

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 25.04.2014
Date of Reporting : 26.04.2014

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 |
| 36446 | 3436 | 39882 | 49.93 | 32776 | 1520 | 34296 | 49.99 | 800.6 | 53.85 |

* 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:

UI [OD:(+ve), UD: (-ve)]

| 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 | 42.87 | 6.80 | | 49.67 | 60.14 | 60.31 | 0.18 | 109.98 | 0.19 |
| Haryana | 54.90 | 0.59 | | 55.48 | 50.02 | 50.42 | 0.40 | 105.90 | 1.74 |
| Rajasthan | 105.15 | 0.06 | 0.49 | 105.70 | 50.50 | 51.91 | 1.41 | 157.61 | 0.70 |
| Delhi | 17.22 | | | 17.22 | 63.46 | 63.63 | 0.17 | 80.85 | 0.32 |
| UP | 131.94 | 5.89 | 7.20 | 145.03 | 103.71 | 108.57 | 4.85 | 253.60 | 48.60 |
| Uttarakhand | | 9.52 | | 9.52 | 22.56 | 23.70 | 1.14 | 33.22 | 0.60 |
| HP | | 12.53 | | 12.53 | 12.13 | 12.13 | 0.01 | 24.67 | 0.00 |
| J & K | | 13.65 | 0.00 | 13.65 | 19.83 | 16.99 | -2.84 | 30.63 | 1.70 |
| Chandigarh | | | | 0.00 | 3.33 | 4.16 | 0.83 | 4.16 | 0.00 |
| Total | 352.07 | 49.04 | 7.69 | 408.80 | 385.67 | 391.81 | 6.14 | 800.61 | 53.85 |

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

II. B. State's Demand Met in MWs:

UI/OA/PX [OD/Import: (+ve), UD/Export: (-ve)]

| 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 | 5107 | 0 | -97 | 338 | 4889 | 0 | 64 | 533 | 2.44 | |
| Haryana | 5332 | 511 | 90 | 314 | 4597 | 0 | 2 | -246 | -1.90 | |
| Rajasthan | 7038 | 0 | -68 | 195 | 6062 | 0 | -8 | -124 | 0.76 | |
| Delhi | 3813 | 0 | -24 | 36 | 2748 | 0 | -76 | -493 | -4.24 | |
| UP | 10897 | 2665 | 217 | 634 | 11135 | 1520 | 361 | 1261 | 19.28 | |
| Uttarakhand | 1577 | 160 | 106 | 426 | 1290 | 0 | 69 | 418 | 10.80 | |
| HP | 1054 | 0 | -138 | -393 | 839 | 0 | -8 | -113 | -4.02 | |
| J&K | 1420 | 100 | -137 | -229 | 1098 | 0 | -189 | -230 | -5.53 | |
| Chandigarh | 208 | 0 | 16 | 0 | 119 | 0 | -22 | 0 | 0.00 | |
| Total | 36446 | 3436 | -35 | 1320 | 32776 | 1520 | 192 | 1006 | 17.58 | |

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

III. Regional Entities :

UI [OG:(+ve), UG: (-ve)]

| 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 | Net MU |
| A. NTPC | | | | | | | | | |
| Singrauli STPS | 2000 | 1582 | 1640 | 1871 | 38.28 | 1595 | 37.93 | | 0.35 |
| Rihand I STPS | 1000 | 850 | 946 | 936 | 20.90 | 871 | 20.32 | | 0.58 |
| Rihand II STPS | 1000 | 950 | 1038 | 1036 | 23.21 | 967 | 22.75 | | 0.47 |
| Rihand III STPS | 1000 | 867 | 947 | 926 | 20.99 | 874 | 20.70 | | 0.28 |
| Dadri I STPS | 840 | 813 | 878 | 871 | 18.88 | 787 | 19.37 | | -0.49 |
| Dadri II STPS | 980 | 473 | 473 | 480 | 10.84 | 452 | 11.13 | | -0.29 |
| Unchahar I TPS | 420 | 408 | 425 | 428 | 9.41 | 392 | 9.73 | | -0.32 |
| Unchahar II TPS | 420 | 204 | 205 | 195 | 4.42 | 184 | 4.80 | | -0.38 |
| Unchahar III TPS | 210 | 204 | 212 | 204 | 4.51 | 188 | 4.80 | | -0.29 |
| ISTPP (Jhajjar) | 1500 | 1000 | 324 | 514 | 9.98 | 416 | 10.22 | | -0.24 |
| Dadri GPS | 830 | 805 | 178 | 178 | 4.10 | 171 | 4.40 | | -0.30 |
| Anta GPS | 419 | 389 | 248 | 249 | 5.64 | 235 | 5.59 | | 0.05 |
| Auraiya GPS | 663 | 645 | 153 | 133 | 3.44 | 143 | 3.50 | | -0.06 |
| Dadri Solar | 5 | | 0 | 0 | 0.00 | 0 | | | 0.00 |
| Unchahar Solar | 10 | | 0 | 0 | 0.00 | 0 | | | 0.00 |
| Sub Total (A) | 11297 | 9190 | 7667 | 8021 | 175 | 7275 | 175 | | -1 |
| B. NPC | | | | | | | | | |
| NAPS | 440 | 148 | 173 | 170 | 3.50 | 146 | 3.55 | | -0.05 |
| RAPS- B | 440 | 410 | 451 | 443 | 9.69 | 404 | 9.84 | | -0.15 |
| RAPS- C | 440 | 420 | 463 | 460 | 9.86 | 411 | 10.08 | | -0.22 |
| Sub Total (B) | 1320 | 978 | 1087 | 1073 | 23.05 | 961 | 23.47 | | -0.42 |
| C. NHPC | | | | | | | | | |
| Chamera I HPS | 540 | 537 | 180 | 540 | 7.63 | 318 | 7.50 | | 0.13 |
| Chamera II HPS | 300 | 300 | 0 | 303 | 4.63 | 193 | 4.50 | | 0.13 |
| Chamera III HPS | 231 | 231 | 0 | 227 | 2.89 | 120 | 2.80 | | 0.09 |
| Bairasui HPS | 180 | 122 | 122 | 122 | 2.87 | 120 | 2.85 | | 0.02 |
| Salal-HPS | 690 | 428 | 409 | 460 | 10.47 | 436 | 10.27 | | 0.20 |
| Tanakpur-HPS | 94 | 22 | 25 | 21 | 0.57 | 24 | 0.54 | | 0.03 |
| Uri-HPS | 480 | 475 | 473 | 477 | 11.52 | 480 | 11.40 | | 0.12 |
| Uri-II HPS | 240 | 165 | 191 | 195 | 4.13 | 172 | 3.96 | | 0.17 |
| Dhauliganga-HPS | 280 | 0 | 0 | 0 | 0.00 | 0 | 0.00 | | 0.00 |
| Dulhasti-HPS | 390 | 387 | 0 | 412 | 5.91 | 246 | 5.50 | | 0.41 |
| Sewa-II HPS | 120 | 122 | 130 | 130 | 3.09 | 129 | 2.93 | | 0.16 |
| Parbati 3 | 390 | 260 | 0 | 129 | 1.33 | 55 | 1.25 | | 0.08 |
| Sub Total © | 3935 | 3049 | 1530 | 3016 | 55 | 2292 | 53 | | 2 |
| D. SJVNL | | | | | | | | | |
| NJPC | 1500 | 1605 | 377 | 1204 | 13.15 | 548 | 12.81 | | 0.34 |
| Rampur HEP | 206 | | 0 | 0 | 0.00 | 0 | | | 0.00 |
| Sub Total (D) | 1706 | 1605 | 377 | 1204 | 13.15 | 548 | 12.81 | | 0.34 |
| E. THDC | | | | | | | | | |
| Tehri HPS | 1000 | 495 | 161 | 501 | 7.43 | 310 | 7.30 | | 0.13 |
| Koteshwar HPS | 400 | 150 | 0 | 302 | 3.60 | 150 | 3.60 | | 0.00 |
| Sub Total (E) | 1400 | 645 | 161 | 803 | 11.03 | 460 | 10.90 | | 0.13 |
| F. BBMB | | | | | | | | | |
| Bhakra HPS | 1514 | 283 | 279 | 467 | 7.43 | 310 | 6.78 | | 0.65 |
| Dehar HPS | 990 | 381 | 495 | 495 | 10.10 | 421 | 9.14 | | 0.96 |
| Pong HPS | 396 | 23 | 0 | 184 | 0.64 | 27 | 0.54 | | 0.10 |
| Sub Total (F) | 2900 | 686 | 774 | 1146 | 18.17 | 757 | 16.46 | | 1.71 |
| G. IPP(s)/JV(s) | | | | | | | | | |
| ADHPL HPS(IPP) | 192 | 0 | 65 | 174 | 0.85 | 36 | 0.79 | | 0.07 |
| KWHEP HPS(IPP) | 1000 | 0 | 150 | 853 | 6.75 | 281 | 6.46 | | 0.30 |
| Malana Stg-II HPS | 100 | 0 | 0 | 111 | 0.51 | 21 | 0.48 | | 0.03 |
| Shree Cement TPS | 300 | 0 | 282 | 285 | 6.93 | 289 | 6.89 | | 0.04 |
| Budhil HPS(IPP) | 70 | 0 | 12 | 15 | 0.69 | 29 | 0.64 | | 0.05 |
| Sub Total (G) | 1662 | 0 | 509 | 1438 | 15.73 | 655 | 15.25 | | 0.48 |
| H. Total Regional Entities (A-G) | 24221 | 16153 | 12105 | 16701 | 310.75 | 12948 | 307.62 | | 3.13 |

| 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 | 560 | 900 | 16.79 | 700 |
| | Guru Nanak Dev TPS(Bhatinda) | 440 | 90 | 90 | 2.13 | 89 |
| | Guru Hargobind Singh TPS(L.mbt) | 920 | 306 | 381 | 8.39 | 349 |
| | Goindwal(GVK) | | 0 | 0 | 0.00 | 0 |
| | Rajpura | 700 | 657 | 660 | 15.55 | 648 |
| | Talwandi Saboo | 660 | 0 | 0 | 0.00 | 0 |
| | Thermal (Total) | 3980 | 1613 | 2031 | 43 | 1786 |
| | Total Hydro | 1148 | 258 | 219 | 6.80 | 283 |
| Total Punjab | 5128 | 1871 | 2250 | 49.67 | 2070 | |
| Haryana | Panipat TPS | 1367 | 408 | 624 | 11.92 | 497 |
| | DCRTPP (Yamuna nagar) | 600 | 556 | 571 | 12.80 | 533 |
| | Faridabad GPS (NTPC) | 432 | 178 | 173 | 4.17 | 174 |
| | RGTPP (khedar) (IPP) | 1200 | 594 | 595 | 12.90 | 538 |
| | Magnum Diesel (IPP) | 25 | 0 | 0 | 0.00 | 0 |
| | Jhajjar(CLP) | 1320 | 619 | 611 | 13.11 | 546 |
| | Thermal (Total) | 4944 | 2355 | 2574 | 55 | 2287 |
| | Total Hydro | 62 | 23 | 24 | 0.59 | 25 |
| | Total Haryana | 5006 | 2378 | 2598 | 55.48 | 2312 |
| | Rajasthan | kota TPS | 1240 | 1161 | 995 | 26.21 |
| suratgarh TPS | | 1500 | 1087 | 1076 | 25.77 | 1074 |
| Chabra TPS | | 750 | 374 | 389 | 10.23 | 426 |
| Dholpur GPS | | 330 | 132 | 130 | 3.24 | 135 |
| Ramgarh GPS | | 221 | 73 | 70 | 1.69 | 71 |
| RAPS A (NPC) | | 300 | 0 | 0 | 0.00 | 0 |
| Barsingsar (NLC) | | 250 | 0 | 0 | 0.00 | 0 |
| Giral LTPS | | 250 | 71 | 71 | 1.61 | 67 |
| Rajwest LTPS (IPP) | | 1080 | 767 | 929 | 21.30 | 888 |
| VSLP LTPS (IPP) | | 135 | 0 | 0 | 0.00 | 0 |
| Kalisindh Thermal | | 600 | 0 | 0 | 0.00 | 0 |
| Kawai(Adani) | | 1320 | 600 | 620 | 15.09 | 629 |
| Thermal (Total) | | 7976 | 4265 | 4280 | 105 | 4381 |
| Total Hydro | | 550 | 0 | 23 | 0.06 | 3 |
| Wind power | | 2191 | 286 | 80 | 4.11 | 171 |
| Biomass | | 91 | 25 | 25 | 0.61 | 25 |
| Solar | | 201 | 0 | 0 | 0.21 | 9 |
| Renewable/Others (Total) | | 2483 | 311 | 105 | 0.49 | 20 |
| Total Rajasthan | 11009 | 4576 | 4408 | 105.70 | 4404 | |
| UP | Anpara TPS | 1630 | 1516 | 1561 | 32.90 | 1371 |
| | Obra TPS | 1288 | 417 | 240 | 8.20 | 342 |
| | Paricha TPS | 1140 | 885 | 865 | 18.80 | 783 |
| | Panki TPS | 210 | 80 | 85 | 1.80 | 75 |
| | Harduaganj TPS | 665 | 380 | 379 | 8.20 | 342 |
| | Tanda TPS (NTPC) | 440 | 280 | 272 | 6.88 | 287 |
| | Roza TPS (IPP) | 1200 | 1134 | 1134 | 27.00 | 1125 |
| | Anpara-C (IPP) | 1200 | 874 | 886 | 18.86 | 786 |
| | Bajaj Energy Pvt.Ltd(IPP) TPS | 450 | 401 | 401 | 9.30 | 388 |
| | Thermal (Total) | 8223 | 5967 | 5823 | 132 | 5498 |
| | Vishnuparyag HPS (IPP) | 400 | 108 | 108 | 2.44 | 102 |
| | Other Hydro | 527 | 152 | 152 | 3.45 | 144 |
| | Cogeneration | 981 | 300 | 300 | 7.20 | 300 |
| | Total UP | 10131 | 6527 | 6383 | 145.03 | 5941 |
| Uttarakhand | Total Hydro | 1303 | 336 | 464 | 9.52 | 397 |
| | Total Uttarakhand | 1303 | 336 | 464 | 9.52 | 397 |
| Delhi | Rajghat TPS | 135 | 107 | 108 | 2.54 | 106 |
| | Delhi Gas Turbine | 282 | 152 | 144 | 3.51 | 146 |
| | Pragati Gas Turbine | 330 | 99 | 93 | 2.27 | 95 |
| | Rithala GPS | 95 | 0 | 0 | 0.00 | 0 |
| | Bawana GPS | 1370 | 0 | 0 | 0.00 | 0 |
| | Badarpur TPS (NTPC) | 705 | 267 | 365 | 8.89 | 371 |
| | Thermal (Total) | 2917 | 625 | 710 | 17.22 | 717 |
| | Total Delhi | 2917 | 625 | 710 | 17.22 | 717 |
| HP | Baspa HPS (IPP) | 300 | 0 | 76 | 1.24 | 52 |
| | Malana HPS (IPP) | 86 | 22 | 86 | 0.59 | 24 |
| | Other Hydro | 728 | 436 | 486 | 10.71 | 446 |
| | Total HP | 1114 | 458 | 648 | 12.53 | 522 |
| J & K | Baglihar HPS (IPP) | 450 | 436 | 440 | 10.51 | 438 |
| | Other Hydro/IPP | 436 | 132 | 128 | 3.14 | 131 |
| | Gas/Diesel/Others | 209 | 0 | 0 | 0.00 | 0 |
| | Total J & K | 1094 | 568 | 568 | 13.65 | 569 |
| Total State Control Area Generation | | 37702 | 17339 | 18029 | 408.80 | 16932 |
| J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)] | | | 4315 | 4581 | 93.73 | 3906 |
| Total Regional Availability(Gross) | | 61923 | 33759 | 39311 | 813.28 | 33785 |

IV. Total Hydro Generation:

| | | | | | |
|-----------------------------|--------------|-------------|-------------|---------------|-------------|
| Regional Entities Hydro | 11233 | 3057 | 7307 | 105.49 | 4395 |
| State Control Area Hydro | 5589 | 1795 | 2098 | 49.04 | 1942 |
| Total Regional Hydro | 16823 | 4852 | 9405 | 154.52 | 6337 |

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 | 200 | 400 | 500 | 0 | 7.61 | 0.00 | 7.61 |
| Gwalior-Agra (D/C) | 1526 | 1876 | 1964 | 0 | 37.02 | 0.00 | 37.02 |
| Zerda-Kankroli | -219 | -224 | 0 | 351 | 0.00 | 6.27 | -6.27 |
| Zerda-Bhinmal | -160 | -167 | 0 | 287 | 0.00 | 4.60 | -4.60 |
| Malanpur-Auraiya | 149 | -15 | 0 | 50 | 0.00 | 0.91 | -0.91 |
| Badod-Kota/Morak | -82 | -185 | 0 | 215 | 0.00 | 3.00 | -3.00 |
| Mundra-Mohindergarh(HVDC) | 2002 | 1999 | 2004 | 0 | 48.33 | 0.00 | 48.33 |
| Sub Total WR | 3416 | 3684 | | | 92.97 | 14.78 | 78.19 |
| Pusauli Bypass | 400 | 400 | 400 | 0 | 9.56 | 0.00 | 9.56 |
| MZP- GKP (D/C) | 156 | 220 | 240 | 180 | 1.59 | 0.00 | 1.59 |
| Patna-Balia(D/C) | 447 | 478 | 555 | 0 | 9.30 | 0.00 | 9.30 |
| B'Sharif-Balia (D/C) | 89 | 85 | 162 | 41 | 0.63 | 0.00 | 0.63 |
| Pusauli-Balia | -142 | -126 | 0 | 164 | 0.00 | 3.18 | -3.18 |
| Gaya-Fatehpur (765 Kv) | -43 | -81 | 37 | 124 | 0.00 | 1.27 | -1.27 |
| Pusauli-Sahupuri | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| K'nasa-Sahupuri | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Son Ngr-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Garhwa-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Sasaram - Fatehpur(765 KV) | -8 | -79 | 56 | 113 | 0.00 | 1.08 | -1.08 |
| Sub Total ER | 899 | 897 | | | 21.08 | 5.53 | 15.54 |
| Total IR Exch | 4315 | 4581 | | | 114.04 | 20.31 | 93.73 |

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 |
| 37.30 | 0.18 | 37.48 | 3.45 | 0.87 | -10.18 | 10.71 | 0.00 | 0.00 |

| 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 |
| 30.75 | 62.71 | 93.46 | 15.54 | 78.19 | 93.73 | -15.21 | 15.48 | 0.27 |

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

| <49.2 | <49.7 | <49.8 | <49.9 | <50.0 | 49.9-50.05 | 50.05-50.10 | >50.10 | >50.20 | >50.50 |
|-------|-------|-------|-------|-------|------------|-------------|--------|--------|--------|
| 0.00 | 1.28 | 14.81 | 46.30 | 80.15 | 46.32 | 5.36 | 2.02 | 0.03 | 0.00 |

| 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 | | | | |
| 50.19 | 18.01 | 49.62 | 19.37 | 49.91 | 0.18 | 0.10 | 50.13 | 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 | 403 | 10:36 | 397 | 04:32 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gorakhpur | 400 | 0 | 00:00 | 9999 | 00:00 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bareilly | 400 | 416 | 08:03 | 397 | 19:13 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kanpur | 400 | 415 | 08:03 | 401 | 19:10 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dadri | 400 | 416 | 08:02 | 400 | 19:11 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ballabgarh | 400 | 425 | 07:31 | 407 | 19:33 | 0.0 | 0.0 | 28.3 | 0.0 |
| Bawana | 400 | 422 | 08:02 | 402 | 19:15 | 10.9 | 10.9 | 1.8 | 0.0 |
| Bassi | 400 | 426 | 04:17 | 404 | 11:17 | 0.0 | 0.0 | 20.8 | 0.0 |
| Hissar | 400 | 413 | 08:02 | 393 | 19:35 | 0.0 | 0.0 | 0.0 | 0.0 |
| Moga | 400 | 413 | 00:50 | 393 | 19:33 | 0.0 | 0.0 | 0.0 | 0.0 |
| Abdullapur | 400 | 423 | 08:03 | 404 | 19:10 | 0.0 | 0.0 | 2.2 | 0.0 |
| Nalagarh | 400 | 419 | 00:52 | 401 | 19:38 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kishenpur | 400 | 419 | 02:23 | 395 | 19:31 | 0.0 | 0.0 | 0.0 | 0.0 |
| Wagoora | 400 | 410 | 02:24 | 384 | 19:32 | 0.0 | 4.9 | 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 | 773 | 13:01 | 739 | 19:33 | 0.0 | 2.1 | 0.0 | 0.0 |
| Balia | 765 | 783 | 13:00 | 745 | 19:38 | 0.0 | 0.0 | 0.0 | 0.0 |
| Moga | 765 | 786 | 00:52 | 749 | 19:33 | 0.0 | 0.0 | 0.0 | 0.0 |
| Agra | 765 | 798 | 13:02 | 740 | 19:25 | 0.0 | 0.1 | 0.0 | 0.0 |
| Bhiwani | 765 | 0 | 00:00 | 9999 | 00:00 | 0.0 | 0.0 | 0.0 | 0.0 |
| Unnao | 765 | 759 | 13:04 | 733 | 19:35 | 0.0 | 24.5 | 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 (m³/s) | Usage (m³/s) |
| Bhakra | 513.59 | 445.62 | 483.12 | 536.06 | 479.80 | 454.47 | 363.73 | 240.04 |
| Pong | 426.72 | 384.05 | 402.48 | 273.51 | 400.36 | 230.85 | 69.09 | 42.76 |
| Tehri | 829.79 | 740.04 | 761.65 | 134.00 | 0.00 | 0.00 | 82.39 | 228.00 |
| Koteshwar | 612.50 | 598.50 | 611.27 | 5.20 | 0.00 | 0.00 | 228.00 | 239.00 |
| Chamera-I | 760.00 | 748.75 | 754.72 | 0.00 | 0.00 | 0.00 | 228.91 | 754.37 |
| Rihand | 268.22 | 252.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RPS | 352.80 | 343.81 | 347.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Jawahar Sagar | 298.70 | 295.78 | 298.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RSD | 527.91 | 487.91 | 516.55 | 0.00 | 507.32 | 0.00 | 222.71 | 179.13 |

* NA: Not Available

X. System Constraints:

XI. Grid Disturbance / Any Other Significant Event:

XII. Weather Conditions For 25.04.2014 :
Normal

XIII. Synchronisation of new generating units :
0.00

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 :
Dhauliganga (280MW) are out of operation since 16.06.2013.
Civil construction is in progress for rectification of the major damages in Plants/Dam caused due to flood
Dhauliganga expected by April, 2014 .

Report for : 25.04.2014

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER