

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 23.04.2013
Date of Reporting : 24.04.2013

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 |
| 33560 | 1965 | 35525 | 49.99 | 28166 | 2079 | 30245 | 50.07 | 723.3 | 52.14 |

* 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 | 50.33 | 2.97 | | 53.30 | 47.96 | 49.97 | 2.00 | 103.27 | 1.22 |
| Haryana | 54.41 | 0.60 | | 55.00 | 41.40 | 40.82 | -0.59 | 95.82 | 0.13 |
| Rajasthan | 83.25 | 0.00 | 3.64 | 86.89 | 50.42 | 51.36 | 0.94 | 138.25 | 1.00 |
| Delhi | 26.12 | | | 26.12 | 54.69 | 51.00 | -3.69 | 77.12 | 0.00 |
| UP | 123.54 | 4.79 | 14.40 | 142.72 | 78.94 | 76.53 | -2.41 | 219.26 | 46.92 |
| Uttarakhand | | 11.68 | | 11.68 | 18.35 | 20.13 | 1.78 | 31.80 | 1.13 |
| HP | | 11.49 | | 11.49 | 13.76 | 13.10 | -0.67 | 24.58 | 0.04 |
| J & K | | 10.75 | 0.00 | 10.75 | 19.78 | 18.10 | -1.68 | 28.85 | 1.70 |
| Chandigarh | | | | 0.00 | 4.27 | 4.31 | 0.04 | 4.31 | 0.00 |
| Total | 337.65 | 42.26 | 18.04 | 397.94 | 329.58 | 325.32 | -4.26 | 723.26 | 52.14 |

* 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 | |
| Punjab | 4709 | 205 | -58 | 133 | 4512 | 0 | 100 | 619 | 8.70 |
| Haryana | 5064 | 0 | -65 | 139 | 3840 | 0 | 147 | -288 | -5.91 |
| Rajasthan | 6208 | 0 | -121 | 667 | 5401 | 136 | 110 | 181 | 9.12 |
| Delhi | 3580 | 0 | -325 | -239 | 2637 | 0 | -194 | -817 | -12.13 |
| UP | 9555 | 1660 | -73 | -24 | 8647 | 1943 | -263 | 285 | 2.35 |
| Uttarakhand | 1597 | 0 | 128 | 428 | 1234 | 0 | 89 | 424 | 9.61 |
| HP | 1075 | 0 | -129 | -482 | 823 | 0 | -1 | 74 | -2.53 |
| J&K | 1569 | 100 | 15 | -143 | 940 | 0 | -103 | -109 | -2.55 |
| Chandigarh | 203 | 0 | -18 | 0 | 132 | 0 | 0 | 15 | 0.58 |
| Total | 33560 | 1965 | -645 | 478 | 28166 | 2079 | -114 | 384 | 7.25 |

* 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 | 1250 | 1362 | 1360 | 30.43 | 1268 | 30.00 | 0.43 |
| | Rihand I STPS | 1000 | 872 | 1002 | 1010 | 20.74 | 864 | 20.92 | -0.18 |
| | Rihand II STPS | 1000 | 970 | 1035 | 1042 | 23.31 | 971 | 23.28 | 0.03 |
| | Rihand III STPS | 500 | 155 | 82 | 0 | 3.60 | 150 | 2.99 | 0.61 |
| | Dadri I STPS | 840 | 590 | 645 | 508 | 13.44 | 560 | 14.04 | -0.60 |
| | Dadri II STPS | 980 | 969 | 4025 | 1000 | 22.91 | 955 | 23.20 | -0.29 |
| | Unchahar I TPS | 420 | 398 | 439 | 421 | 9.33 | 389 | 9.47 | -0.15 |
| | Unchahar II TPS | 420 | 400 | 439 | 424 | 9.23 | 384 | 9.41 | -0.19 |
| | Unchahar III TPS | 210 | 0 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 |
| | ISTPP (Jhajjar) | 1500 | 995 | 716 | 665 | 14.62 | 609 | 12.21 | 2.41 |
| | Dadri GPS | 830 | 806 | 361 | 391 | 9.11 | 380 | 9.58 | -0.46 |
| | Anta GPS | 419 | 392 | 245 | 247 | 5.93 | 247 | 6.05 | -0.12 |
| | Auraiva GPS | 663 | 624 | 306 | 309 | 7.33 | 305 | 7.35 | -0.02 |
| | Sub Total (A) | 10782 | 8420 | 10657 | 7377 | 169.97 | 7082 | 168.50 | 1.46 |
| | B. NPC | NAPS | 440 | 297 | 333 | 331 | 7.16 | 298 | 7.12 |
| RAPS- B | | 440 | 419 | 460 | 460 | 9.97 | 416 | 10.06 | -0.08 |
| RAPS- C | | 440 | 435 | 471 | 475 | 10.12 | 422 | 10.44 | -0.32 |
| Sub Total (B) | | 1320 | 1151 | 1264 | 1266 | 27.26 | 1136 | 27.61 | -0.36 |
| C. NHPC | Chamera I HPS | 540 | 510 | 360 | 0 | 5.23 | 218 | 5.37 | -0.14 |
| | Chamera II HPS | 300 | 310 | 313 | 0 | 2.86 | 119 | 2.69 | 0.17 |
| | Chamera III HPS | 231 | 231 | 231 | 0 | 2.11 | 88 | 2.02 | 0.09 |
| | Bairasuil HPS | 180 | 182 | 182 | 100 | 1.89 | 79 | 1.85 | 0.04 |
| | Salal-HPS | 690 | 311 | 520 | 257 | 7.69 | 320 | 7.47 | 0.22 |
| | Tanakpur-HPS | 94 | 31 | 50 | 29 | 0.78 | 32 | 0.74 | 0.03 |
| | Uri-HPS | 480 | 480 | 480 | 478 | 11.62 | 484 | 11.32 | 0.30 |
| | Dhauliganga-HPS | 280 | 280 | 286 | 0 | 1.77 | 74 | 1.68 | 0.10 |
| | Dulhasti-HPS | 390 | 387 | 404 | 0 | 5.63 | 235 | 5.44 | 0.19 |
| | Sewa-II HPS | 120 | 119 | 121 | 40 | 2.39 | 100 | 2.27 | 0.12 |
| | Sub Total (C) | 3305 | 2841 | 2947 | 904 | 41.96 | 1749 | 40.85 | 1.11 |
| | D.NJPC | Natpda Jhakri | 1500 | 1605 | 1566 | 0 | 17.12 | 713 | 16.70 |
| Sub Total (D) | | 1500 | 1605 | 1566 | 0 | 17.12 | 713 | 16.70 | 0.42 |
| E. THDC | Tehri HPS | 1000 | 340 | 340 | 0 | 6.58 | 274 | 6.50 | 0.08 |
| | Koteshwar HPS | 400 | 247 | 251 | 0 | 3.02 | 126 | 3.00 | 0.02 |
| | Sub Total (E) | 1400 | 587 | 591 | 0 | 9.60 | 400 | 9.50 | 0.10 |
| F. BBMB | Bhakra HPS | 1480 | 285 | 303 | 303 | 7.25 | 302 | 6.84 | 0.41 |
| | Dehar HPS | 990 | 295 | 825 | 140 | 7.24 | 302 | 7.07 | 0.17 |
| | Pong HPS | 396 | 10 | 120 | 0 | 0.33 | 14 | 0.25 | 0.08 |
| | Sub Total (F) | 2866 | 590 | 1248 | 443 | 14.82 | 618 | 14.16 | 0.66 |
| G. IPP(s)/JV(s) | ADHPL HPS(IPP) | 192 | 0 | 77 | 30 | 1.00 | 42 | 0.96 | 0.03 |
| | KWHEP HPS(IPP) | 1000 | 0 | 800 | 0 | 9.65 | 402 | 9.31 | 0.34 |
| | Malana Stg-II HPS | 100 | 0 | 111 | 0 | 0.49 | 21 | 0.44 | 0.05 |
| | Shree Cement TPS | 300 | 0 | 267 | 262 | 5.78 | 241 | 5.85 | -0.07 |
| | Budhil HPS(IPP) | 70 | 0 | 69 | 69 | 0.55 | 23 | 0.55 | 0.00 |
| | Sub Total (G) | 1662 | 0 | 1324 | 361 | 17.47 | 728 | 17.12 | 0.35 |
| H. Total Regional Entities (A-G) | 22836 | 15193 | 19597 | 10351 | 298.20 | 12425 | 294.45 | 3.75 | |

| 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 | 1052 | 842 | 22.55 | 940 |
| | Guru Nanak Dev TPS(Bhatinda) | 440 | 335 | 336 | 6.89 | 287 |
| | Guru Hargobind Singh TPS(L.mbt) | 920 | 969 | 959 | 20.89 | 870 |
| | Thermal (Total) | 2620 | 2356 | 2137 | 50.33 | 2097 |
| | Total Hydro | 1148 | 180 | 180 | 2.97 | 124 |
| | Total Punjab | 3768 | 2536 | 2317 | 53.30 | 2221 |
| Haryana | Panipat TPS | 1367 | 653 | 658 | 15.53 | 647 |
| | DCRTPP (Yamuna nagar) | 600 | 565 | 559 | 12.88 | 537 |
| | Faridabad GPS (NTPC) | 432 | 187 | 155 | 4.12 | 172 |
| | RGTPP (khedar) (IPP) | 1200 | 551 | 476 | 12.55 | 523 |
| | Magnum Diesel (IPP) | 25 | 0 | 0 | 0.00 | 0 |
| | Jhajjar(CLP) | 1320 | 502 | 374 | 9.33 | 389 |
| | Thermal (Total) | 4944 | 2458 | 2222 | 54.41 | 2267 |
| | Total Hydro | 62 | 19 | 24 | 0.60 | 25 |
| | Total Haryana | 5006 | 2477 | 2246 | 55.00 | 2292 |
| | Rajasthan | kota TPS | 1240 | 1174 | 1074 | 26.88 |
| suratgarh TPS | | 1500 | 1131 | 1137 | 26.07 | 1086 |
| Chabra TPS | | 500 | 417 | 228 | 8.14 | 339 |
| Dholpur GPS | | 330 | 139 | 126 | 3.28 | 137 |
| Ramgarh GPS | | 111 | 28 | 30 | 1.54 | 64 |
| RAPS A (NPC) | | 300 | 0 | 0 | 0.00 | 0 |
| Barsingsar (NLC) | | 250 | 110 | 106 | 2.56 | 107 |
| Giral LTPS | | 250 | 57 | 44 | 1.23 | 51 |
| Rajwest LTPS (IPP) | | 1080 | 591 | 578 | 13.56 | 565 |
| VSLP LTPS (IPP) | | 135 | 0 | 0 | 0.00 | 0 |
| Thermal (Total) | | 5696 | 3647 | 3323 | 83.25 | 3469 |
| Total Hydro | | 550 | 0 | 0 | 0.00 | 0 |
| Wind power | | 2191 | 1 | 183 | 1.46 | 61 |
| Biomass | | 91 | 33 | 33 | 0.80 | 33 |
| Solar | | 201 | 0 | 0 | 1.38 | 58 |
| Renewable/Others (Total) | | 2483 | 34 | 216 | 3.64 | 152 |
| Total Rajasthan | | 8729 | 3681 | 3539 | 86.89 | 3620 |
| UP | | Anpara TPS | 1630 | 1400 | 1397 | 29.60 |
| | Obra TPS | 1382 | 560 | 538 | 12.00 | 500 |
| | Paricha TPS | 890 | 828 | 841 | 17.90 | 746 |
| | Panki TPS | 210 | 80 | 80 | 1.70 | 71 |
| | Harduaganj TPS | 665 | 303 | 300 | 6.40 | 267 |
| | Tanda TPS (NTPC) | 440 | 406 | 401 | 9.83 | 410 |
| | Roza TPS (IPP) | 1200 | 540 | 531 | 13.02 | 542 |
| | Anpara-C (IPP) | 1200 | 1009 | 1053 | 24.72 | 1030 |
| | Bajaj Energy Pvt.Ltd(IPP) TPS | 450 | 378 | 342 | 8.37 | 349 |
| | Thermal (Total) | 8067 | 5504 | 5483 | 123.54 | 5147 |
| | Vishnuparyag HPS (IPP) | 400 | 148 | 139 | 3.22 | 134 |
| | Other Hydro | 527 | 73 | 61 | 1.57 | 66 |
| | Cogeneration | 981 | 600 | 600 | 14.40 | 600 |
| | Total UP | 9975 | 6325 | 6283 | 142.72 | 5813 |
| Uttarakhand | Total Hydro | 1303 | 550 | 466 | 11.68 | 487 |
| | Total Uttarakhand | 1303 | 550 | 466 | 11.68 | 487 |
| Delhi | Rajghat TPS | 135 | 105 | 101 | 2.41 | 100 |
| | Delhi Gas Turbine | 282 | 192 | 193 | 4.62 | 193 |
| | Pragati Gas Turbine | 330 | 265 | 150 | 6.08 | 253 |
| | Rithala GPS | 108 | 0 | 0 | 0.00 | 0 |
| | Bawana GPS | 677 | 0 | 0 | 0.00 | 0 |
| | Badarpur TPS (NTPC) | 705 | 595 | 595 | 13.00 | 542 |
| | Thermal (Total) | 2237 | 1157 | 1039 | 26.12 | 1088 |
| | Total Delhi | 2237 | 1157 | 1039 | 26.12 | 1088 |
| HP | Baspa HPS (IPP) | 330 | 59 | 78 | 2.11 | 88 |
| | Malana HPS (IPP) | 86 | 86 | 6 | 0.50 | 21 |
| | Other Hydro | 589 | 335 | 362 | 8.88 | 370 |
| | Total HP | 1005 | 480 | 446 | 11.49 | 479 |
| J & K | Baglihar HPS (IPP) | 450 | 384 | 384 | 9.18 | 383 |
| | Other Hydro | 323 | 50 | 98 | 1.57 | 65 |
| | Gas/Diesel/Others | 183 | 0 | 0 | 0.00 | 0 |
| | Total J & K | 956 | 434 | 482 | 10.75 | 448 |
| Total State Control Area Generation | | 32979 | 17640 | 16818 | 397.94 | 16447 |
| J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)] | | | 1094 | 2516 | 39.75 | 1656 |
| Total Regional Availability(Gross) | | 55815 | 38331 | 29685 | 735.89 | 30528 |

IV. Total Hydro Generation:

| | | | | | |
|-----------------------------|--------------|-------------|-------------|---------------|-------------|
| Regional Entities Hydro | 10364 | 7340 | 1377 | 94.64 | 3943 |
| State Control Area Hydro | 5368 | 1736 | 1659 | 42.26 | 1627 |
| Total Regional Hydro | 15731 | 9076 | 3036 | 136.90 | 5570 |

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 | -100 | -100 | 0 | 100 | 0.00 | 2.45 | -2.45 |
| Gwalior-Agra (D/C) | 250 | 914 | 1049 | 0 | 13.38 | 0.00 | 13.38 |
| Zerda-Kankroli | -217 | -159 | 0 | 382 | 0.00 | 6.03 | -6.03 |
| Zerda-Bhinmal | -166 | -119 | 46 | 341 | 0.00 | 4.49 | -4.49 |
| Malanpur-Auraiya | -140 | -87 | 0 | 157 | 0.00 | 2.55 | -2.55 |
| Badod-Kota/Morak | -104 | -83 | 0 | 202 | 0.00 | 2.92 | -2.92 |
| Mundra-Mohindergarh(HVDC) | 1189 | 1186 | 1200 | 0 | 28.74 | 0.00 | 28.74 |
| Sub Total WR | 712 | 1552 | | | 42.12 | 18.44 | 23.68 |
| Pusauli Bypass | 200 | 200 | 200 | 0 | 4.81 | 0.00 | 4.81 |
| MZP- GKP (D/C) | 24 | 288 | 414 | 0 | 4.46 | 0.00 | 4.46 |
| Patna-Balia(D/C) | 128 | 371 | 456 | 0 | 6.21 | 0.00 | 6.21 |
| B'Sharif-Balia (D/C) | 34 | 107 | 166 | 0 | 1.00 | 0.00 | 1.00 |
| Pusauli-Balia | -110 | -89 | 0 | 147 | 0.00 | 2.67 | -2.67 |
| Gaya-Fatehpur (765 Kv) | 14 | 8 | 67 | 69 | 0.35 | 0.00 | 0.35 |
| Pusauli-Sahupuri | 128 | 119 | 139 | 0 | 2.65 | 0.00 | 2.65 |
| K'nasa-Sahupuri | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Son Ngr-Rihand | -36 | -40 | 0 | 44 | 0.00 | 0.75 | -0.75 |
| Garhwa-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Sub Total ER | 382 | 964 | | | 19.49 | 3.42 | 16.07 |
| Total IR Exch | 1094 | 2516 | | | 61.61 | 21.86 | 39.75 |

V(B). Inter Regional Schedule & Actual Exchanges [Import (+ve)/Export (-ve)] [Corridor wise]

| ER | ISGS/LT Schedule (MU) | | Bilateral Schedule (MU) | | Power Exchange Shdi (MU) | | Wheeling (MU) | |
|-------|-----------------------|-------|-------------------------|------------|--------------------------|------------|---------------|------------|
| | Bhutan | Total | Through ER | Through WR | Through ER | Through WR | Through ER | Through WR |
| 28.14 | 0.00 | 28.14 | -3.68 | -10.14 | 3.61 | 2.70 | -2.30 | 2.35 |

| 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 |
| 25.77 | 22.26 | 48.03 | 16.07 | 23.68 | 39.75 | -9.70 | 1.42 | -8.27 |

