

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 19.02.2013
Date of Reporting : 20.02.2013

I. Regional Availability/Demand:

| Demand Met | Evening Peak (19:00 Hrs) MW | | | Demand Met | Off Peak (03:00 Hrs) MW | | | Day Energy (Net MU) | |
|------------|-----------------------------|-------------|------------|------------|-------------------------|-------------|------------|---------------------|----------|
| | Shortage | Requirement | Freq* (Hz) | | Shortage | Requirement | Freq* (Hz) | Demand Met | Shortage |
| 29770 | 2880 | 32650 | 50.00 | 22825 | 650 | 23475 | 50.30 | 651.8 | 44.53 |

* 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) | Consumption (Net MU) | Shortages* (MU) |
|--------------|--|--------------|---------------------|---------------|-----------------------------|---------------------------|----------------|-------------------------|--------------------|
| | Thermal | Hydro | Renewable/others \$ | Total | | | | | |
| Punjab | 25.53 | 9.03 | | 34.55 | 46.29 | 47.04 | 0.76 | 81.60 | 2.64 |
| Haryana | 39.46 | 0.35 | | 39.81 | 45.10 | 42.38 | -2.72 | 82.19 | 0.09 |
| Rajasthan | 85.55 | 3.24 | 4.50 | 93.30 | 57.63 | 55.08 | -2.55 | 148.38 | 0.28 |
| Delhi | 26.17 | | | 26.17 | 35.33 | 32.46 | -2.87 | 58.63 | 0.02 |
| UP | 94.84 | 4.90 | 13.20 | 112.95 | 72.15 | 70.56 | -1.59 | 183.51 | 38.39 |
| Uttarakhand | | 11.64 | | 11.64 | 17.93 | 18.39 | 0.46 | 30.03 | 1.41 |
| HP | | 6.75 | | 6.75 | 19.27 | 18.97 | -0.30 | 25.72 | 0.00 |
| J & K | | 7.09 | 0.00 | 7.09 | 33.20 | 31.13 | -2.07 | 38.22 | 1.70 |
| Chandigarh | | | | 0.00 | 3.51 | 3.53 | 0.02 | 3.53 | 0.00 |
| Total | 271.55 | 43.00 | 17.70 | 332.25 | 330.40 | 319.55 | -10.86 | 651.80 | 44.53 |

* 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 | |
| Punjab | 4162 | 600 | 50 | -30 | 2578 | 0 | 36 | 265 | 6.10 |
| Haryana | 4451 | 0 | -83 | -172 | 2701 | 0 | -350 | -244 | -7.55 |
| Rajasthan | 5773 | 0 | -482 | 655 | 5537 | 0 | -24 | 390 | 16.05 |
| Delhi | 3030 | 0 | -174 | -999 | 1352 | 0 | -58 | -1669 | -29.05 |
| UP | 7875 | 2100 | -42 | -5 | 7197 | 650 | 84 | -61 | -1.66 |
| Uttarakhand | 1520 | 80 | 94 | 518 | 1062 | 0 | -122 | 500 | 11.47 |
| HP | 1078 | 0 | -177 | 187 | 759 | 0 | -31 | 375 | 6.90 |
| J&K | 1693 | 100 | -256 | 401 | 1553 | 0 | -98 | 477 | 10.14 |
| Chandigarh | 187 | 0 | -13 | -10 | 86 | 0 | -12 | -30 | -0.35 |
| Total | 29770 | 2880 | -1083 | 544 | 22825 | 650 | -575 | 3 | 12.04 |

* 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 | |
|---|-------------------------|----------------------------------|--------------------------|--------------------|------------------------|--------------------|------------------------|--------------------|--------------|-------------------------|
| | | | | | | | | | | UI (OG:(+ve), UG:(-ve)) |
| A. NTPC | Singrauli STPS | 2000 | 1960 | 2084 | 1639 | 44.22 | 1842 | 43.77 | 0.45 | |
| | Rihand I STPS | 1000 | 925 | 955 | 749 | 20.22 | 842 | 20.23 | -0.02 | |
| | Rihand II STPS | 1000 | 975 | 1038 | 736 | 21.59 | 899 | 21.42 | 0.17 | |
| | Rihand III STPS | 500 | 22 | 0 | 0 | 0.00 | 0 | 0.35 | -0.35 | |
| | Dadri I STPS | 840 | 807 | 776 | 625 | 15.76 | 657 | 16.00 | -0.24 | |
| | Dadri II STPS | 980 | 969 | 952 | 712 | 19.74 | 822 | 20.64 | -0.90 | |
| | Unchahar I TPS | 420 | 407 | 440 | 312 | 8.47 | 353 | 8.41 | 0.06 | |
| | Unchahar II TPS | 420 | 405 | 433 | 310 | 8.14 | 339 | 8.05 | 0.09 | |
| | Unchahar III TPS | 210 | 202 | 221 | 153 | 4.08 | 170 | 4.03 | 0.05 | |
| | ISTPP (Jhajjar) | 1500 | 980 | 363 | 330 | 8.05 | 336 | 8.27 | -0.22 | |
| | Dadri GPS | 830 | 835 | 336 | 422 | 8.89 | 370 | 9.06 | -0.17 | |
| | Anta GPS | 419 | 424 | 206 | 255 | 5.40 | 225 | 5.33 | 0.07 | |
| | Auraiva GPS | 663 | 668 | 324 | 164 | 5.81 | 242 | 6.04 | -0.23 | |
| | Sub Total (A) | 10782 | 9579 | 8128 | 6407 | 170.36 | 7098 | 171.60 | -1.24 | |
| | B. NPC | NAPS | 440 | 306 | 341 | 348 | 7.33 | 305 | 7.34 | -0.01 |
| | | RAPS- B | 440 | 427 | 465 | 470 | 10.23 | 426 | 10.25 | -0.02 |
| RAPS- C | | 440 | 430 | 467 | 477 | 10.16 | 424 | 10.32 | -0.16 | |
| Sub Total (B) | | 1320 | 1163 | 1273 | 1295 | 27.72 | 1155 | 27.91 | -0.19 | |
| C. NHPC | Chamera I HPS | 540 | 550 | 180 | 0 | 2.27 | 94 | 2.16 | 0.10 | |
| | Chamera II HPS | 300 | 204 | 199 | 0 | 1.33 | 56 | 1.26 | 0.08 | |
| | Chamera III HPS | 231 | 231 | 103 | 0 | 0.60 | 25 | 0.57 | 0.03 | |
| | Bairasuil HPS | 180 | 182 | 120 | 20 | 0.83 | 35 | 0.96 | -0.14 | |
| | Salal-HPS | 690 | 142 | 81 | 0 | 3.48 | 145 | 3.40 | 0.08 | |
| | Tanakpur-HPS | 94 | 47 | 62 | 45 | 1.10 | 46 | 1.07 | 0.02 | |
| | Uri-HPS | 480 | 252 | 241 | 249 | 5.60 | 233 | 5.63 | -0.03 | |
| | Dhauliganga-HPS | 280 | 283 | 143 | 0 | 0.89 | 37 | 0.85 | 0.03 | |
| | Dulhasti-HPS | 390 | 0 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 | |
| | Sewa-II HPS | 120 | 120 | 109 | 0 | 1.21 | 50 | 1.10 | 0.10 | |
| | Sub Total (C) | 3305 | 2010 | 1238 | 314 | 17.29 | 721 | 17.01 | 0.28 | |
| D.NJPC | Nathpa Jhakri | 1500 | 1605 | 1357 | 0 | 6.86 | 286 | 6.51 | 0.36 | |
| | Sub Total (D) | 1500 | 1605 | 1357 | 0 | 6.86 | 286 | 6.51 | 0.36 | |
| E. THDC | Tehri HPS | 1000 | 890 | 894 | 0 | 5.73 | 239 | 5.80 | -0.07 | |
| | Koteshwar HPS | 400 | 100 | 100 | 100 | 2.25 | 94 | 2.30 | -0.05 | |
| | Sub Total (E) | 1400 | 990 | 994 | 100 | 7.98 | 333 | 8.10 | -0.12 | |
| F. BBMB | Bhakra HPS | 1480 | 440 | 1024 | 337 | 10.70 | 446 | 10.56 | 0.14 | |
| | Dehar HPS | 990 | 170 | 495 | 0 | 4.31 | 180 | 4.08 | 0.23 | |
| | Pong HPS | 396 | 208 | 310 | 60 | 5.17 | 215 | 5.01 | 0.16 | |
| | Sub Total (F) | 2866 | 818 | 1829 | 397 | 20.18 | 841 | 19.64 | 0.54 | |
| G. IPP(s)/JV(s) | ADHPL HPS(IPP) | 192 | 0 | 29 | 0 | 0.29 | 12 | 0.28 | 0.01 | |
| | KWHEP HPS(IPP) | 1000 | 0 | 280 | 0 | 3.33 | 139 | 3.45 | -0.12 | |
| | Malana Stg-II HPS | 100 | 0 | 30 | 0 | 0.12 | 5 | 0.11 | 0.01 | |
| | Shree Cement TPS | 300 | 0 | 271 | 255 | 6.39 | 266 | 6.37 | 0.02 | |
| | Budhil HPS(IPP) | 70 | 0 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 | |
| | Sub Total (G) | 1662 | 0 | 610 | 255 | 10.14 | 422 | 10.21 | -0.07 | |
| H. Total Regional Entities (A-G) | 22836 | 16164 | 15429 | 8768 | 260.53 | 10855 | 260.98 | -0.45 | | |

| 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 | 630 | 510 | 12.70 | 529 |
| | Guru Nanak Dev TPS(Bhatinda) | 440 | 120 | 105 | 2.49 | 104 |
| | Guru Hargobind Singh TPS(L.mbt) | 920 | 526 | 361 | 10.34 | 431 |
| | Thermal (Total) | 2620 | 1276 | 976 | 25.53 | 1064 |
| | Total Hydro | 1148 | 480 | 355 | 9.03 | 376 |
| | Total Punjab | 3768 | 1756 | 1331 | 34.55 | 1440 |
| Haryana | Panipat TPS | 1367 | 427 | 418 | 10.13 | 422 |
| | DCRTPP (Yamuna nagar) | 600 | 282 | 249 | 6.25 | 260 |
| | Faridabad GPS (NTPC) | 432 | 0 | 0 | 0.00 | 0 |
| | RGTPP (khedar) (IPP) | 1200 | 578 | 338 | 9.89 | 412 |
| | Magnum Diesel (IPP) | 25 | 0 | 0 | 0.00 | 0 |
| | Jhajjar(CLP) | 1320 | 584 | 362 | 13.19 | 550 |
| | Thermal (Total) | 4944 | 1871 | 1367 | 39.46 | 1644 |
| | Total Hydro | 62 | 16 | 10 | 0.35 | 14 |
| | | Total Haryana | 5006 | 1887 | 1377 | 39.81 |
| Rajasthan | kota TPS | 1240 | 1147 | 1043 | 26.67 | 1111 |
| | suratgarh TPS | 1500 | 1160 | 953 | 25.93 | 1080 |
| | Chabra TPS | 500 | 429 | 331 | 8.81 | 367 |
| | Dholpur GPS | 330 | 137 | 140 | 2.63 | 110 |
| | Ramgarh GPS | 111 | 30 | 32 | 0.84 | 35 |
| | RAPS A (NPC) | 300 | 197 | 197 | 4.89 | 204 |
| | Barsingsar (NLC) | 250 | 181 | 199 | 4.44 | 185 |
| | Giral LTTPS | 250 | 69 | 71 | 1.47 | 61 |
| | Rajwest LTTPS (IPP) | 675 | 365 | 412 | 9.88 | 412 |
| | VSLP LTTPS (IPP) | 135 | 0 | | 0.00 | 0 |
| | Thermal (Total) | 5291 | 3715 | 3378 | 85.55 | 3565 |
| | Total Hydro | 550 | 78 | 69 | 3.24 | 135 |
| | Wind power | 2191 | 41 | 186 | 3.75 | 156 |
| | Biomass | 91 | 25 | 25 | 0.59 | 25 |
| | Solar | 201 | 4 | 0 | 0.16 | 7 |
| | Renewable/Others (Total) | 2483 | 66 | 211 | 4.50 | 188 |
| | | Total Rajasthan | 8324 | 3859 | 3658 | 93.30 |
| UP | Anpara TPS | 1630 | 1180 | 1121 | 24.80 | 1033 |
| | Obra TPS | 1382 | 404 | 400 | 8.60 | 358 |
| | Paricha TPS | 890 | 678 | 605 | 14.30 | 596 |
| | Panki TPS | 210 | 85 | 75 | 1.80 | 75 |
| | Harduaganj TPS | 665 | 50 | 280 | 4.10 | 171 |
| | Tanda TPS (NTPC) | 440 | 372 | 328 | 9.28 | 387 |
| | Roza TPS (IPP) | 1200 | 810 | 601 | 17.24 | 718 |
| | Anpara-C (IPP) | 1200 | 275 | 261 | 6.97 | 290 |
| | Bajaj Energy Pvt.Ltd(IPP) TPS | 450 | 275 | 266 | 7.76 | 323 |
| | Thermal (Total) | 8067 | 4129 | 3937 | 94.84 | 3952 |
| | Vishnuparyag HPS (IPP) | 400 | 64 | 68 | 1.58 | 66 |
| | Other Hydro | 527 | 187 | 107 | 3.33 | 139 |
| | Cogeneration | 981 | 550 | 550 | 13.20 | 550 |
| | | Total UP | 9975 | 4930 | 4662 | 112.95 |
| Uttarakhand | Total Hydro | 1303 | 525 | 479 | 11.64 | 485 |
| | Total Uttarakhand | 1303 | 525 | 479 | 11.64 | 485 |
| Delhi | Rajghat TPS | 135 | 108 | 103 | 2.11 | 88 |
| | Delhi Gas Turbine | 282 | 168 | 85 | 3.18 | 132 |
| | Pragati Gas Turbine | 330 | 307 | 265 | 7.43 | 309 |
| | Rithala GPS | 108 | 0 | 0 | 0.00 | 0 |
| | Bawana GPS | 677 | 225 | 213 | 5.58 | 233 |
| | Badarpur TPS (NTPC) | 705 | 345 | 325 | 7.88 | 328 |
| | Thermal (Total) | 2237 | 1153 | 991 | 26.17 | 1090 |
| | | Total Delhi | 2237 | 1153 | 991 | 26.17 |
| HP | Baspa HPS (IPP) | 330 | 28 | 0 | 1.00 | 42 |
| | Malana HPS (IPP) | 86 | 32 | 0 | 2.00 | 83 |
| | Other Hydro | 589 | 172 | 144 | 3.74 | 156 |
| | | Total HP | 1005 | 232 | 144 | 6.75 |
| J & K | Baglihar HPS (IPP) | 450 | 296 | 148 | 3.69 | 154 |
| | Other Hydro | 323 | 95 | 130 | 3.40 | 142 |
| | Gas/Diesel/Others | 183 | 0 | 0 | 0.00 | 0 |
| | | Total J & K | 956 | 391 | 278 | 7.09 |
| Total State Control Area Generation | | 32574 | 14733 | 12920 | 332.25 | 13778 |
| J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)] | | | 2445 | 2405 | 78.45 | 3269 |
| Total Regional Availability(Gross) | | 55410 | 32607 | 24093 | 671.23 | 27902 |

IV. Total Hydro Generation:

| | | | | | |
|-----------------------------|--------------|-------------|-------------|--------------|-------------|
| Regional Entities Hydro | 10364 | 5757 | 811 | 56.06 | 2336 |
| State Control Area Hydro | 5368 | 1909 | 1442 | 43.00 | 1726 |
| Total Regional Hydro | 15731 | 7666 | 2253 | 99.06 | 4062 |

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 | 300 | -300 | 500 | 300 | 5.45 | 1.82 | 3.63 |
| Gwalior-Agra (D/C) | 77 | 443 | 773 | 0 | 10.28 | 0.00 | 10.28 |
| Zerda-Kankroli | -112 | -156 | 0 | 196 | 0.00 | 2.61 | -2.61 |
| Zerda-Bhinmal | -37 | -65 | 131 | 201 | 0.00 | 0.33 | -0.33 |
| Malanpur-Auraiya | -137 | -24 | 0 | 137 | 0.00 | 0.88 | -0.88 |
| Badod-Kota/Morak | -123 | -125 | 35 | 134 | 0.00 | 1.88 | -1.88 |
| Mundra-Mohindergarh(HVDC) | 1267 | 1267 | 1268 | 0 | 30.96 | 0.00 | 30.96 |
| Sub Total WR | 1235 | 1040 | | | 46.69 | 7.52 | 39.17 |
| Pusauli Bypass | 400 | 400 | 400 | 0 | 9.81 | 0.00 | 9.81 |
| MZP- GKP (D/C) | 156 | 244 | 370 | 0 | 5.86 | 0.00 | 5.86 |
| Patna-Balia(D/C) | 529 | 629 | 771 | 0 | 16.47 | 0.00 | 16.47 |
| B'Sharif-Balia (D/C) | 142 | 140 | 385 | 0 | 5.81 | 0.00 | 5.81 |
| Barh - Balia(D/C) | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Pusauli-Balia | -120 | -134 | 0 | 135 | 0.00 | 2.07 | -2.07 |
| Gaya-Fatehpur (765 Kv) | 28 | 21 | 167 | 18 | 1.72 | 0.00 | 1.72 |
| Pusauli-Sahupuri | 110 | 105 | 124 | 0 | 2.60 | 0.00 | 2.60 |
| K'nasa-Sahupuri | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Son Ngr-Rihand | -35 | -40 | 0 | 42 | 0.00 | 0.92 | -0.92 |
| Garhwa-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Sub Total ER | 1210 | 1365 | | | 42.27 | 2.99 | 39.28 |
| Total IR Exch | 2445 | 2405 | | | 88.96 | 10.51 | 78.45 |

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 |
| 38.56 | 0.52 | 39.08 | -2.73 | -1.06 | -0.01 | 4.97 | 4.22 | -4.22 |
| 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 |
| 40.57 | 46.05 | 86.62 | 39.28 | 39.17 | 78.45 | -1.29 | -6.88 | -8.17 |

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 | 0.00 | 4.31 | 87.96 | 83.65 | 75.19 | 12.04 |

| <----- Frequency (Hz) -----> | | | | Average Frequency Hz | Frequency Variation Index | Std. Dev. | Frequency in 15 Min Block | |
|------------------------------|------|---------|------|----------------------|---------------------------|-----------|---------------------------|----------|
| Maximum | | Minimum | | | | | MAX (Hz) | MIN (Hz) |
| Freq | Time | Freq | Time | | | | | |
| 50.66 | 0.00 | 49.60 | 6.24 | 50.11 | 0.41 | 0.14 | 50.48 | 49.76 |

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 | 4:01 | 415 | 5:43 | 15.8 | 15.8 | 0.0 | 0.0 |
| Gorakhpur | 400 | 427 | 17:15 | 414 | 5:31 | 0.0 | 0.0 | 39.0 | 0.0 |
| Bareilly | 400 | 428 | 4:02 | 408 | 6:25 | 0.0 | 0.0 | 30.4 | 0.0 |
| Kanpur | 400 | 423 | 4:01 | 404 | 6:21 | 0.0 | 0.0 | 8.3 | 0.0 |
| Dadri | 400 | 426 | 2:03 | 405 | 18:55 | 0.0 | 0.0 | 23.6 | 0.0 |
| Ballabgarh | 400 | 432 | 4:00 | 409 | 18:52 | 0.0 | 0.0 | 49.0 | 2.7 |
| Bawana | 400 | 431 | 2:05 | 407 | 18:56 | 0.0 | 0.0 | 45.3 | 0.2 |
| Bassi | 400 | 434 | 4:00 | 0 | 12:31 | 31.1 | 31.1 | 34.4 | 3.2 |
| Hissar | 400 | 420 | 2:00 | 396 | 18:52 | 0.0 | 0.0 | 0.0 | 0.0 |
| Moga | 400 | 421 | 2:02 | 397 | 18:50 | 0.0 | 0.0 | 1.5 | 0.0 |
| Abdullapur | 400 | 429 | 13:20 | 400 | 19:21 | 0.0 | 0.0 | 41.7 | 0.0 |
| Nalagarh | 400 | 429 | 2:06 | 404 | 18:59 | 0.0 | 0.0 | 32.9 | 0.0 |
| Kishenpur | 400 | 417 | 2:57 | 394 | 7:28 | 0.0 | 0.0 | 0.0 | 0.0 |
| Wagoora | 400 | 395 | 0:02 | 371 | 20:33 | 42.3 | 86.4 | 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 | 485.97 | 610.73 | 490.56 | 748.75 | 193.46 | 292.43 |
| Pong | 426.72 | 384.05 | 404.49 | 328.16 | 409.23 | 474.29 | 89.74 | 353.05 |
| Tehri | 829.79 | 740.04 | 791.15 | 468.05 | 818.65 | 982.26 | 52.35 | 147.00 |
| Koteswar | 612.50 | 598.50 | 610.40 | 4.69 | NA | NA | 147.00 | 148.00 |
| Chamera-I | 760.00 | 748.75 | NA | NA | NA | NA | 58.78 | 61.42 |
| Rihand | 268.22 | 252.98 | 259.51 | NA | 262.91 | NA | 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 | 509.73 | NA | 499.72 | NA | 151.38 | 91.63 |

* NA: Not Available

IX. System Constraints:

X. Grid Disturbance / Any Other Significant Event:

XI. Weather Conditions For 19.02.2013 :
Dense fog in Punjab,Haryana.

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 : 19.02.2013

पारी प्रभाती अश्विनी / SHIFT CHARGE ENGINEER