

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पब्लिसिटी की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 19.06.2013
Date of Reporting : 20.06.2013

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 |
| 35684 | 1710 | 37394 | 49.67 | 31199 | 1610 | 32809 | 50.05 | 807.5 | 40.39 |

* 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 | 41.54 | 17.30 | | 58.84 | 113.07 | 109.74 | -3.33 | 168.58 | 1.43 |
| Haryana | 33.96 | 0.00 | | 33.96 | 98.94 | 94.31 | -4.63 | 128.27 | 0.00 |
| Rajasthan | 79.53 | 0.14 | 9.52 | 89.19 | 58.50 | 55.90 | -2.60 | 145.09 | 0.78 |
| Delhi | 20.94 | | | 20.94 | 69.95 | 65.60 | -4.35 | 86.54 | 0.24 |
| UP | 107.22 | 1.60 | 4.20 | 113.02 | 95.77 | 87.25 | -8.52 | 200.28 | 29.41 |
| Uttarakhand | | 4.70 | | 4.70 | 21.00 | 22.29 | 1.29 | 26.99 | 3.48 |
| HP | | 21.77 | | 21.77 | -1.17 | -0.72 | 0.45 | 21.05 | 3.35 |
| J & K | | 13.42 | 0.00 | 13.42 | 13.45 | 12.34 | -1.11 | 25.76 | 1.70 |
| Chandigarh | | | | 0.00 | 4.88 | 4.98 | 0.10 | 4.98 | 0.00 |
| Total | 283.19 | 58.93 | 13.72 | 355.84 | 474.40 | 451.70 | -22.71 | 807.53 | 40.39 |

* 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 | |
| Punjab | 7729 | 0 | -113 | 1638 | 6311 | 0 | -499 | 1744 | 41.70 | |
| Haryana | 5490 | 0 | -631 | 1115 | 5007 | 0 | -217 | 1101 | 25.62 | |
| Rajasthan | 6007 | 0 | -73 | 360 | 5851 | 0 | -325 | 290 | 5.73 | |
| Delhi | 3919 | 0 | -177 | 107 | 2946 | 0 | -330 | -92 | 0.50 | |
| UP | 8700 | 1540 | -511 | 340 | 8637 | 1160 | -301 | 947 | 13.39 | |
| Uttarakhand | 1402 | 70 | 67 | 412 | 945 | 165 | 79 | 336 | 8.21 | |
| HP | 989 | 0 | -79 | -405 | 577 | 285 | 109 | -854 | -14.47 | |
| J&K | 1217 | 100 | -42 | -131 | 768 | 0 | 63 | -449 | -6.28 | |
| Chandigarh | 232 | 0 | -12 | 0 | 158 | 0 | -18 | 0 | 0.00 | |
| Total | 35684 | 1710 | -1571 | 3435 | 31199 | 1610 | -1440 | 3023 | 74.41 | |

* 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 [OG:(+ve), UG: (-ve)] | |
|---|-------------------------|----------------------------------|--------------------------|--------------------|------------------------|--------------------|------------------------|--------------------|--------------------------|--------|
| | | | | | | | | | Net MU | Net MU |
| A. NTPC | Singrauli STPS | 2000 | 1935 | 2079 | 2083 | 46.30 | 1929 | 46.44 | -0.14 | |
| | Rihand I STPS | 1000 | 123 | 330 | 0 | 3.28 | 137 | 2.95 | 0.33 | |
| | Rihand II STPS | 1000 | 320 | 1036 | 0 | 7.50 | 312 | 7.68 | -0.18 | |
| | Rihand III STPS | 500 | 207 | 490 | 0 | 4.95 | 206 | 4.96 | -0.01 | |
| | Dadri I STPS | 840 | 648 | 769 | 421 | 13.52 | 563 | 14.25 | -0.73 | |
| | Dadri II STPS | 980 | 975 | 1028 | 795 | 21.80 | 908 | 22.02 | -0.22 | |
| | Unchahar I TPS | 420 | 403 | 437 | 415 | 9.41 | 392 | 9.43 | -0.02 | |
| | Unchahar II TPS | 420 | 201 | 220 | 209 | 4.59 | 191 | 4.60 | -0.01 | |
| | Unchahar III TPS | 210 | 200 | 219 | 204 | 4.55 | 190 | 4.56 | -0.01 | |
| | ISTPP (Jhajihar) | 1500 | 940 | 501 | 471 | 10.51 | 438 | 10.31 | 0.20 | |
| | Dadri GPS | 830 | 800 | 490 | 501 | 11.92 | 497 | 12.04 | -0.12 | |
| | Anta GPS | 419 | 398 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 | |
| | Auraiya GPS | 663 | 630 | 301 | 313 | 7.14 | 298 | 6.89 | 0.25 | |
| | Sub Total (A) | 10782 | 7777 | 7900 | 5412 | 145.46 | 6061 | 146.12 | -0.66 | |
| B. NPC | NAPS | 440 | 306 | 325 | 336 | 7.10 | 296 | 7.36 | -0.26 | |
| | RAPS- B | 440 | 388 | 434 | 435 | 9.34 | 389 | 9.31 | 0.03 | |
| | RAPS- C | 440 | 400 | 445 | 460 | 9.75 | 406 | 9.60 | 0.15 | |
| | Sub Total (B) | 1320 | 1094 | 1204 | 1231 | 26.19 | 1091 | 26.27 | -0.08 | |
| C. NHPC | Chamera I HPS | 540 | 540 | 540 | 540 | 13.01 | 542 | 12.96 | 0.04 | |
| | Chamera II HPS | 300 | 310 | 314 | 310 | 7.43 | 309 | 7.20 | 0.23 | |
| | Chamera III HPS | 231 | 231 | 240 | 233 | 5.57 | 232 | 5.31 | 0.26 | |
| | Bairasuil HPS | 180 | 179 | 120 | 150 | 2.20 | 92 | 1.86 | 0.34 | |
| | Salal-HPS | 690 | 665 | 670 | 667 | 16.00 | 666 | 15.96 | 0.03 | |
| | Tanakpur-HPS | 94 | 13 | 0 | 0 | 0.35 | 15 | 0.32 | 0.03 | |
| | Uri-HPS | 480 | 475 | 476 | 474 | 11.44 | 477 | 10.85 | 0.59 | |
| | Dhauliganga-HPS | 280 | 0 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 | |
| | Dulhasti-HPS | 390 | 387 | 407 | 406 | 9.40 | 392 | 9.33 | 0.07 | |
| | Sewa-II HPS | 120 | 119 | 124 | 0 | 1.22 | 51 | 1.18 | 0.04 | |
| Sub Total (C) | 3305 | 2920 | 2891 | 2780 | 66.61 | 2775 | 64.97 | 1.64 | | |
| D. NJPC | Natpaa Jhakri | 1500 | 215 | 0 | 0 | 4.64 | 193 | 5.16 | -0.53 | |
| | Sub Total (D) | 1500 | 215 | 0 | 0 | 4.64 | 193 | 5.16 | -0.53 | |
| E. THDC | Tehri HPS | 1000 | 780 | 785 | 547 | 17.74 | 739 | 17.00 | 0.74 | |
| | Sub Total (E) | 1400 | 1066 | 1083 | 836 | 24.58 | 1024 | 23.85 | 0.73 | |
| F. BBMB | Bhakra HPS | 1480 | 1146 | 1260 | 1103 | 27.70 | 1154 | 27.51 | 0.19 | |
| | Dehar HPS | 990 | 609 | 825 | 600 | 15.02 | 626 | 14.61 | 0.41 | |
| | Pong HPS | 396 | 59 | 246 | 0 | 1.44 | 60 | 1.42 | 0.02 | |
| | Sub Total (F) | 2866 | 1814 | 2331 | 1703 | 44.16 | 1840 | 43.54 | 0.62 | |
| G. IPP(s)/JV(s) | ADHPL HPS(IPP) | 192 | 0 | 146 | 121 | 2.94 | 122 | 3.20 | -0.26 | |
| | KWHEP HPS(IPP) | 1000 | 0 | 600 | 0 | 3.07 | 128 | 25.06 | -22.00 | |
| | Malana Stg-II HPS | 100 | 0 | 59 | 60 | 1.38 | 58 | 1.28 | 0.10 | |
| | Shree Cement TPS | 300 | 0 | 261 | 188 | 5.17 | 215 | 4.42 | 0.75 | |
| | Budhil HPS(IPP) | 70 | 0 | 59 | 34 | 1.08 | 45 | 0.72 | 0.35 | |
| | Sub Total (G) | 1662 | 0 | 1125 | 403 | 13.63 | 568 | 34.68 | -21.06 | |
| H. Total Regional Entities (A-G) | 22836 | 14887 | 16534 | 12365 | 325.25 | 13552 | 344.59 | -19.34 | | |

| 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 | 1190 | 710 | 20.46 | 853 | |
| | Guru Nanak Dev TPS(Bhatinda) | 440 | 210 | 90 | 3.54 | 148 | |
| | Guru Hargobind Singh TPS(L.mbt) | 920 | 939 | 541 | 17.53 | 731 | |
| | Goindwal(GVK) | | 0 | 0 | 0.00 | 0 | |
| | Thermal (Total) | 2620 | 2339 | 1341 | 41.54 | 1731 | |
| | Total Hydro | 1148 | 613 | 703 | 17.30 | 721 | |
| | Total Punjab | 3768 | 2952 | 2044 | 58.84 | 2452 | |
| Haryana | Panipat TPS | 1367 | 620 | 641 | 15.55 | 648 | |
| | DCRTPP (Yamuna nagar) | 600 | 280 | 0 | 2.14 | 89 | |
| | Faridabad GPS (NTPC) | 432 | 184 | 184 | 4.30 | 179 | |
| | RGTPP (khedar) (IPP) | 1200 | 561 | 440 | 11.97 | 499 | |
| | Magnum Diesel (IPP) | 25 | 0 | 0 | 0.00 | 0 | |
| | Jhajjar(CLP) | 1320 | 0 | 0 | 0.00 | 0 | |
| | Thermal (Total) | 4944 | 1645 | 1265 | 33.96 | 1415 | |
| | Total Hydro | 62 | 0 | 0 | 0.00 | 0 | |
| | | Total Haryana | 5006 | 1645 | 1265 | 33.96 | 1415 |
| | Rajasthan | kota TPS | 1240 | 990 | 981 | 22.56 | 940 |
| suratgarh TPS | | 1500 | 1067 | 1105 | 25.61 | 1067 | |
| Chabra TPS | | 500 | 228 | 0 | 3.57 | 149 | |
| Dholpur GPS | | 330 | 134 | 134 | 2.83 | 118 | |
| Ramgarh GPS | | 111 | 63 | 66 | 1.66 | 69 | |
| RAPS A (NPC) | | 300 | 176 | 176 | 4.30 | 179 | |
| Barsingar (NLC) | | 250 | 0 | 0 | 0.00 | 0 | |
| Giral LTPS | | 250 | 0 | 0 | 0.00 | 0 | |
| Rajwest LTPS (IPP) | | 1080 | 788 | 816 | 19.01 | 792 | |
| VSLP LTPS (IPP) | | 135 | 0 | 0 | 0.00 | 0 | |
| Kalisindh Thermal | | 600 | 0 | 0 | 0.00 | 0 | |
| Kawai(Adani) | | 660 | 0 | 0 | 0.00 | 0 | |
| Thermal (Total) | | 6956 | 3446 | 3278 | 79.53 | 3314 | |
| Total Hydro | | 550 | 0 | 0 | 0.14 | 6 | |
| Wind power | | 2191 | 158 | 551 | 7.55 | 315 | |
| Biomass | | 91 | 19 | 19 | 0.44 | 19 | |
| Solar | | 201 | 0 | 0 | 1.52 | 63 | |
| Renewable/Others (Total) | | 2483 | 177 | 570 | 9.52 | 397 | |
| | | Total Rajasthan | 9989 | 3623 | 3848 | 89.19 | 3716 |
| UP | | Anpara TPS | 1630 | 1352 | 1365 | 29.50 | 1229 |
| | Obra TPS | 1288 | 490 | 482 | 10.60 | 442 | |
| | Paricha TPS | 1140 | 897 | 927 | 19.30 | 804 | |
| | Panki TPS | 210 | 95 | 140 | 2.30 | 96 | |
| | Harduaganj TPS | 665 | 422 | 391 | 8.60 | 358 | |
| | Tanda TPS (NTPC) | 440 | 296 | 297 | 7.33 | 305 | |
| | Roza TPS (IPP) | 1200 | 1040 | 778 | 22.27 | 928 | |
| | Anpara-C (IPP) | 1200 | 418 | 494 | 7.32 | 305 | |
| | Bajaj Energy Pvt.Ltd(IPP) TPS | 450 | 0 | 0 | 0.00 | 0 | |
| | Thermal (Total) | 8223 | 5010 | 4874 | 107.22 | 4467 | |
| | Vishnuparyag HPS (IPP) | 400 | 0 | 0 | 0.00 | 0 | |
| | Other Hydro | 527 | 40 | 117 | 1.60 | 67 | |
| | Cogeneration | 981 | 175 | 175 | 4.20 | 175 | |
| | | Total UP | 10131 | 5225 | 5166 | 113.02 | 4709 |
| | Uttarakhand | Total Hydro | 1303 | 355 | 41 | 4.70 | 196 |
| Total Uttarakhand | | 1303 | 355 | 41 | 4.70 | 196 | |
| Delhi | Rajghat TPS | 135 | 72 | 38 | 1.37 | 57 | |
| | Delhi Gas Turbine | 282 | 149 | 152 | 3.75 | 156 | |
| | Pragati Gas Turbine | 330 | 139 | 145 | 3.53 | 147 | |
| | Rithala GPS | 95 | 0 | 0 | 0.00 | 0 | |
| | Bawana GPS | 686 | 28 | 28 | 0.80 | 34 | |
| | Badarpur TPS (NTPC) | 705 | 545 | 490 | 11.49 | 479 | |
| | Thermal (Total) | 2232 | 933 | 853 | 20.94 | 873 | |
| | Total Delhi | 2232 | 933 | 853 | 20.94 | 873 | |
| HP | Baspa HPS (IPP) | 330 | 330 | 330 | 7.88 | 329 | |
| | Malana HPS (IPP) | 86 | 71 | 48 | 1.20 | 50 | |
| | Other Hydro | 589 | 557 | 495 | 12.68 | 528 | |
| | | Total HP | 1005 | 958 | 873 | 21.77 | 907 |
| J & K | Baglihar HPS (IPP) | 450 | 438 | 436 | 10.46 | 436 | |
| | Other Hydro | 323 | 110 | 128 | 2.95 | 123 | |
| | Gas/Diesel/Others | 183 | 0 | 0 | 0.00 | 0 | |
| | | Total J & K | 956 | 548 | 564 | 13.42 | 559 |
| Total State Control Area Generation | | 34390 | 16239 | 14654 | 355.84 | 14826 | |
| J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)] | | | 6097 | 5690 | 152.91 | 6371 | |
| Total Regional Availability(Gross) | | 57226 | 38870 | 32709 | 834.00 | 34750 | |

IV. Total Hydro Generation:

| | | | | | |
|-----------------------------|--------------|-------------|-------------|---------------|-------------|
| Regional Entities Hydro | 10364 | 7110 | 5500 | 147.37 | 6140 |
| State Control Area Hydro | 5368 | 2514 | 2298 | 58.93 | 2455 |
| Total Regional Hydro | 15731 | 9624 | 7798 | 206.29 | 8596 |

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 | Import | Export | |
| Vindhychal B/B | 500 | 250 | 500 | 0 | 10.33 | 0.00 | 10.33 | 0.00 | 10.33 |
| Gwalior-Agra (D/C) | 1532 | 1667 | 1975 | 0 | 41.26 | 0.00 | 41.26 | 0.00 | 41.26 |
| Zerda-Kankroli | 48 | -38 | 70 | 60 | 0.00 | 0.16 | -0.16 | 0.00 | -0.16 |
| Zerda-Bhinmal | 80 | -36 | 123 | 92 | 0.37 | 0.00 | 0.37 | 0.00 | 0.37 |
| Malanpur-Auraiya | -54 | -32 | 0 | 57 | 0.00 | 0.73 | -0.73 | 0.00 | -0.73 |
| Badod-Kota/Morak | 5 | 3 | 13 | 33 | 0.39 | 0.00 | 0.39 | 0.00 | 0.39 |
| Mundra-Mohindergarh(HVDC) | 1449 | 1250 | 1450 | 0 | 33.64 | 0.00 | 33.64 | 0.00 | 33.64 |
| Sub Total WR | 3560 | 3064 | | | 85.99 | 0.89 | | | 85.10 |
| Pusauli Bypass | -234 | -101 | 103 | 304 | 0.15 | 2.71 | -2.56 | 0.00 | -2.56 |
| MZP- GKP (D/C) | 648 | 774 | 1176 | 0 | 18.56 | 0.00 | 18.56 | 0.00 | 18.56 |
| Patna-Balia(D/C) | 870 | 910 | 1031 | 0 | 21.86 | 0.00 | 21.86 | 0.00 | 21.86 |
| B'Sharif-Balia (D/C) | 418 | 456 | 535 | 0 | 11.25 | 0.00 | 11.25 | 0.00 | 11.25 |
| Pusauli-Balia | 20 | 37 | 0 | 82 | 0.91 | 0.00 | 0.91 | 0.00 | 0.91 |
| Gaya-Fatehpur (765 Kv) | 85 | 54 | 294 | 0 | 2.74 | 0.00 | 2.74 | 0.00 | 2.74 |
| Pusauli-Sahupuri | 119 | 145 | 154 | 0 | 3.18 | 0.00 | 3.18 | 0.00 | 3.18 |
| K'nasa-Sahupuri | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Son Ngr-Rihand | -38 | -40 | 0 | 45 | 0.00 | 0.90 | -0.90 | 0.00 | -0.90 |
| Garhwa-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Sasaram - Fatehpur(765 KV) | 649 | 391 | 777 | 0 | 12.79 | 0.00 | 12.79 | 0.00 | 12.79 |
| Sub Total ER | 2537 | 2626 | | | 71.41 | 3.60 | | | 67.81 |
| Total IR Exch | 6097 | 5690 | | | 157.40 | 4.49 | | | 152.91 |

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 |
| 44.20 | 2.11 | 46.31 | 15.21 | 23.28 | -0.43 | 5.56 | 0.59 | -0.59 |

| 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 |
| 61.68 | 84.01 | 145.69 | 67.81 | 85.10 | 152.91 | 6.13 | 1.08 | 7.22 |

VI. Frequency Profile <----- % of Time Frequency ----->

| <48.80 | <49.0 | <49.20 | <49.50 | <49.7 | 49.5 - 50.2 | 49.7-49.8 | 49.7 - 50.2 | > 50.00 | > 50.2 |
|--------|-------|--------|--------|-------|-------------|-----------|-------------|---------|--------|
| 0.00 | 0.00 | 0.00 | 0.50 | 3.20 | 96.30 | 5.30 | 93.60 | 38.20 | 3.20 |

| 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 | | | | | |
| 50.31 | 17.04 | 49.38 | 19.49 | 49.97 | 0.17 | 0.13 | 50.26 | 49.63 |

VII. Voltage profile 400 kV

| 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 | 03:59 | 396 | 19:59 | 0.0 | 0.0 | 12.7 | 0.0 |
| Gorakhpur | 400 | 433 | 06:31 | 398 | 22:35 | 0.0 | 0.0 | 36.4 | 3.7 |
| Bareilly | 400 | 424 | 04:09 | 399 | 14:46 | 0.0 | 0.0 | 5.5 | 0.0 |
| Kanpur | 400 | 428 | 04:08 | 402 | 10:58 | 0.0 | 0.0 | 34.6 | 0.0 |
| Dadri | 400 | 420 | 04:26 | 399 | 14:42 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ballabgarh | 400 | 427 | 04:01 | 403 | 14:48 | 0.0 | 0.0 | 30.1 | 0.0 |
| Bawana | 400 | 424 | 04:03 | 401 | 14:45 | 0.0 | 0.0 | 6.7 | 0.0 |
| Bassi | 400 | 435 | 04:05 | 407 | 10:58 | 0.0 | 0.0 | 36.2 | 2.9 |
| Hissar | 400 | 412 | 04:01 | 392 | 15:54 | 0.0 | 0.0 | 0.0 | 0.0 |
| Moga | 400 | 413 | 19:01 | 394 | 11:35 | 0.0 | 0.0 | 0.0 | 0.0 |
| Abdullapur | 400 | 423 | 04:02 | 289 | 09:23 | 0.1 | 0.1 | 2.6 | 0.0 |
| Nalagarh | 400 | 424 | 04:01 | 404 | 11:32 | 0.0 | 0.0 | 11.3 | 0.0 |
| Kishenpur | 400 | 413 | 02:06 | 399 | 14:14 | 0.0 | 0.0 | 0.0 | 0.0 |
| Wagoora | 400 | 414 | 02:04 | 392 | 21:12 | 0.0 | 0.0 | 0.0 | 0.0 |

VIII. Voltage profile 765 kV

| Station | Voltage Level (kV) | Maximum | | Minimum | | Voltage (in % of Time) | | | |
|----------|--------------------|-------------|-------|--------------|-------|------------------------|---------|---------|---------|
| | | Voltage(KV) | Time | Voltage (KV) | Time | <728 kV | <742 kV | >800 kV | >820 kV |
| Fatehpur | 765 | 779 | 13:07 | 746 | 10:58 | 0.0 | 0.0 | 0.0 | 0.0 |
| Balia | 765 | 773 | 06:05 | 716 | 22:43 | 9.7 | 41.5 | 0.0 | 0.0 |
| Moga | 765 | 790 | 19:02 | 742 | 11:35 | 0.0 | 0.0 | 0.0 | 0.0 |
| Agra | 765 | 812 | 04:03 | 765 | 14:48 | 0.0 | 0.0 | 16.9 | 0.0 |
| Bhiwani | 765 | 795 | 04:09 | 754 | 11:35 | 0.0 | 0.0 | 0.0 | 0.0 |
| Unnao | 765 | 781 | 01:01 | 729 | 22:36 | 0.0 | 23.0 | 0.0 | 0.0 |

IX. 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 | 486.53 | 627.57 | 465.62 | 204.14 | 1053.05 | 939.92 |
| Pong | 426.72 | 384.05 | 402.38 | 273.51 | 396.21 | 146.09 | 22.00 | 99.14 |
| Tehri | 829.79 | 740.04 | 777.65 | 297.05 | 818.65 | 982.26 | 771.35 | 493.00 |
| Koteswar | 612.50 | 598.50 | NA | NA | NA | NA | NA | NA |
| Chamera-I | 760.00 | 748.75 | NA | NA | NA | NA | 316.18 | 352.24 |
| Rihand | 288.22 | 252.98 | 254.97 | 75.00 | 254.87 | 71.40 | NA | NA |
| RPS | 352.80 | 343.81 | 348.24 | NA | 349.85 | NA | NA | 7.48 |
| Jawahar Sagar | 298.70 | 295.78 | 297.94 | NA | 298.12 | NA | NA | 9.29 |
| RSD | 527.91 | 487.91 | 513.78 | NA | 499.77 | NA | 313.58 | 452.22 |

* NA: Not Available

X. System Constraints:

XI. Grid Disturbance / Any Other Significant Event:

XII. Weather Conditions For 19.06.2013 :

1. Normal weather.

XIII. Synchronisation of new generating units :

XIV. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / /substation :

XV. Tripping of lines in pooling stations :

XVI. Complete generation loss in a generating station :

1. Dhauliganga (280 MW) closed down till 30.09.2013 due to flooding of power house.
2. 50%(400MW) generation of Uttrakhand revived.

Report for : 19.06.2013

पारी प्रभाती अभियंता / SHIFT CHARGE ENGINEER