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 | 3.58 | 99.48 | 95.90 | 65.14 | 0.52 |

| <----- 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 | | | | |
| 50.42 | 19.03 | 49.61 | 19.14 | 50.04 | 0.16 | 0.09 | 50.20 | 49.78 |

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 | 412 | 2:06 | 404 | 23:09 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gorakhpur | 400 | 430 | 0:34 | 411 | 5:44 | 0.0 | 0.0 | 40.7 | 0.0 |
| Bareilly | 400 | 421 | 1:59 | 402 | 19:26 | 0.0 | 0.0 | 0.2 | 0.0 |
| Kanpur | 400 | 421 | 1:58 | 401 | 19:25 | 0.0 | 0.0 | 0.1 | 0.0 |
| Dadri | 400 | 421 | 3:04 | 404 | 19:42 | 0.0 | 0.0 | 1.1 | 0.0 |
| Balabhgarh | 400 | 427 | 1:55 | 408 | 19:25 | 0.0 | 0.0 | 27.3 | 0.0 |
| Bawana | 400 | 421 | 3:03 | 403 | 19:25 | 0.0 | 0.0 | 0.8 | 0.0 |
| Bassi | 400 | 428 | 1:57 | 406 | 19:24 | 0.0 | 0.0 | 23.2 | 0.0 |
| Hissar | 400 | 413 | 1:59 | 396 | 19:24 | 0.0 | 0.0 | 0.0 | 0.0 |
| Moga | 400 | 417 | 1:59 | 400 | 19:24 | 0.0 | 0.0 | 0.0 | 0.0 |
| Abdullapur | 400 | 422 | 3:00 | 234 | 23:13 | 0.1 | 0.1 | 8.4 | 0.0 |
| Nalagarh | 400 | 420 | 2:16 | 403 | 19:14 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kishenpur | 400 | 416 | 1:59 | 395 | 19:38 | 0.0 | 0.0 | 0.0 | 0.0 |
| Wagoora | 400 | 415 | 3:29 | 384 | 19:35 | 0.0 | 9.5 | 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 | 765 | 1:55 | 733 | 19:24 | 0.0 | 0.0 | 100.0 | 100.0 |
| Balia | 765 | 775 | 11:02 | 731 | 5:47 | 0.0 | 0.0 | 100.0 | 100.0 |
| Moga | 765 | 783 | 1:59 | 747 | 19:27 | 0.0 | 0.0 | 100.0 | 100.0 |
| Agra | 765 | 781 | 18:02 | 745 | 5:42 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bhiwani | 765 | 793 | 13:29 | 762 | 5:40 | 0.0 | 0.0 | 0.0 | 0.0 |
| Unnao | 765 | 758 | 18:17 | 730 | 5:42 | 0.0 | 37.1 | 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 | 479.57 | 447.73 | 474.53 | 345.61 | 336.97 | 219.46 |
| Pong | 426.72 | 384.05 | 400.36 | 230.85 | 403.28 | 296.79 | 61.82 | 22.65 |
| Tehri | 829.79 | 740.04 | 763.50 | 303.00 | 818.65 | 982.26 | 66.24 | 200.00 |
| Koteshwar | 612.50 | 598.50 | 600.30 | 0.45 | 610.65 | 4.95 | 200.00 | 200.00 |
| Chamera-I | 760.00 | 748.75 | NA | NA | NA | NA | 126.67 | 141.62 |
| Rihand | 268.22 | 252.98 | 257.13 | 163.30 | 258.44 | 222.50 | NA | NA |
| RPS | 352.80 | 343.81 | 345.95 | NA | NA | NA | NA | NA |
| Jawahar Sagar | 298.70 | 295.78 | 298.09 | NA | NA | NA | NA | NA |
| RSD | 527.91 | 487.91 | 506.82 | NA | 496.56 | NA | 150.28 | 4.13 |

* NA: Not Available

X. System Constraints:

XI. Grid Disturbance / Any Other Significant Event:

XII. Weather Conditions For 23.04.2013 :
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 :

Report for : 23.04.2013

पारी प्रभाती अश्विनी / SHIFT CHARGE ENGINEER