

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 16.05.2014
Date of Reporting : 17.05.2014

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 |
| 36126 | 3308 | 39433 | 49.97 | 32893 | 1670 | 34563 | 50.02 | 820.1 | 72.17 |

* 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 | 20.32 | 15.02 | | 35.35 | 69.80 | 69.88 | 0.07 | 105.22 | 3.42 |
| Haryana | 24.34 | 0.23 | | 24.57 | 87.55 | 87.66 | 0.11 | 112.23 | 2.77 |
| Rajasthan | 113.53 | 0.09 | 6.54 | 120.15 | 43.67 | 41.99 | -1.69 | 162.14 | 0.00 |
| Delhi | 16.91 | | | 16.91 | 69.04 | 69.68 | 0.64 | 86.58 | 0.21 |
| UP | 125.53 | 9.09 | 2.40 | 137.02 | 117.57 | 121.70 | 4.13 | 258.72 | 61.51 |
| Uttarakhand | | 11.84 | | 11.84 | 19.72 | 20.73 | 1.01 | 32.57 | 2.44 |
| HP | | 15.62 | | 15.62 | 8.02 | 9.39 | 1.37 | 25.01 | 0.12 |
| J & K | | 13.68 | 0.00 | 13.68 | 18.16 | 19.47 | 1.31 | 33.14 | 1.70 |
| Chandigarh | | | | 0.00 | 4.49 | 4.51 | 0.02 | 4.51 | 0.00 |
| Total | 300.64 | 65.56 | 8.94 | 375.13 | 438.02 | 444.99 | 6.97 | 820.13 | 72.17 |

* 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 | 4708 | 25 | -9 | 102 | 4285 | 0 | -19 | 370 | 6.15 |
| Haryana | 5362 | 321 | 5 | 321 | 4603 | 321 | -30 | 119 | 6.01 |
| Rajasthan | 6675 | 0 | -264 | -75 | 5906 | 0 | 57 | -656 | -3.11 |
| Delhi | 3916 | 0 | 20 | 186 | 3077 | 0 | -8 | -425 | -1.00 |
| UP | 11026 | 2775 | 325 | 936 | 11626 | 1520 | 238 | 1695 | 20.64 |
| Uttarakhand | 1601 | 70 | 140 | 371 | 1227 | 150 | 13 | 229 | 6.70 |
| HP | 1006 | 17 | 0 | -897 | 870 | 0 | 73 | -594 | -15.81 |
| J&K | 1615 | 100 | 94 | -426 | 1162 | 0 | 69 | -567 | -11.86 |
| Chandigarh | 217 | 0 | 6 | 0 | 138 | 0 | -27 | 0 | 0.24 |
| Total | 36126 | 3308 | 317 | 518 | 32893 | 1670 | 366 | 170 | 7.96 |

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

III. Regional Entities :

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

| A. NTPC | Station/ Constituent | Inst. Capacity (Effective) MW | Declared Capacity(MW) | Peak MW (Gross) | Off Peak MW (Gross) | Energy (Net MU) | Average Schedule Sentout(MW) | Schedule Net MU | UI Net MU |
|---|-------------------------|----------------------------------|--------------------------|--------------------|------------------------|--------------------|------------------------------------|--------------------|--------------|
| | | Singrauli STPS | 2000 | 1687 | 1752 | 1788 | 40.41 | 1684 | 40.40 |
| | Rihand I STPS | 1000 | 816 | 928 | 899 | 19.96 | 832 | 19.35 | 0.62 |
| | Rihand II STPS | 1000 | 916 | 1029 | 1021 | 22.57 | 940 | 21.91 | 0.66 |
| | Rihand III STPS | 1000 | 697 | 496 | 832 | 16.54 | 689 | 16.58 | -0.04 |
| | Dadri I STPS | 840 | 813 | 807 | 762 | 18.26 | 761 | 19.16 | -0.90 |
| | Dadri II STPS | 980 | 980 | 789 | 943 | 21.07 | 878 | 21.82 | -0.76 |
| | Unchahar I TPS | 420 | 408 | 426 | 403 | 9.17 | 382 | 9.71 | -0.54 |
| | Unchahar II TPS | 420 | 408 | 420 | 400 | 9.21 | 384 | 9.62 | -0.41 |
| | Unchahar III TPS | 210 | 194 | 214 | 177 | 4.29 | 179 | 4.54 | -0.24 |
| | ISTPP (Jhajjar) | 1500 | 1000 | 1033 | 628 | 17.60 | 733 | 17.77 | -0.17 |
| | Dadri GPS | 830 | 797 | 177 | 184 | 4.12 | 172 | 4.37 | -0.26 |
| | Anta GPS | 419 | 391 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 |
| | Auraiya GPS | 663 | 431 | 135 | 154 | 3.45 | 144 | 3.52 | -0.07 |
| | Dadri Solar | 5 | 1 | 0 | 0 | 0.03 | 1 | 0.03 | 0.00 |
| | Unchahar Solar | 10 | 3 | 0 | 0 | 0.00 | 0 | 0.07 | -0.07 |
| | Sub Total (A) | 11297 | 9542 | 8206 | 8191 | 187 | 7778 | 189 | -2 |
| B. NPC | NAPS | 440 | 147 | 161 | 167 | 3.43 | 143 | 3.53 | -0.09 |
| | RAPS- B | 440 | 406 | 450 | 448 | 9.68 | 403 | 9.74 | -0.06 |
| | RAPS- C | 440 | 210 | 230 | 230 | 4.97 | 207 | 5.04 | -0.07 |
| | Sub Total (B) | 1320 | 763 | 841 | 845 | 18.08 | 753 | 18.31 | -0.23 |
| C. NHPC | Chamera I HPS | 540 | 535 | 540 | 540 | 12.94 | 539 | 12.84 | 0.10 |
| | Chamera II HPS | 300 | 300 | 297 | 202 | 5.63 | 235 | 5.60 | 0.03 |
| | Chamera III HPS | 231 | 229 | 230 | 134 | 3.47 | 145 | 3.35 | 0.12 |
| | Bairasui HPS | 180 | 180 | 180 | 180 | 3.97 | 165 | 3.83 | 0.14 |
| | Salal-HPS | 690 | 544 | 552 | 565 | 13.61 | 567 | 13.05 | 0.56 |
| | Tanakpur-HPS | 94 | 30 | 32 | 24 | 0.74 | 31 | 0.72 | 0.02 |
| | Uri-HPS | 480 | 475 | 477 | 477 | 11.56 | 482 | 11.40 | 0.16 |
| | Uri-II HPS | 240 | 240 | 247 | 246 | 5.82 | 243 | 5.76 | 0.06 |
| | Dhauliganga-HPS | 280 | 105 | 70 | 138 | 2.52 | 105 | 2.52 | 0.00 |
| | Dulhasti-HPS | 390 | 387 | 408 | 406 | 9.55 | 398 | 9.30 | 0.25 |
| | Sewa-II HPS | 120 | 122 | 131 | 130 | 3.09 | 129 | 2.93 | 0.16 |
| | Parbati 3 | 390 | 260 | 262 | 0 | 1.51 | 63 | 1.43 | 0.08 |
| | Sub Total © | 3935 | 3407 | 3426 | 3042 | 74 | 3100 | 73 | 2 |
| D. SJVNL | NJPC | 1500 | 1605 | 1262 | 407 | 16.55 | 689 | 16.29 | 0.26 |
| | Rampur HEP | 206 | | 213 | 97 | 2.16 | 90 | 4 | -1.34 |
| | Sub Total (D) | 1706 | 1605 | 1475 | 504 | 18.70 | 779 | 19.79 | -1.08 |
| E. THDC | Tehri HPS | 1000 | 412 | 408 | 279 | 8.10 | 338 | 8.00 | 0.10 |
| | Koteshwar HPS | 400 | 300 | 305 | 91 | 4.40 | 184 | 4.40 | 0.00 |
| | Sub Total (E) | 1400 | 712 | 713 | 370 | 12.50 | 521 | 12.40 | 0.10 |
| F. BBMB | Bhakra HPS | 1514 | 793 | 1315 | 637 | 19.47 | 811 | 18.84 | 0.63 |
| | Dehar HPS | 990 | 426 | 495 | 640 | 10.98 | 458 | 10.22 | 0.76 |
| | Pong HPS | 396 | 44 | 186 | 0 | 1.11 | 46 | 1.68 | -0.57 |
| | Sub Total (F) | 2900 | 1263 | 1996 | 1277 | 31.56 | 1315 | 30.74 | 0.82 |
| G. IPP(s)/JV(s) | ADHPL HPS(IPP) | 192 | 0 | 82 | 0 | 1.07 | 45 | 1.04 | 0.03 |
| | KWHEP HPS(IPP) | 1000 | 0 | 370 | 166 | 8.67 | 361 | 8.48 | 0.19 |
| | Malana Stg-II HPS | 100 | 0 | 85 | 0 | 0.61 | 25 | 0.58 | 0.04 |
| | Shree Cement TPS | 300 | 0 | 263 | 211 | 5.88 | 245 | 5.73 | 0.15 |
| | Budhil HPS(IPP) | 70 | 0 | 7 | 7 | 0.82 | 34 | 1.03 | -0.21 |
| | Sub Total (G) | 1662 | 0 | 807 | 384 | 17.05 | 711 | 16.85 | 0.20 |
| H. Total Regional Entities (A-G) | | 24221 | 17291 | 17464 | 14613 | 358.99 | 14958 | 359.66 | -0.68 |

| 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 | 420 | 350 | 9 | 360 |
| | Guru Nanak Dev TPS(Bhatinda) | 440 | 120 | 90 | 2 | 100 |
| | Guru Hargobind Singh TPS(L.mbt) | 920 | 459 | 320 | 9 | 387 |
| | Goindwal(GVK) | | 0 | 0 | 0 | 0 |
| | Rajpura | 700 | 0 | 0 | 0 | 0 |
| | Talwandi Saboo | 660 | 0 | 0 | 0.00 | 0 |
| | Thermal (Total) | 3980 | 999 | 760 | 20 | 847 |
| | Total Hydro | 1148 | 724 | 572 | 15.02 | 626 |
| Total Punjab | 5128 | 1723 | 1332 | 35.35 | 1473 | |
| Haryana | Panipat TPS | 1367 | 0 | 0 | 0.00 | 0 |
| | DCRTPP (Yamuna nagar) | 600 | 280 | 290 | 6.52 | 272 |
| | Faridabad GPS (NTPC) | 432 | 255 | 175 | 5.74 | 239 |
| | RGTPP (khedar) (IPP) | 1200 | 531 | 538 | 12.08 | 503 |
| | Magnum Diesel (IPP) | 25 | 0 | 0 | 0.00 | 0 |
| | Jhajjar(CLP) | 1320 | 0 | 0 | 0.00 | 0 |
| | Thermal (Total) | 4944 | 1066 | 1003 | 24 | 1014 |
| | Total Hydro | 62 | 9 | 9 | 0.23 | 10 |
| | Total Haryana | 5006 | 1075 | 1012 | 24.57 | 1024 |
| | Rajasthan | kota TPS | 1240 | 855 | 830 | 19.69 |
| suratgarh TPS | | 1500 | 1185 | 973 | 27.91 | 1163 |
| Chabra TPS | | 750 | 382 | 317 | 8.60 | 358 |
| Dholpur GPS | | 330 | 129 | 128 | 3.14 | 131 |
| Ramgarh GPS | | 221 | 32 | 0 | 0.96 | 40 |
| RAPS A (NPC) | | 300 | 206 | 206 | 4.09 | 170 |
| Barsingsar (NLC) | | 250 | 84 | 82 | 1.81 | 76 |
| Giral LTPS | | 250 | 0 | 0 | 0.00 | 0 |
| Rajwest LTPS (IPP) | | 1080 | 620 | 835 | 18.79 | 783 |
| VSLP LTPS (IPP) | | 135 | 0 | 0 | 0.00 | 0 |
| Kalisindh Thermal | | 600 | 0 | 0 | 0.00 | 0 |
| Kawai(Adani) | | 1320 | 1160 | 1163 | 28.55 | 1190 |
| Thermal (Total) | | 7976 | 4653 | 4534 | 114 | 4730 |
| Total Hydro | | 550 | 0 | 0 | 0.09 | 4 |
| Wind power | | 2191 | 431 | 77 | 5.21 | 217 |
| Biomass | | 91 | 35 | 35 | 0.83 | 35 |
| Solar | | 201 | 0 | 0 | 0.50 | 21 |
| Renewable/Others (Total) | | 2483 | 466 | 112 | 6.54 | 272 |
| Total Rajasthan | 11009 | 5119 | 4646 | 120.15 | 5006 | |
| UP | Anpara TPS | 1630 | 1551 | 1475 | 32.10 | 1338 |
| | Obra TPS | 1288 | 362 | 127 | 5.10 | 213 |
| | Paricha TPS | 1140 | 867 | 789 | 18.20 | 758 |
| | Panki TPS | 210 | 80 | 85 | 1.80 | 75 |
| | Harduaganj TPS | 665 | 0 | 0 | 0.00 | 0 |
| | Tanda TPS (NTPC) | 440 | 348 | 371 | 8.81 | 367 |
| | Roza TPS (IPP) | 1200 | 1099 | 1098 | 26.30 | 1096 |
| | Anpara-C (IPP) | 1200 | 842 | 1026 | 23.93 | 997 |
| | Bajaj Energy Pvt.Ltd(IPP) TPS | 450 | 401 | 401 | 9.29 | 387 |
| | Thermal (Total) | 8223 | 5550 | 5372 | 126 | 5231 |
| | Vishnuparyag HPS (IPP) | 400 | 178 | 168 | 3.96 | 165 |
| | Other Hydro | 527 | 240 | 238 | 5.13 | 214 |
| | Cogeneration | 981 | 100 | 100 | 2.40 | 100 |
| | Total UP | 10131 | 6068 | 5878 | 137.02 | 5544 |
| Uttarakhand | Total Hydro | 1303 | 513 | 467 | 11.84 | 493 |
| | Total Uttarakhand | 1303 | 513 | 467 | 11.84 | 493 |
| Delhi | Rajghat TPS | 135 | 56 | 57 | 1.32 | 55 |
| | Delhi Gas Turbine | 282 | 108 | 111 | 2.62 | 109 |
| | Pragati Gas Turbine | 330 | 90 | 95 | 2.23 | 93 |
| | Rithala GPS | 95 | 0 | 0 | 0.00 | 0 |
| | Bawana GPS | 1370 | 0 | 0 | 0.00 | 0 |
| | Badarpur TPS (NTPC) | 705 | 495 | 505 | 10.74 | 448 |
| | Thermal (Total) | 2917 | 749 | 768 | 16.91 | 705 |
| | Total Delhi | 2917 | 749 | 768 | 16.91 | 705 |
| HP | Baspa HPS (IPP) | 300 | 32 | 105 | 2.50 | 104 |
| | Malana HPS (IPP) | 86 | 54 | 0 | 0.71 | 30 |
| | Other Hydro | 728 | 465 | 515 | 12.41 | 517 |
| | Total HP | 1114 | 551 | 620 | 15.62 | 651 |
| J & K | Baglihar HPS (IPP) | 450 | 440 | 438 | 10.54 | 439 |
| | Other Hydro/IPP | 436 | 128 | 132 | 3.14 | 131 |
| | Gas/Diesel/Others | 209 | 0 | 0 | 0.00 | 0 |
| | Total J & K | 1094 | 568 | 570 | 13.68 | 570 |
| Total State Control Area Generation | | 37702 | 16366 | 15293 | 375.13 | 15466 |
| J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)] | | | 4724 | 4814 | 106.95 | 4456 |
| Total Regional Availability(Gross) | | 61923 | 38554 | 34720 | 841.07 | 34880 |

IV. Total Hydro Generation:

| | | | | | |
|-----------------------------|--------------|--------------|-------------|---------------|-------------|
| Regional Entities Hydro | 11233 | 8147 | 5359 | 147.52 | 6147 |
| State Control Area Hydro | 5589 | 2605 | 2476 | 65.56 | 2567 |
| Total Regional Hydro | 16823 | 10752 | 7835 | 213.09 | 8714 |

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 | 250 | 150 | 350 | 0 | 5.46 | 0.00 | 5.46 |
| Gwalior-Agra (D/C) | 1620 | 1816 | 2040 | 0 | 38.29 | 0.00 | 38.29 |
| Zerda-Kankroli | -78 | -128 | 0 | 214 | 0.00 | 2.89 | -2.89 |
| Zerda-Bhinmal | -44 | -114 | 15 | 202 | 0.00 | 2.26 | -2.26 |
| Malanpur-Auraiya | -42 | -24 | 0 | 55 | 0.00 | 0.75 | -0.75 |
| Badod-Kota/Morak | -44 | -74 | 0 | 119 | 0.00 | 1.42 | -1.42 |
| Mundra-Mohindergarh(HVDC) | 2003 | 1998 | 2005 | 0 | 48.33 | 0.00 | 48.33 |
| Sub Total WR | 3665 | 3624 | | | 92.07 | 7.32 | 84.76 |
| Pusauli Bypass | 400 | 400 | 400 | 0 | 9.63 | 0.00 | 9.63 |
| MZP- GKP (D/C) | 14 | 240 | 350 | 14 | 3.98 | 0.00 | 3.98 |
| Patna-Balia(D/C) | 237 | 288 | 329 | 0 | 5.49 | 0.00 | 5.49 |
| B'Sharif-Balia (D/C) | 205 | 192 | 258 | 0 | 3.46 | 0.00 | 3.46 |
| Pusauli-Balia | -15 | -75 | 0 | 95 | 0.00 | 1.84 | -1.84 |
| Gaya-Fatehpur (765 Kv) | 85 | 27 | 180 | 43 | 0.00 | 0.61 | -0.61 |
| Pusauli-Sahupuri | 132 | 145 | 187 | 0 | 3.24 | 0.00 | 3.24 |
| K'nasa-Sahupuri | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Son Ngr-Rihand | -32 | -28 | 0 | 34 | 0.00 | 0.65 | -0.65 |
| Garhwa-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Sasaram - Fatehpur(765 KV) | 33 | 1 | 147 | 118 | 0.00 | 0.50 | -0.50 |
| Sub Total ER | 1059 | 1190 | | | 25.79 | 3.60 | 22.20 |
| Total IR Exch | 4724 | 4814 | | | 117.87 | 10.91 | 106.95 |

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 |
| 31.24 | 0.71 | 31.95 | 7.61 | -1.61 | -8.69 | -2.73 | 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 |
| 30.88 | 63.98 | 94.86 | 22.20 | 84.76 | 106.95 | -8.68 | 20.77 | 12.09 |

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 | 5.01 | 20.35 | 53.09 | 85.20 | 40.81 | 3.45 | 2.65 | 0.64 | 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 | | | | |
| 50.28 | 18.04 | 49.51 | 9.14 | 49.89 | 0.25 | 0.11 | 50.27 | 49.71 |

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 | 406 | 06:02 | 399 | 20:34 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gorakhpur | 400 | 433 | 06:08 | 412 | 15:16 | 0.0 | 0.0 | 56.1 | 1.2 |
| Bareilly | 400 | 413 | 06:07 | 395 | 11:18 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kanpur | 400 | 414 | 06:05 | 401 | 11:15 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dadri | 400 | 414 | 06:07 | 398 | 11:12 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ballabgarh | 400 | 423 | 06:05 | 405 | 11:12 | 0.0 | 0.0 | 1.6 | 0.0 |
| Bawana | 400 | 418 | 06:07 | 400 | 11:12 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bassi | 400 | 426 | 03:02 | 405 | 09:11 | 0.0 | 0.0 | 30.4 | 0.0 |
| Hissar | 400 | 413 | 06:07 | 396 | 11:14 | 0.0 | 0.0 | 0.0 | 0.0 |
| Moga | 400 | 413 | 06:07 | 397 | 11:06 | 0.0 | 0.0 | 0.0 | 0.0 |
| Abdullapur | 400 | 423 | 06:06 | 408 | 11:09 | 0.0 | 0.0 | 1.0 | 0.0 |
| Nalagarh | 400 | 420 | 06:04 | 400 | 11:05 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kishenpur | 400 | 412 | 06:07 | 400 | 09:44 | 0.0 | 0.0 | 0.0 | 0.0 |
| Wagoora | 400 | 409 | 02:58 | 388 | 20:14 | 0.0 | 0.4 | 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 | 769 | 06:07 | 738 | 09:13 | 0.0 | 0.7 | 0.0 | 0.0 |
| Balia | 765 | 766 | 06:11 | 731 | 09:11 | 0.0 | 19.0 | 0.0 | 0.0 |
| Moga | 765 | 784 | 06:07 | 752 | 11:15 | 0.0 | 0.0 | 0.0 | 0.0 |
| Agra | 765 | 787 | 18:29 | 747 | 09:11 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bhiwani | 765 | 795 | 06:07 | 375 | 12:54 | 0.8 | 0.8 | 0.0 | 0.0 |
| Unnao | 765 | 754 | 06:07 | 734 | 11:13 | 0.0 | 42.3 | 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 | 481.76 | 503.43 | 475.71 | 368.17 | 637.92 | 701.52 |
| Pong | 426.72 | 384.05 | 403.17 | 296.79 | 400.39 | 230.85 | 131.90 | 31.83 |
| Tehri | 829.79 | 740.04 | 751.75 | 61.57 | NA | NA | 127.72 | 298.00 |
| Koteshwar | 612.50 | 598.50 | 610.71 | 4.95 | 601.40 | 0.80 | 298.00 | 300.00 |
| Chamera-I | 760.00 | 748.75 | NA | NA | NA | NA | 206.25 | 230.88 |
| Rihand | 268.22 | 252.98 | 258.07 | 205.10 | 256.79 | 149.00 | NA | NA |
| RPS | 352.80 | 343.81 | 348.06 | NA | NA | NA | NA | NA |
| Jawahar Sagar | 298.70 | 295.78 | 298.80 | NA | NA | NA | NA | NA |
| RSD | 527.91 | 487.91 | 516.64 | 144.00 | 506.65 | 144.00 | 224.47 | 197.51 |

* NA: Not Available

X. System Constraints:

XI. Grid Disturbance / Any Other Significant Event:

XII. Weather Conditions For 16.05.2014 :
Normal weather.

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 :

Report for : 16.05.2014

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER