

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 24.03.2014
Date of Reporting : 25.03.2014

I. Regional Availability/Demand:

| Evening Peak (19:00 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 |
| 30900 | 2077 | 32977 | 50.00 | 24660 | 0 | 24660 | 50.17 | 689.4 | 22.93 |

* 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 | 39.03 | 9.84 | | 48.87 | 30.12 | 29.72 | -0.41 | 78.59 | 0.00 |
| Haryana | 33.35 | 0.56 | | 33.90 | 49.29 | 47.47 | -1.82 | 81.37 | 0.00 |
| Rajasthan | 96.67 | 1.14 | 7.92 | 105.73 | 53.07 | 50.64 | -2.43 | 156.37 | 0.10 |
| Delhi | 15.54 | | | 15.54 | 44.14 | 42.53 | -1.61 | 58.06 | 0.02 |
| UP | 112.14 | 3.43 | 14.40 | 129.97 | 95.59 | 94.03 | -1.56 | 224.00 | 20.38 |
| Uttarakhand | | 8.36 | | 8.36 | 20.64 | 22.17 | 1.54 | 30.53 | 0.73 |
| HP | | 9.35 | | 9.35 | 15.42 | 15.54 | 0.12 | 24.89 | 0.00 |
| J & K | | 10.18 | 0.00 | 10.18 | 24.83 | 22.18 | -2.65 | 32.36 | 1.70 |
| Chandigarh | | | | 0.00 | 3.30 | 3.28 | -0.02 | 3.28 | 0.00 |
| Total | 296.72 | 42.85 | 22.32 | 361.89 | 336.38 | 327.55 | -8.83 | 689.44 | 22.93 |

* 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 (19:00 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 | 3760 | 0 | -81 | -374 | 2757 | 0 | -60 | -95 | -6.20 | |
| Haryana | 4394 | 0 | -108 | 160 | 2552 | 0 | -13 | 115 | 0.66 | |
| Rajasthan | 6128 | 0 | -187 | 580 | 5533 | 0 | -163 | 993 | 23.53 | |
| Delhi | 3077 | 2 | 135 | -741 | 1588 | 0 | 20 | -1033 | -20.16 | |
| UP | 9284 | 1835 | -210 | 828 | 9270 | 0 | 59 | 661 | 14.62 | |
| Uttarakhand | 1507 | 140 | 182 | 364 | 905 | 0 | -98 | 358 | 8.80 | |
| HP | 1063 | 0 | -21 | -44 | 731 | 0 | 74 | 99 | 1.52 | |
| J&K | 1517 | 100 | -111 | 109 | 1242 | 0 | -109 | 244 | 4.26 | |
| Chandigarh | 171 | 0 | -10 | 0 | 82 | 0 | 5 | 0 | 0.00 | |
| Total | 30900 | 2077 | -411 | 881 | 24660 | 0 | -284 | 1342 | 27.03 | |

* 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 | 1435 | 1391 | 1081 | 29.56 | 1232 | 28.69 | 0.86 | |
| Rihand I STPS | 1000 | 945 | 841 | 662 | 17.22 | 717 | 16.65 | 0.57 | |
| Rihand II STPS | 1000 | 975 | 857 | 659 | 17.52 | 730 | 17.00 | 0.52 | |
| Rihand III STPS | 1000 | 485 | 498 | 330 | 8.68 | 362 | 8.21 | 0.47 | |
| Dadri I STPS | 840 | 815 | 674 | 628 | 14.67 | 611 | 14.49 | 0.18 | |
| Dadri II STPS | 980 | 980 | 890 | 696 | 18.04 | 752 | 18.19 | -0.14 | |
| Unchahar I TPS | 420 | 408 | 318 | 282 | 6.78 | 282 | 6.76 | 0.02 | |
| Unchahar II TPS | 420 | 406 | 310 | 269 | 6.61 | 275 | 6.58 | 0.02 | |
| Unchahar III TPS | 210 | 203 | 158 | 143 | 3.33 | 139 | 3.29 | 0.04 | |
| ISTPP (Jhajjhar) | 1500 | 1500 | 340 | 332 | 8.84 | 368 | 8.08 | 0.76 | |
| Dadri GPS | 830 | 821 | 171 | 176 | 4.15 | 173 | 4.20 | -0.05 | |
| Anta GPS | 419 | 408 | 205 | 197 | 4.87 | 203 | 4.56 | 0.31 | |
| Auraiya GPS | 663 | 658 | 152 | 105 | 3.21 | 134 | 3.34 | -0.13 | |
| Sub Total (A) | 11282 | 10039 | 6805 | 5560 | 143.47 | 5978 | 140.04 | 3.43 | |
| B. NPC | | | | | | | | | |
| NAPS | 440 | 288 | 325 | 335 | 6.97 | 290 | 6.00 | 0.97 | |
| RAPS- B | 440 | 414 | 455 | 456 | 9.87 | 411 | 9.94 | -0.06 | |
| RAPS- C | 440 | 430 | 469 | 474 | 10.15 | 423 | 10.32 | -0.18 | |
| Sub Total (B) | 1320 | 1132 | 1249 | 1265 | 26.99 | 1125 | 26.26 | 0.73 | |
| C. NHPC | | | | | | | | | |
| Chamera I HPS | 540 | 540 | 540 | 0 | 7.55 | 314 | 7.50 | 0.04 | |
| Chamera II HPS | 300 | 300 | 300 | 0 | 2.34 | 98 | 2.30 | 0.04 | |
| Chamera III HPS | 231 | 231 | 223 | 0 | 1.25 | 52 | 1.25 | 0.00 | |
| Bairasuil HPS | 180 | 122 | 120 | 0 | 1.06 | 44 | 2.87 | -1.80 | |
| Salal-HPS | 690 | 392 | 560 | 323 | 9.79 | 408 | 9.37 | 0.42 | |
| Tanakpur-HPS | 94 | 0 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 | |
| Uri-HPS | 480 | 475 | 476 | 475 | 11.53 | 480 | 11.40 | 0.13 | |
| Uri-II HPS | 240 | 178 | 180 | 185 | 4.32 | 180 | 4.26 | 0.06 | |
| Dhauliganga-HPS | 280 | 0 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 | |
| Dulhasti-HPS | 390 | 387 | 405 | 0 | 3.07 | 128 | 3.00 | 0.07 | |
| Sewa-II HPS | 120 | 122 | 125 | 124 | 2.98 | 124 | 2.93 | 0.06 | |
| Parbati 3 | 260 | 0 | 0 | 0 | 0.72 | 30 | 0.72 | 0.00 | |
| Sub Total (C) | 3805 | 2747 | 2929 | 1107 | 45 | 1859 | 45 | 0 | |
| D. NJPC | | | | | | | | | |
| Nathpa Jhakri | 1500 | 1605 | 780 | 0 | 7.73 | 322 | 7.40 | 0.33 | |
| Sub Total (D) | 1500 | 1605 | 780 | 0 | 7.73 | 322 | 7.40 | 0.33 | |
| E. THDC | | | | | | | | | |
| Tehri HPS | 1000 | 683 | 605 | 0 | 8.56 | 357 | 8.50 | 0.06 | |
| Koteshwar HPS | 400 | 129 | 200 | 90 | 3.32 | 138 | 3.30 | 0.02 | |
| Sub Total (E) | 1400 | 813 | 805 | 90 | 11.88 | 495 | 11.80 | 0.08 | |
| F. BBMB | | | | | | | | | |
| Bhakra HPS | 1497 | 545 | 1148 | 367 | 13.57 | 565 | 13.08 | 0.49 | |
| Dehar HPS | 990 | 198 | 495 | 140 | 5.12 | 213 | 4.76 | 0.36 | |
| Pong HPS | 396 | 181 | 303 | 63 | 4.53 | 189 | 4.35 | 0.18 | |
| Sub Total (F) | 2883 | 925 | 1946 | 570 | 23.22 | 968 | 22.19 | 1.03 | |
| G. IPP(s)/JV(s) | | | | | | | | | |
| ADHPL HPS(IPP) | 192 | 0 | 0 | 0 | 0.35 | 15 | 0.35 | 0.01 | |
| KWHEP HPS(IPP) | 1000 | 0 | 375 | 0 | 4.09 | 170 | 4.08 | 0.01 | |
| Malana Stg-II HPS | 100 | 0 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 | |
| Shree Cement TPS | 300 | 0 | 261 | 225 | 6.08 | 253 | 6.20 | -0.12 | |
| Budhil HPS(IPP) | 70 | 0 | 0 | 0 | 0.02 | 1 | 0.24 | -0.22 | |
| Sub Total (G) | 1662 | 0 | 636 | 225 | 10.54 | 439 | 10.86 | -0.32 | |
| H. Total Regional Entities (A-G) | 23852 | 17260 | 15150 | 8817 | 268.44 | 11185 | 263.42 | 5.02 | |

| 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 | 690 | 660 | 15.51 | 646 |
| | Guru Nanak Dev TPS(Bhatinda) | 440 | 90 | 90 | 1.97 | 82 |
| | Guru Hargobind Singh TPS(L.mbt) | 920 | 679 | 650 | 14.78 | 616 |
| | Goindwal(GVK) | | 0 | 0 | 0.00 | 0 |
| | Rajpura | 700 | 281 | 279 | 6.77 | 282 |
| | Talwandi Saboo | 660 | 0 | 0 | 0.00 | 0 |
| | Thermal (Total) | 3980 | 1740 | 1679 | 39.03 | 1626 |
| | Total Hydro | 1148 | 340 | 355 | 9.84 | 410 |
| | Total Punjab | 5128 | 2080 | 2034 | 48.87 | 2036 |
| Haryana | Panipat TPS | 1367 | 211 | 210 | 5.07 | 211 |
| | DCRTPP (Yamuna nagar) | 600 | 530 | 505 | 11.81 | 492 |
| | Faridabad GPS (NTPC) | 432 | 284 | 284 | 7.37 | 307 |
| | RGTPP (kheadar) (IPP) | 1200 | 0 | 0 | 0.00 | 0 |
| | Magnum Diesel (IPP) | 25 | 0 | 0 | 0.00 | 0 |
| | Jhajjar(CLP) | 1320 | 369 | 365 | 9.10 | 379 |
| | Thermal (Total) | 4944 | 1394 | 1364 | 33.35 | 1390 |
| | Total Hydro | 62 | 24 | 19 | 0.56 | 23 |
| | Total Haryana | 5006 | 1418 | 1383 | 33.90 | 1413 |
| Rajasthan | kota TPS | 1240 | 710 | 714 | 17.75 | 740 |
| | suratgarh TPS | 1500 | 1044 | 1019 | 24.79 | 1033 |
| | Chabra TPS | 750 | 553 | 367 | 11.41 | 476 |
| | Dholpur GPS | 330 | 111 | 0 | 1.60 | 67 |
| | Ramgarh GPS | 221 | 112 | 106 | 2.55 | 106 |
| | RAPS A (NPC) | 300 | 175 | 175 | 4.08 | 170 |
| | Barsingsar (NLC) | 250 | 199 | 201 | 4.73 | 197 |
| | Giral LTTPS | 250 | 75 | 70 | 1.54 | 64 |
| | Rajwest LTTPS (IPP) | 1080 | 193 | 129 | 3.58 | 149 |
| | VSLP LTTPS (IPP) | 135 | 0 | 0 | 0.00 | 0 |
| | Kalisindh Thermal | 600 | 0 | 0 | 0.00 | 0 |
| | Kawai(Adani) | 1320 | 967 | 868 | 24.63 | 1026 |
| | Thermal (Total) | 7976 | 4139 | 3649 | 96.67 | 4028 |
| | Total Hydro | 550 | 19 | 21 | 1.14 | 48 |
| | Wind power | 2191 | 43 | 264 | 7.01 | 292 |
| | Biomass | 91 | 23 | 23 | 0.56 | 23 |
| | Solar | 201 | 4 | 0 | 0.36 | 15 |
| Renewable/Others (Total) | 2483 | 66 | 287 | 7.92 | 330 | |
| Total Rajasthan | 11009 | 4224 | 3957 | 105.73 | 4405 | |
| UP | Anpara TPS | 1630 | 1585 | 1612 | 34.10 | 1421 |
| | Obra TPS | 1288 | 356 | 246 | 6.40 | 267 |
| | Paricha TPS | 1140 | 688 | 774 | 15.40 | 642 |
| | Panki TPS | 210 | 85 | 60 | 1.50 | 63 |
| | Harduaganj TPS | 665 | 194 | 252 | 5.00 | 208 |
| | Tanda TPS (NTPC) | 440 | 328 | 396 | 9.27 | 386 |
| | Roza TPS (IPP) | 1200 | 756 | 765 | 18.47 | 769 |
| | Anpara-C (IPP) | 1200 | 792 | 791 | 18.16 | 757 |
| | Bajaj Energy Pvt.Ltd(IPP) TPS | 450 | 171 | 171 | 3.84 | 160 |
| | Thermal (Total) | 8223 | 4955 | 5067 | 112.14 | 4672 |
| | Vishnuparyag HPS (IPP) | 400 | 0 | 0 | 0.00 | 0 |
| | Other Hydro | 527 | 153 | 168 | 3.43 | 143 |
| | Cogeneration | 981 | 600 | 600 | 14.40 | 600 |
| | Total UP | 10131 | 5708 | 5835 | 129.97 | 5415 |
| | Uttarakhand | Total Hydro | 1303 | 444 | 235 | 8.36 |
| Total Uttarakhand | | 1303 | 444 | 235 | 8.36 | 348 |
| Delhi | Rajghat TPS | 135 | 0 | 0 | 0.00 | 0 |
| | Delhi Gas Turbine | 282 | 76 | 77 | 1.80 | 75 |
| | Pragati Gas Turbine | 330 | 274 | 260 | 6.55 | 273 |
| | Rithala GPS | 95 | 0 | 0 | 0.00 | 0 |
| | Bawana GPS | 686 | 0 | 0 | 0.00 | 0 |
| | Badarpur TPS (NTPC) | 705 | 305 | 340 | 7.19 | 300 |
| | Thermal (Total) | 2232 | 655 | 677 | 15.54 | 647 |
| | Total Delhi | 2232 | 655 | 677 | 15.54 | 647 |
| HP | Baspa HPS (IPP) | 330 | 29 | 0 | 0.88 | 37 |
| | Malana HPS (IPP) | 86 | 45 | 0 | 0.30 | 12 |
| | Other Hydro | 589 | 291 | 245 | 8.17 | 340 |
| | Total HP | 1005 | 365 | 245 | 9.35 | 390 |
| J & K | Baglihar HPS (IPP) | 450 | 444 | 290 | 7.88 | 328 |
| | Other Hydro | 323 | 73 | 132 | 2.30 | 96 |
| | Gas/Diesel/Others | 183 | 0 | 0 | 0.00 | 0 |
| | Total J & K | 956 | 517 | 422 | 10.18 | 424 |
| Total State Control Area Generation | | 36770 | 15411 | 14788 | 361.89 | 15079 |
| J. Net Inter Regional Exchange (Import (+ve)/Export (-ve)) | | | 3694 | 2380 | 79.01 | 3292 |
| Total Regional Availability(Gross) | | 60623 | 34255 | 25985 | 709.34 | 29556 |

IV. Total Hydro Generation:

| | | | | | |
|-----------------------------|--------------|-------------|-------------|---------------|-------------|
| Regional Entities Hydro | 10880 | 6835 | 1767 | 91.89 | 3829 |
| State Control Area Hydro | 5368 | 1862 | 1465 | 42.85 | 1785 |
| Total Regional Hydro | 16248 | 8697 | 3232 | 134.73 | 5614 |

V(A). Inter Regional Exchange [Import (+ve)/Export (-ve)] [Linkwise]

| Element | Peak(19:00 Hrs) | Off Peak(03:00 Hrs) | Maximum Interchange (MW) | | Energy (MU) | | Net Energy MU |
|----------------------------|-----------------|---------------------|--------------------------|--------|--------------|--------------|---------------|
| | MW | MW | Import | Export | Import | Export | |
| Vindhychal B/B | 300 | -100 | 500 | 100 | 5.45 | 0.59 | 4.86 |
| Gwalior-Agra (D/C) | 1145 | 960 | 1580 | 0 | 27.83 | 0.00 | 27.83 |
| Zerda-Kankroli | -284 | -368 | 0 | 466 | 0.00 | 7.56 | -7.56 |
| Zerda-Bhinmal | -200 | -270 | 12 | 370 | 0.00 | 4.75 | -4.75 |
| Malanpur-Auraiya | -93 | -83 | 0 | 114 | 0.00 | 1.54 | -1.54 |
| Badod-Kota/Morak | -105 | -131 | 0 | 186 | 0.00 | 2.38 | -2.38 |
| Mundra-Mohindergarh(HVDC) | 1998 | 1501 | 2005 | 0 | 41.33 | 0.00 | 41.33 |
| Sub Total WR | 2761 | 1509 | | | 74.60 | 16.82 | 57.78 |
| Pusauli Bypass | 300 | 300 | 300 | 0 | 7.33 | 0.00 | 7.33 |
| MZP- GKP (D/C) | 170 | 152 | 226 | 0 | 3.43 | 0.00 | 3.43 |
| Patna-Balia(D/C) | 261 | 307 | 381 | 0 | 7.05 | 0.00 | 7.05 |
| B'Shafi-Balia (D/C) | 133 | 168 | 197 | 0 | 3.36 | 0.00 | 3.36 |
| Pusauli-Balia | -106 | -69 | 0 | 110 | 0.00 | 1.87 | -1.87 |
| Gaya-Fatehpur (765 Kv) | 20 | -62 | 26 | 127 | 0.00 | 0.84 | -0.84 |
| Pusauli-Sahupuri | 113 | 150 | 156 | 0 | 3.28 | 0.00 | 3.28 |
| K'nasa-Sahupuri | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Son Ngr-Rihand | -28 | -25 | 0 | 32 | 0.00 | 0.56 | -0.56 |
| Garhwa-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Sasaram - Fatehpur(765 KV) | 70 | -50 | 77 | 109 | 0.05 | 0.00 | 0.05 |
| Sub Total ER | 933 | 871 | | | 24.49 | 3.27 | 21.22 |
| Total IR Exch | 3694 | 2380 | | | 99.10 | 20.09 | 79.01 |

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 |
| 24.81 | 0.20 | 25.01 | 2.29 | 7.03 | 7.27 | 1.96 | 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 |
| 34.56 | 50.07 | 84.63 | 21.22 | 57.78 | 79.01 | -13.34 | 7.71 | -5.63 |

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 | 0.00 | 0.00 | 2.26 | 26.04 | 42.36 | 14.51 | 40.87 | 11.49 | 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 | | | | |
| 50.30 | 3.31 | 49.84 | 23.15 | 50.07 | 0.15 | 0.10 | 50.25 | 49.92 |

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 | 413 | 02:39 | 400 | 15:23 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gorakhpur | 400 | 430 | 05:05 | 415 | 15:34 | 0.0 | 0.0 | 84.5 | 0.0 |
| Bareilly | 400 | 425 | 03:32 | 395 | 14:27 | 0.0 | 0.0 | 27.7 | 0.0 |
| Kanpur | 400 | 421 | 03:01 | 404 | 18:52 | 0.0 | 0.0 | 0.3 | 0.0 |
| Dadri | 400 | 429 | 03:04 | 409 | 18:37 | 0.0 | 0.0 | 36.1 | 0.0 |
| Ballabgarh | 400 | 436 | 03:31 | 415 | 18:49 | 0.0 | 0.0 | 73.0 | 23.1 |
| Bawana | 400 | 433 | 00:17 | 411 | 18:52 | 0.0 | 0.0 | 58.2 | 16.8 |
| Bassi | 400 | 435 | 03:30 | 402 | 09:37 | 0.0 | 0.0 | 38.2 | 16.2 |
| Hissar | 400 | 424 | 03:26 | 401 | 18:52 | 0.0 | 0.0 | 18.4 | 0.0 |
| Moga | 400 | 424 | 03:27 | 402 | 18:49 | 0.0 | 0.0 | 16.2 | 0.0 |
| Abdullapur | 400 | 428 | 00:15 | 408 | 18:49 | 0.0 | 0.0 | 40.3 | 0.0 |
| Nalagarh | 400 | 431 | 03:03 | 408 | 18:53 | 0.0 | 0.0 | 34.7 | 0.7 |
| Kishenpur | 400 | 419 | 03:29 | 392 | 18:49 | 0.0 | 0.0 | 0.0 | 0.0 |
| Wagoora | 400 | 412 | 13:02 | 366 | 19:38 | 17.6 | 28.8 | 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 | 775 | 00:57 | 437 | 06:13 | 11.3 | 11.3 | 0.0 | 0.0 |
| Balia | 765 | 778 | 05:03 | 757 | 14:28 | 0.0 | 0.0 | 0.0 | 0.0 |
| Moga | 765 | 805 | 00:59 | 764 | 18:51 | 0.0 | 0.0 | 9.8 | 0.0 |
| Agra | 765 | 809 | 01:16 | 778 | 18:52 | 0.0 | 0.0 | 17.2 | 0.0 |
| Bhiwani | 765 | 819 | 01:07 | 777 | 18:53 | 0.0 | 0.0 | 42.3 | 0.0 |
| Unnao | 765 | 766 | 03:29 | 738 | 18:57 | 0.0 | 2.6 | 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 | 482.00 | 519.70 | 481.15 | 488.47 | 219.03 | 455.79 |
| Pong | 426.72 | 384.05 | 402.72 | 281.22 | 400.18 | 223.85 | 155.26 | 313.27 |
| Tehri | 829.79 | 740.04 | 788.45 | 425.58 | 818.65 | 982.26 | 48.18 | 195.00 |
| Koteshwar | 612.50 | 598.50 | 610.35 | 4.69 | 609.60 | 4.21 | 195.00 | 198.00 |
| Chamera-I | 760.00 | 748.75 | NA | NA | NA | NA | 81.53 | 107.03 |
| Rihand | 268.22 | 252.98 | 259.45 | 274.80 | 258.99 | 250.70 | NA | NA |
| RPS | 352.80 | 343.81 | NA | NA | NA | NA | NA | NA |
| Jawahar Sagar | 298.70 | 295.78 | NA | NA | NA | NA | NA | NA |
| RSD | 527.91 | 487.91 | 508.60 | 144.00 | 508.99 | 144.00 | 105.85 | 120.77 |

* NA: Not Available

X. System Constraints:

XI. Grid Disturbance / Any Other Significant Event:

1. Due to Rains in Punjab , Haryana , Raj , West UP, NCR , load crash of 5000 MW.

XII. Weather Conditions For 24.03.2014 :

1. Rains in Punjab , Haryana , Raj , West UP & NCR.

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 :

Vishnuprayag (400MW) and 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
Vishnuprayag and Dhauliganga expected by Mar, 2014 .

Report for : 24.03.2014

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER