

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 21.06.2012
Date of Reporting : 22.06.2012

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 |
| 37654 | 6138 | 43792 | 49.75 | 39567 | 1706 | 41273 | 49.91 | 929.3 | 83.47 |

* 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 | 46.73 | 18.43 | | 65.16 | 109.77 | 126.96 | 17.20 | 192.12 | 22.73 |
| Haryana | 54.99 | 0.89 | | 55.88 | 64.16 | 74.50 | 10.34 | 130.38 | 14.23 |
| Rajasthan | 73.07 | 0.00 | 33.31 | 106.38 | 46.38 | 48.32 | 1.93 | 154.70 | 1.87 |
| Delhi | 27.27 | | | 27.27 | 87.15 | 81.20 | -5.94 | 108.48 | 0.95 |
| UP | 98.96 | 14.22 | 4.80 | 117.98 | 101.10 | 130.18 | 29.08 | 248.16 | 39.70 |
| Uttarakhand | | 21.14 | | 21.14 | 12.13 | 14.15 | 2.01 | 35.29 | 1.04 |
| HP | | 18.49 | | 18.49 | 4.77 | 5.16 | 0.39 | 23.65 | 0.00 |
| J & K | | 14.98 | 0.00 | 14.98 | 14.29 | 15.04 | 0.74 | 30.01 | 2.95 |
| Chandigarh | | | | 0.00 | 7.00 | 6.47 | -0.53 | 6.47 | 0.00 |
| Total | 301.03 | 88.14 | 38.11 | 427.28 | 446.76 | 501.97 | 55.21 | 929.25 | 83.47 |

* 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 (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 | STOA/PX transaction |
| Punjab | 8177 | 2022 | 787 | 1942 | 8307 | 250 | 1042 | 1942 | | 48.42 |
| Haryana | 5067 | 1537 | 194 | 406 | 5476 | 220 | 889 | 456 | | 11.84 |
| Rajasthan | 6463 | 80 | 301 | -229 | 6688 | 0 | -130 | -229 | | -5.50 |
| Delhi | 4471 | 44 | -319 | 654 | 4308 | 6 | -208 | 529 | | 16.09 |
| UP | 9441 | 2225 | 782 | 0 | 11193 | 1130 | 1449 | 0 | | 1.20 |
| Uttarakhand | 1591 | 80 | 229 | 30 | 1457 | 0 | 77 | 30 | | 0.73 |
| HP | 889 | 0 | -101 | -1259 | 880 | 0 | -35 | -1235 | | -30.81 |
| J&K | 1274 | 150 | -13 | -554 | 1015 | 100 | -171 | -554 | | -13.43 |
| Chandigarh | 281 | 0 | 281 | 40 | 243 | 0 | 243 | 20 | | 1.20 |
| Total | 37654 | 6138 | 2141 | 1030 | 39567 | 1706 | 3156 | 960 | | 29.74 |

* 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 | 1456 | 1341 | 1834 | 35.39 | 1475 | 34.94 | 0.46 | |
| | Rihand I STPS | 1000 | 890 | 972 | 969 | 21.58 | 899 | 21.36 | 0.22 | |
| | Rihand II STPS | 1000 | 970 | 1041 | 1040 | 23.54 | 981 | 23.28 | 0.26 | |
| | Rihand III STPS | 500 | | 0 | 0 | 0.00 | 0 | | 0.00 | |
| | Dadri I STPS | 840 | 793 | 857 | 855 | 18.98 | 791 | 19.04 | -0.05 | |
| | Dadri II STPS | 980 | 963 | 1020 | 1005 | 23.07 | 961 | 23.12 | -0.05 | |
| | Unchahar I TPS | 420 | 384 | 418 | 419 | 9.26 | 386 | 9.22 | 0.04 | |
| | Unchahar II TPS | 420 | 384 | 420 | 421 | 9.25 | 386 | 9.22 | 0.04 | |
| | Unchahar III TPS | 210 | 194 | 213 | 212 | 4.70 | 196 | 4.66 | 0.04 | |
| | ISTPP (Jhajjar) | 1000 | 940 | 989 | 935 | 20.96 | 873 | 21.17 | -0.21 | |
| | Dadri GPS | 830 | 760 | 661 | 694 | 15.91 | 663 | 15.95 | -0.05 | |
| | Anta GPS | 419 | 252 | 192 | 233 | 5.22 | 218 | 5.11 | 0.12 | |
| | Auraiya GPS | 663 | 592 | 433 | 609 | 11.13 | 464 | 10.98 | 0.15 | |
| | Sub Total (A) | 10282 | 8578 | 8557 | 9226 | 198.98 | 8291 | 198.02 | 0.96 | |
| B. NPC | NAPS | 440 | 255 | 293 | 294 | 6.10 | 254 | 6.12 | -0.02 | |
| | RAPS- B | 440 | 391 | 428 | 434 | 9.38 | 391 | 9.38 | -0.01 | |
| | RAPS- C | 440 | 200 | 225 | 225 | 4.88 | 203 | 4.80 | 0.08 | |
| | Sub Total (B) | 1320 | 846 | 946 | 953 | 20.36 | 848 | 20.30 | 0.05 | |
| C. NHPC | Chamera I HPS | 540 | 534 | 540 | 540 | 10.82 | 451 | 10.82 | 0.00 | |
| | Chamera II HPS | 300 | 300 | 299 | 301 | 7.17 | 299 | 7.20 | -0.03 | |
| | Chamera III HPS | 231 | | 0 | 77 | 3.11 | 130 | | 3.11 | |
| | Bairasuil HPS | 180 | 53 | 182 | 0 | 0.84 | 35 | 0.74 | 0.09 | |
| | Salal-HPS | 690 | 662 | 662 | 662 | 15.91 | 663 | 15.89 | 0.02 | |
| | Tanakpur-HPS | 94 | 81 | 92 | 93 | 2.02 | 84 | 2.03 | -0.02 | |
| | Uri-HPS | 480 | 476 | 480 | 480 | 11.61 | 484 | 11.53 | 0.07 | |
| | Dhauliganga-HPS | 280 | 277 | 280 | 282 | 6.79 | 283 | 6.89 | -0.11 | |
| | Dulhasti-HPS | 390 | 387 | 399 | 404 | 9.26 | 386 | 8.99 | 0.27 | |
| | Sewa-II HPS | 120 | 70 | 84 | 80 | 1.31 | 55 | 1.29 | 0.02 | |
| | Sub Total (C) | 3305 | 2839 | 3018 | 2919 | 68.83 | 2868 | 65.39 | 3.45 | |
| | D.NJPC | Nathpa Jhakri | 1500 | 1600 | 1623 | 1615 | 38.60 | 1608 | 38.40 | 0.20 |
| | | Sub Total (D) | 1500 | 1600 | 1623 | 1615 | 38.60 | 1608 | 38.40 | 0.20 |
| E. THDC | Tehri HPS | 1000 | 510 | 243 | 481 | 6.98 | 291 | 7.00 | -0.02 | |
| | Koteshwar HPS | 400 | 190 | 192 | 182 | 3.61 | 150 | 3.60 | 0.01 | |
| | Sub Total (E) | 1400 | 700 | 435 | 663 | 10.59 | 441 | 10.60 | -0.01 | |
| F. BBMB | Bhakra HPS | 1480 | 899 | 1088 | 746 | 22.04 | 918 | 21.58 | 0.46 | |
| | Dehar HPS | 990 | 589 | 825 | 620 | 15.27 | 636 | 14.13 | 1.14 | |
| | Pong HPS | 396 | 238 | 324 | 222 | 5.92 | 247 | 5.70 | 0.22 | |
| | Sub Total (F) | 2866 | 1725 | 2237 | 1588 | 43.23 | 1801 | 41.41 | 1.82 | |
| G. IPP(s)/JV(s) | ADHPL HPS(IPP) | 192 | 0 | 224 | 216 | 4.60 | 192 | 3.54 | 1.06 | |
| | KWHEP HPS(IPP) | 1000 | 0 | 1200 | 1200 | 28.46 | 1186 | 27.60 | 0.86 | |
| | Malana Stg-II HPS | 100 | 0 | 34 | 93 | 1.45 | 60 | 0.00 | 1.45 | |
| | Shree Cement TPS | 300 | 0 | 277 | 266 | 6.49 | 271 | 6.27 | 0.22 | |
| | Budhil HPS(IPP) | 70 | | 35 | 35 | 0.72 | 30 | | 0.72 | |
| | Sub Total (G) | 1662 | 0 | 1770 | 1810 | 41.72 | 1738 | 37.42 | 4.30 | |
| H. Total Regional Entities (A-G) | | 22336 | 16288 | 18586 | 18774 | 422.30 | 17596 | 411.53 | 10.77 | |

| 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 | 1025 | 1025 | 22.46 | 936 | |
| | Guru Nanak Dev TPS(Bhatinda) | 440 | 207 | 200 | 3.93 | 164 | |
| | Guru Hargobind Singh TPS(L.mbt) | 920 | 942 | 905 | 20.34 | 847 | |
| | Thermal (Total) | 2620 | 2174 | 2130 | 46.73 | 1947 | |
| | Total Hydro | 1148 | 783 | 783 | 18.43 | 768 | |
| | Total Punjab | 3768 | 2957 | 2913 | 65.16 | 2715 | |
| Haryana | Panipat TPS | 1367 | 1096 | 1103 | 26.73 | 1114 | |
| | DCRTPP (Yamuna nagar) | 600 | 0 | 0 | 0.00 | 0 | |
| | Faridabad GPS (NTPC) | 432 | 357 | 368 | 8.73 | 364 | |
| | RGTPP (khedar) (IPP) | 1200 | 536 | 541 | 13.22 | 551 | |
| | Magnum Diesel (IPP) | 25 | 0 | 0 | 0.00 | 0 | |
| | Jhajjar(CLP) | 1320 | 223 | 209 | 6.32 | 263 | |
| | Thermal (Total) | 4944 | 2212 | 2221 | 54.99 | 2291 | |
| | Total Hydro | 62 | 29 | 27 | 0.89 | 37 | |
| | Total Haryana | 5006 | 2241 | 2248 | 55.88 | 2328 | |
| | Rajasthan | kota TPS | 1240 | 858 | 872 | 20.43 | 851 |
| suratgarh TPS | | 1500 | 1112 | 1093 | 26.42 | 1101 | |
| Chabra TPS | | 500 | 198 | 345 | 6.53 | 272 | |
| Dholpur GPS | | 330 | 94 | 97 | 2.81 | 117 | |
| Ramgarh GPS | | 111 | 53 | 53 | 1.36 | 56 | |
| RAPS A (NPC) | | 300 | 170 | 170 | 3.87 | 161 | |
| Barsingsar (NLC) | | 250 | 81 | 82 | 1.85 | 77 | |
| Giral LTPS | | 250 | 90 | 90 | 1.99 | 83 | |
| Rajwest LTPS (IPP) | | 540 | 338 | 339 | 7.82 | 326 | |
| VSLP LTPS (IPP) | | 135 | 0 | 0 | 0.00 | 0 | |
| Thermal (Total) | | 5156 | 2994 | 3141 | 73.07 | 3045 | |
| Total Hydro | | 550 | 0 | 0 | 0.00 | 0 | |
| Wind power | | 1843 | 1380 | 1382 | 32.05 | 1335 | |
| Biomass | | 91 | 37 | 37 | 0.89 | 37 | |
| Solar | | 128 | 0 | 0 | 0.38 | 16 | |
| Renewable/Others (Total) | | 2062 | 1417 | 1419 | 33.31 | 1388 | |
| Total Rajasthan | | 7767 | 4411 | 4560 | 106.38 | 4433 | |
| UP | | Anpara TPS | 1630 | 981 | 943 | 23.00 | 958 |
| | | Obra TPS | 1382 | 455 | 451 | 11.00 | 458 |
| | | Paricha TPS | 890 | 559 | 557 | 13.10 | 546 |
| | Panki TPS | 210 | 131 | 68 | 2.30 | 96 | |
| | Harduaganj TPS | 665 | 38 | 40 | 0.90 | 38 | |
| | Tanda TPS (NTPC) | 440 | 358 | 283 | 7.36 | 307 | |
| | Roza TPS (IPP) | 1200 | 826 | 824 | 19.58 | 816 | |
| | Anpara-C (IPP) | 1200 | 565 | 639 | 14.79 | 616 | |
| | Bajaj Energy Pvt.Ltd(IPP) TPS | 450 | 281 | 311 | 6.94 | 289 | |
| | Thermal (Total) | 8067 | 4194 | 4116 | 98.96 | 4123 | |
| | Vishnuparyag HPS (IPP) | 400 | 396 | 436 | 10.27 | 428 | |
| | Other Hydro | 527 | 188 | 0 | 3.95 | 165 | |
| | Cogeneration | 981 | 200 | 200 | 4.80 | 200 | |
| | Total UP | 9975 | 4978 | 4752 | 117.98 | 4488 | |
| | Uttarakhand | Total Hydro | 1303 | 908 | 827 | 21.14 | 881 |
| Total Uttarakhand | | 1303 | 908 | 827 | 21.14 | 881 | |
| Delhi | Rajghat TPS | 135 | 55 | 56 | 1.32 | 55 | |
| | Delhi Gas Turbine | 282 | 199 | 175 | 4.41 | 184 | |
| | Pragati Gas Turbine | 330 | 269 | 277 | 6.68 | 278 | |
| | Rithala GPS | 108 | 22 | 22 | 0.51 | 21 | |
| | Bawana GPS | 677 | 223 | 201 | 4.84 | 202 | |
| | Badarpur TPS (NTPC) | 705 | 460 | 440 | 9.52 | 396 | |
| | Thermal (Total) | 2237 | 1228 | 1171 | 27.27 | 1136 | |
| | Total Delhi | 2237 | 1228 | 1171 | 27.27 | 1136 | |
| HP | Baspa HPS (IPP) | 330 | 330 | 330 | 7.92 | 330 | |
| | Malana HPS (IPP) | 86 | 58 | 68 | 1.55 | 65 | |
| | Other Hydro | 589 | 388 | 366 | 9.01 | 375 | |
| | Total HP | 1005 | 776 | 764 | 18 | 770 | |
| J & K | Baglihar HPS (IPP) | 450 | 436 | 437 | 10.43 | 435 | |
| | Other Hydro | 323 | 178 | 197 | 4.55 | 189 | |
| | Gas/Diesel/Others | 183 | 0 | 0 | 0.00 | 0 | |
| | Total J & K | 956 | 614 | 634 | 14.98 | 624 | |
| Total State Control Area Generation | | 32017 | 18113 | 17869 | 427.28 | 17376 | |
| J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)] | | | 2740 | 4897 | 95.98 | 3999 | |
| Total Regional Availability(Gross) | | 54353 | 39439 | 41540 | 945.56 | 38971 | |

IV. Total Hydro Generation:

| | | | | | |
|-----------------------------|--------------|--------------|--------------|---------------|--------------|
| Regional Entities Hydro | 10364 | 8771 | 8294 | 195.76 | 8157 |
| State Control Area Hydro | 5368 | 3298 | 3035 | 77.88 | 3245 |
| Total Regional Hydro | 15731 | 12069 | 11329 | 273.64 | 11401 |

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 | 500 | 500 | 500 | 0 | 12.03 | 0.00 | 12.03 |
| Gwalior-Agra (D/C) | 841 | 1471 | 1498 | 0 | 29.53 | 0.00 | 29.53 |
| Zerda-Kankroli | 135 | 228 | 235 | 0 | 3.39 | 0.00 | 3.39 |
| Zerda-Bhinmal | 83 | 169 | 260 | 76 | 2.49 | 0.00 | 2.49 |
| Malanpur-Auraiya | -11 | -17 | 10 | 44 | 0.00 | 0.71 | -0.71 |
| Badod-Kota/Morak | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Mundra-Mohindergarh(HVDC) | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Sub Total WR | 1548 | 2351 | | | 47.44 | 0.71 | 46.73 |
| Pusauli Bypass | -231 | -25 | 86 | 231 | 0.20 | 1.57 | -1.37 |
| MZP- GKP (D/C) | 412 | 660 | 800 | 0 | 16.19 | 0.00 | 16.19 |
| Patna-Balia(D/C) | 338 | 633 | 633 | 0 | 11.57 | 0.00 | 11.57 |
| B'Sharif-Balia (D/C) | 285 | 589 | 589 | 0 | 9.88 | 0.00 | 9.88 |
| Barh - Balia(D/C) | 207 | 387 | 387 | 0 | 7.49 | 0.00 | 7.49 |
| Pusauli-Balia | 71 | 40 | 71 | 0 | 0.41 | 0.00 | 0.41 |
| Gaya-Fatehpur (765 Kv) | 17 | 131 | 166 | 0 | 2.37 | 0.00 | 2.37 |
| Pusauli-Sahupuri | 135 | 160 | 165 | 0 | 3.72 | 0.00 | 3.72 |
| K'nasa-Sahupuri | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Son Ngr-Rihand | -42 | -29 | 0 | 48 | 0.00 | 1.02 | -1.02 |
| Garhwa-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Sub Total ER | 1192 | 2546 | | | 51.83 | 2.59 | 49.24 |
| Total IR Exch | 2740 | 4897 | | | 99.27 | 3.30 | 95.98 |

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 |
| 26.16 | 1.60 | 27.75 | 1.61 | 27.27 | -3.95 | -0.85 | 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 |
| 25.42 | 24.21 | 49.63 | 49.24 | 46.73 | 95.98 | 23.82 | 22.52 | 46.35 |

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 | 0.30 | 2.20 | 16.20 | 48.00 | 82.90 | 51.10 | 4.00 | 0.90 |

| <----- Frequency (Hz) -----> | | | | Average Frequency | Frequency Variation Index | Std. Dev. | Frequency in 15 Min Block | |
|------------------------------|------|---------|-------|-------------------|---------------------------|-----------|---------------------------|-------|
| Maximum | | Minimum | | | | | MAX | MIN |
| Freq | Time | Freq | Time | Hz | (Hz) | (Hz) | | |
| 50.34 | 6.07 | 48.83 | 22.04 | 49.70 | 1.34 | 0.20 | 50.30 | 49.17 |

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 | 404 | 18:45 | 395 | 14:26 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gorakhpur | 400 | 427 | 08:06 | 398 | 02:35 | 0.0 | 0.0 | 25.8 | 0.0 |
| Bareilly | 400 | 418 | 19:28 | 387 | 02:20 | 0.0 | 1.4 | 0.0 | 0.0 |
| Kanpur | 400 | 414 | 19:31 | 392 | 00:09 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dadri | 400 | 408 | 19:29 | 384 | 16:26 | 0.0 | 8.5 | 0.0 | 0.0 |
| Ballabgarh | 400 | 416 | 19:52 | 387 | 16:24 | 0.0 | 0.5 | 0.0 | 0.0 |
| Bawana | 400 | 412 | 08:00 | 387 | 16:26 | 0.0 | 0.7 | 0.0 | 0.0 |
| Bassi | 400 | 421 | 19:52 | 390 | 14:29 | 0.0 | 0.0 | 0.4 | 0.0 |
| Hissar | 400 | 414 | 21:30 | 387 | 02:19 | 0.0 | 11.4 | 0.0 | 0.0 |
| Moga | 400 | 417 | 19:56 | 391 | 16:26 | 0.0 | 0.0 | 0.0 | 0.0 |
| Abdullapur | 400 | 414 | 19:56 | 250 | 15:10 | 0.1 | 0.1 | 0.0 | 0.0 |
| Nalagarh | 400 | 0 | 00:00 | 9999 | 00:00 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kishenpur | 400 | 409 | 19:53 | 396 | 16:24 | 0.0 | 0.0 | 0.0 | 0.0 |
| Wagoora | 400 | 406 | 00:20 | 391 | 06:35 | 0.0 | 0.0 | 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 | 465.82 | 204.14 | 480.94 | 481.64 | 840.56 | 850.89 |
| Pong | 426.72 | 384.05 | 296.21 | 146.09 | 411.45 | 544.90 | 132.92 | 482.09 |
| Tehri | 829.79 | 740.04 | 742.50 | 11.77 | 818.65 | 982.26 | 236.75 | 207.00 |
| Koteswar | 612.50 | 598.50 | 605.00 | 2.46 | NA | NA | 207.00 | 204.00 |
| Chamera-I | 760.00 | 748.75 | NA | NA | NA | NA | 315.62 | 333.22 |
| Rihand | 268.22 | 252.98 | 255.00 | 76.20 | 254.02 | 38.60 | NA | NA |
| RPS | 352.80 | 343.81 | 349.88 | NA | NA | NA | NA | NA |
| Jawahar Sagar | 298.70 | 295.78 | 298.00 | NA | NA | NA | NA | NA |
| RSD | 527.91 | 487.91 | 499.52 | NA | 511.21 | NA | 277.73 | 314.71 |

* NA: Not Available
IX. System Constraints:

X. Grid Disturbance / Any Other Significant Event:

XI. Weather Conditions For 21.06.2012 :
1. Hot dry weather

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 : 21.06.2012

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER