |
| RAPS- C | 440 | 435 | 474 | 475 | 10.18 | 424 | 10.44 | -0.26 |
| Sub Total (B) | 1320 | 927 | 1027 | 1037 | 22.58 | 941 | 22.25 | 0.34 |
| C. NHPC | | | | | | | | |
| Chamera I HPS | 540 | 550 | 360 | 0 | 1.81 | 75 | 1.75 | 0.06 |
| Chamera II HPS | 300 | 303 | 159 | 0 | 1.54 | 64 | 1.51 | 0.03 |
| Chamera III HPS | 231 | 231 | 53 | 0 | 0.83 | 34 | 0.80 | 0.03 |
| Bairasuil HPS | 180 | 182 | 50 | 0 | 0.52 | 22 | 0.41 | 0.12 |
| Salai-HPS | 690 | 134 | 223 | 32 | 3.08 | 128 | 2.89 | 0.19 |
| Tanakpur-HPS | 94 | 32 | 43 | 24 | 0.76 | 32 | 0.77 | -0.01 |
| Uri-HPS | 480 | 100 | 211 | 37 | 2.48 | 103 | 2.35 | 0.13 |
| Dhauliganga-HPS | 280 | 144 | 140 | 0 | 1.18 | 49 | 1.18 | 0.00 |
| Dulhasti-HPS | 390 | 388 | 257 | 0 | 2.70 | 113 | 2.80 | -0.10 |
| Sewa-II HPS | 120 | 119 | 98 | 0 | 0.20 | 8 | 0.20 | -0.01 |
| Sub Total (C) | 3305 | 2183 | 1594 | 93 | 15.09 | 629 | 14.66 | 0.43 |
| D.NJPC | | | | | | | | |
| Nathpa Jhakri | 1500 | 1605 | 1256 | 0 | 7.30 | 304 | 7.20 | 0.10 |
| Sub Total (D) | 1500 | 1605 | 1256 | 0 | 7.30 | 304 | 7.20 | 0.10 |
| E. THDC | | | | | | | | |
| Tehri HPS | 1000 | 1050 | 716 | 0 | 8.11 | 338 | 8.00 | 0.11 |
| Koteshwar HPS | 400 | 100 | 100 | 100 | 2.44 | 102 | 2.40 | 0.04 |
| Sub Total (E) | 1400 | 1150 | 816 | 100 | 10.55 | 440 | 10.40 | 0.15 |
| F. BBMB | | | | | | | | |
| Bhakra HPS | 1480 | 648 | 1148 | 417 | 15.76 | 657 | 15.55 | 0.21 |
| Dehar HPS | 990 | 130 | 485 | 0 | 3.24 | 135 | 3.12 | 0.13 |
| Pong HPS | 396 | 323 | 366 | 246 | 7.93 | 330 | 5.01 | 2.92 |
| Sub Total (F) | 2866 | 1101 | 1999 | 663 | 26.93 | 1122 | 23.67 | 3.26 |
| G. IPP(s)/JV(s) | | | | | | | | |
| ADHPL HPS(IPP) | 192 | 0 | 50 | 0 | 0.50 | 21 | 0.52 | -0.02 |
| KWHEP HPS(IPP) | 1000 | 0 | 140 | 0 | 3.96 | 165 | 3.97 | -0.01 |
| Malana Stg-II HPS | 100 | 0 | 23 | 0 | 0.17 | 7 | 0.14 | 0.03 |
| Shree Cement TPS | 300 | 0 | 267 | 200 | 5.76 | 240 | 6.29 | -0.53 |
| Budhil HPS(IPP) | 70 | 0 | 0 | 0 | 0.00 | 0 | 0.15 | -0.15 |
| Sub Total (G) | 1662 | 0 | 480 | 200 | 10.39 | 433 | 11.07 | -0.68 |
| H. Total Regional Entities (A-G) | 22836 | 16745 | 15837 | 10063 | 288.34 | 12014 | 286.61 | 1.73 |

| 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 | 1100 | 1020 | 25.97 | 1082 |
| | Guru Nanak Dev TPS(Bhatinda) | 440 | 300 | 295 | 6.75 | 281 |
| | Guru Hargobind Singh TPS(L.mbt) | 920 | 776 | 757 | 19.36 | 807 |
| | Thermal (Total) | 2620 | 2176 | 2072 | 52.08 | 2170 |
| | Total Hydro | 1148 | 318 | 443 | 10.47 | 436 |
| | Total Punjab | 3768 | 2494 | 2515 | 62.55 | 2606 |
| Haryana | Panipat TPS | 1367 | 939 | 872 | 22.20 | 925 |
| | DCRTPP (Yamuna nagar) | 600 | 281 | 256 | 6.43 | 268 |
| | Faridabad GPS (NTPC) | 432 | 163 | 148 | 4.08 | 170 |
| | RGTPP (kheldar) (IPP) | 1200 | 549 | 478 | 13.09 | 545 |
| | Magnum Diesel (IPP) | 25 | 0 | 0 | 0.00 | 0 |
| | Jhajjar(CLP) | 1320 | 617 | 620 | 14.91 | 621 |
| | Thermal (Total) | 4944 | 2549 | 2374 | 60.69 | 2529 |
| | Total Hydro | 62 | 25 | 20 | 0.62 | 26 |
| | Total Haryana | 5006 | 2574 | 2394 | 61.32 | 2555 |
| Rajasthan | kota TPS | 1240 | 935 | 1114 | 24.11 | 1005 |
| | suratgarh TPS | 1500 | 1128 | 1131 | 27.55 | 1148 |
| | Chabra TPS | 500 | 386 | 378 | 9.09 | 379 |
| | Dholpur GPS | 330 | 143 | 152 | 3.43 | 143 |
| | Ramgarh GPS | 111 | 39 | 39 | 1.07 | 45 |
| | RAPS A (NPC) | 300 | 179 | 179 | 4.34 | 181 |
| | Barsingar (NLC) | 250 | 174 | 212 | 4.55 | 190 |
| | Giral LTPS | 250 | 40 | 48 | 0.55 | 23 |
| | Rajwest LTPS (IPP) | 540 | 431 | 365 | 8.73 | 364 |
| | VSLP LTPS (IPP) | 135 | 0 | 0 | 0.00 | 0 |
| | Thermal (Total) | 5156 | 3455 | 3618 | 83.42 | 3476 |
| | Total Hydro | 550 | 185 | 163 | 4.93 | 206 |
| | Wind power | 2191 | 224 | 221 | 11.70 | 487 |
| | Biomass | 91 | 26 | 26 | 0.63 | 26 |
| | Solar | 201 | 0 | 0 | 0.13 | 6 |
| | Renewable/Others (Total) | 2483 | 250 | 247 | 12.46 | 519 |
| | Total Rajasthan | 8189 | 3890 | 4028 | 100.81 | 4200 |
| | UP | Anpara TPS | 1630 | 1334 | 1194 | 29.80 |
| Obra TPS | | 1382 | 336 | 319 | 7.70 | 321 |
| Paricha TPS | | 890 | 606 | 443 | 12.30 | 513 |
| Panki TPS | | 210 | 50 | 63 | 1.20 | 50 |
| Harduaganj TPS | | 665 | 210 | 238 | 3.50 | 146 |
| Tanda TPS (NTPC) | | 440 | 393 | 293 | 8.33 | 347 |
| Roza TPS (IPP) | | 1200 | 999 | 927 | 23.93 | 997 |
| Anpara-C (IPP) | | 1200 | 305 | 354 | 7.57 | 315 |
| Bajaj Energy Pvt.Ltd(IPP) TPS | | 450 | 364 | 363 | 8.47 | 353 |
| Thermal (Total) | | 8067 | 4597 | 4194 | 102.79 | 4283 |
| Vishnuparyag HPS (IPP) | | 400 | 0 | 0 | 0.00 | 0 |
| Other Hydro | | 527 | 141 | 203 | 4.06 | 169 |
| Cogeneration | | 981 | 600 | 600 | 14.40 | 600 |
| Total UP | | 9975 | 5338 | 4997 | 121.25 | 5052 |
| Uttarakhand | | Total Hydro | 1303 | 496 | 320 | 9.40 |
| | Total Uttarakhand | 1303 | 496 | 320 | 9.40 | 392 |
| Delhi | Raighat TPS | 135 | 109 | 108 | 2.60 | 108 |
| | Delhi Gas Turbine | 282 | 79 | 79 | 1.83 | 76 |
| | Pragati Gas Turbine | 330 | 313 | 320 | 7.52 | 313 |
| | Rithala GPS | 108 | 0 | 0 | 0.00 | 0 |
| | Bawana GPS | 677 | 135 | 200 | 4.63 | 193 |
| | Badarpur TPS (NTPC) | 705 | 440 | 370 | 9.35 | 389 |
| | Thermal (Total) | 2237 | 1076 | 1077 | 25.93 | 1080 |
| | Total Delhi | 2237 | 1076 | 1077 | 25.93 | 1080 |
| HP | Baspa HPS (IPP) | 330 | 0 | 0 | 1.21 | 51 |
| | Malana HPS (IPP) | 86 | 38 | 0 | 0.19 | 8 |
| | Other Hydro | 589 | 160 | 102 | 3.54 | 148 |
| | Total HP | 1005 | 198 | 102 | 5 | 206 |
| J & K | Baglihar HPS (IPP) | 450 | 290 | 146 | 4.19 | 175 |
| | Other Hydro | 323 | 120 | 175 | 3.18 | 133 |
| | Gas/Diesel/Others | 183 | 0 | 0 | 0.00 | 0 |
| | Total J & K | 956 | 410 | 321 | 7.37 | 307 |
| Total State Control Area Generation | | 32439 | 16476 | 15754 | 393.57 | 16399 |
| J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)] | | | 755 | 1229 | 33.88 | 1412 |
| Total Regional Availability(Gross) | | 55275 | 33068 | 27046 | 715.79 | 29825 |

IV. Total Hydro Generation:

| | | | | | |
|-----------------------------|--------------|-------------|-------------|---------------|-------------|
| Regional Entities Hydro | 10364 | 5878 | 856 | 64.50 | 2688 |
| State Control Area Hydro | 5368 | 1773 | 1572 | 41.80 | 1742 |
| Total Regional Hydro | 15731 | 7651 | 2428 | 106.30 | 4429 |

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 | -200 | -450 | 0 | 450 | 0.00 | 7.63 | -7.63 |
| Gwalior-Agra (D/C) | -113 | 0 | 280 | 168 | 1.38 | 0.00 | 1.38 |
| Zerda-Kankroli | -95 | -65 | 0 | 217 | 0.00 | 2.39 | -2.39 |
| Zerda-Bhinmal | 2 | 44 | 102 | 163 | 0.00 | 0.57 | -0.57 |
| Malanpur-Auraiya | -212 | -162 | 0 | 212 | 0.00 | 3.92 | -3.92 |
| Badod-Kota/Morak | -148 | -124 | 0 | 209 | 0.00 | 3.23 | -3.23 |
| Mundra-Mohindergarh(HVDC) | 482 | 478 | 482 | 0 | 11.66 | 0.00 | 11.66 |
| Sub Total WR | -284 | -279 | | | 13.04 | 17.74 | -4.70 |
| Pusauli Bypass | 50 | 100 | 100 | 150 | 1.00 | 0.15 | 0.86 |
| MZP- GKP (D/C) | 260 | 388 | 628 | 0 | 10.27 | 0.00 | 10.27 |
| Patna-Balia(D/C) | 521 | 497 | 718 | 0 | 15.30 | 0.00 | 15.30 |
| B'Sharif-Balia (D/C) | 95 | 306 | 341 | 0 | 6.22 | 0.00 | 6.22 |
| Barh - Balia(D/C) | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Pusauli-Balia | -104 | -7 | 0 | 120 | 0.00 | 0.30 | -0.30 |
| Gaya-Fatehpur (765 Kv) | 89 | 153 | 219 | 0 | 3.25 | 0.00 | 3.25 |
| Pusauli-Sahupuri | 165 | 103 | 198 | 0 | 3.84 | 0.00 | 3.84 |
| K'nasa-Sahupuri | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Son Ngr-Rihand | -37 | -32 | 0 | 48 | 0.00 | 0.85 | -0.85 |
| Garhwa-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Sub Total ER | 1039 | 1508 | | | 39.88 | 1.30 | 38.58 |
| Total IR Exch | 755 | 1229 | | | 52.92 | 19.04 | 33.88 |

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 |
| 40.71 | 0.41 | 41.11 | 9.48 | -24.82 | -0.06 | 6.30 | -3.60 | 3.75 |
| Total IR Schedule (MU) | | | Total IR Actual (MU) | | | Net IR UI (MU) | | |
| Through ER | Through WR Inclds Mndra | Total | Through ER | Through WR | Total | Through ER | Through WR | Total |
| 46.93 | -6.07 | 40.86 | 38.58 | -4.70 | 33.88 | -8.35 | 1.37 | -6.98 |

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 | 0.20 | 1.40 | 82.90 | 81.70 | 54.60 | 16.90 |
| Frequency (Hz) | | | | Average Frequency | Frequency Variation Index | Std. Dev. | Frequency in 15 Min Block | |
| Maximum | | Minimum | | Hz | | | MAX (Hz) | MIN (Hz) |
| 50.50 | 21.57 | 49.38 | 10.10 | 50.03 | 0.31 | 0.17 | 50.50 | 49.77 |

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 | 406 | 2:02 | 0 | 20:26 | 0.4 | 0.4 | 0.0 | 0.0 |
| Gorakhpur | 400 | 432 | 4:34 | 414 | 9:25 | 0.0 | 0.0 | 55.3 | 1.2 |
| Bareilly | 400 | 0 | 0:00 | 9999 | 0:00 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kanpur | 400 | 421 | 4:02 | 398 | 9:13 | 0.0 | 0.0 | 1.1 | 0.0 |
| Dadri | 400 | 421 | 23:30 | 401 | 10:09 | 0.0 | 0.0 | 1.2 | 0.0 |
| Ballabhgarh | 400 | 430 | 4:01 | 404 | 10:09 | 0.0 | 0.0 | 35.9 | 0.0 |
| Bawana | 400 | 427 | 3:05 | 406 | 9:37 | 0.0 | 0.0 | 32.0 | 0.0 |
| Bassi | 400 | 436 | 4:03 | 401 | 8:51 | 0.0 | 0.0 | 35.9 | 5.5 |
| Hissar | 400 | 418 | 23:54 | 392 | 9:12 | 0.0 | 0.0 | 0.0 | 0.0 |
| Moga | 400 | 422 | 23:27 | 389 | 9:33 | 0.0 | 0.4 | 2.1 | 0.0 |
| Abdullapur | 400 | 428 | 23:50 | 407 | 9:14 | 0.0 | 0.0 | 35.3 | 0.0 |
| Nalagarh | 400 | 427 | 23:42 | 401 | 9:32 | 0.0 | 0.0 | 11.5 | 0.0 |
| Kishenpur | 400 | 425 | 23:54 | 385 | 9:34 | 0.0 | 2.9 | 3.2 | 0.0 |
| Wagoora | 400 | 412 | 23:58 | 366 | 9:33 | 22.4 | 50.6 | 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 | 497.79 | 1006.54 | 505.17 | 1312.37 | 161.63 | 421.75 |
| Pong | 426.72 | 384.05 | 413.31 | 611.20 | 415.69 | 705.67 | 69.60 | 491.61 |
| Tehri | 829.79 | 740.04 | 817.95 | 962.00 | 818.65 | 982.26 | 50.80 | 181.00 |
| Koteshwar | 612.50 | 598.50 | 608.80 | 3.98 | NA | NA | 181.00 | 162.00 |
| Chamera-I | 760.00 | 748.75 | NA | NA | NA | NA | 49.23 | 48.35 |
| Rihand | 268.22 | 252.98 | 262.46 | 500.10 | 264.14 | 617.70 | NA | NA |
| RPS | 352.80 | 343.81 | 349.22 | NA | NA | NA | NA | NA |
| Jawahar Sagar | 298.70 | 295.78 | 297.27 | NA | NA | NA | NA | NA |
| RSD | 527.91 | 487.91 | 519.27 | NA | 515.67 | NA | 54.14 | 166.08 |

* NA: Not Available

IX. System Constraints:

X. Grid Disturbance / Any Other Significant Event:

XI. Weather Conditions For 13.12.2012 :

Load crash of 4000 MW (Approx.) in NR due to snowfall in J&K (valley)/Upper part of Utrakhand and HP as well as rains in J&K /Punjab/Haryana/HP/Utrakhand and western part of Rajasthan & UP.

XII. Synchronisation of new generating units :

0.00

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 : 13.12.2012

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER