

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 09.04.2013
Date of Reporting : 10.04.2013

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 |
| 31665 | 4604 | 36269 | 49.89 | 27723 | 1959 | 29682 | 49.93 | 696.4 | 45.70 |

* 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 | 46.16 | 6.51 | | 52.67 | 50.51 | 50.33 | -0.18 | 103.01 | 0.00 |
| Haryana | 36.78 | 0.58 | | 37.35 | 55.96 | 52.27 | -3.69 | 89.63 | 0.36 |
| Rajasthan | 78.14 | 0.46 | 10.76 | 89.36 | 52.73 | 52.14 | -0.59 | 141.50 | 1.35 |
| Delhi | 27.58 | | | 27.58 | 42.78 | 42.30 | -0.48 | 69.88 | 0.12 |
| UP | 95.44 | 5.88 | 19.20 | 120.52 | 80.27 | 80.64 | 0.37 | 201.16 | 41.55 |
| Uttarakhand | | 11.28 | | 11.28 | 17.68 | 20.55 | 2.87 | 31.83 | 0.37 |
| HP | | 10.19 | | 10.19 | 13.70 | 13.00 | -0.71 | 23.19 | 0.00 |
| J & K | | 11.55 | 0.00 | 11.55 | 22.09 | 20.61 | -1.48 | 32.16 | 1.70 |
| Chandigarh | | | | 0.00 | 3.94 | 4.03 | 0.10 | 4.03 | 0.24 |
| Total | 284.09 | 46.45 | 29.96 | 360.50 | 339.67 | 335.88 | -3.79 | 696.38 | 45.70 |

* 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 | 4848 | 0 | -82 | 56 | 4252 | 0 | 42 | 462 | 6.17 |
| Haryana | 4544 | 592 | -149 | 147 | 3558 | 0 | 3 | -431 | -3.73 |
| Rajasthan | 6137 | 185 | -7 | 194 | 5782 | 0 | 0 | 218 | 3.95 |
| Delhi | 3193 | 226 | -94 | -252 | 2241 | 4 | -287 | -783 | -11.06 |
| UP | 8622 | 3501 | -29 | -24 | 8655 | 1955 | 320 | 117 | 0.98 |
| Uttarakhand | 1592 | 0 | 186 | 265 | 1187 | 0 | 139 | 226 | 5.59 |
| HP | 1086 | 0 | -55 | -372 | 799 | 0 | 8 | 56 | -1.79 |
| J&K | 1439 | 100 | -111 | -143 | 1133 | 0 | -80 | -85 | -2.24 |
| Chandigarh | 204 | 0 | 6 | -25 | 116 | 0 | -2 | 0 | 0.22 |
| Total | 31665 | 4604 | -334 | -154 | 27723 | 1959 | 144 | -220 | -1.89 |

* 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 | 1745 | 1871 | 1885 | 42.23 | 1759 | 41.16 | 1.06 | |
| | Rihand I STPS | 1000 | 925 | 1004 | 974 | 22.14 | 922 | 21.56 | 0.57 | |
| | Rihand II STPS | 1000 | 975 | 981 | 1035 | 22.95 | 956 | 21.84 | 1.12 | |
| | Rihand III STPS | 500 | 447 | 502 | 449 | 10.76 | 448 | 10.72 | 0.03 | |
| | Dadri I STPS | 840 | 807 | 872 | 858 | 19.18 | 799 | 19.37 | -0.19 | |
| | Dadri II STPS | 980 | 969 | 524 | 512 | 11.54 | 481 | 15.37 | -3.83 | |
| | Unchahar I TPS | 420 | 408 | 440 | 438 | 9.77 | 407 | 9.41 | 0.36 | |
| | Unchahar II TPS | 420 | 402 | 440 | 442 | 9.62 | 401 | 9.02 | 0.60 | |
| | Unchahar III TPS | 210 | 0 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 | |
| | ISTPP (Jhajjar) | 1500 | 995 | 481 | 352 | 8.47 | 353 | 8.50 | -0.04 | |
| | Dadri GPS | 830 | 795 | 380 | 366 | 8.76 | 365 | 8.92 | -0.16 | |
| | Anta GPS | 419 | 389 | 257 | 203 | 5.84 | 243 | 5.69 | 0.15 | |
| | Auraiva GPS | 663 | 635 | 305 | 305 | 7.10 | 296 | 7.19 | -0.10 | |
| | Sub Total (A) | 10782 | 9492 | 8057 | 7819 | 178.34 | 7431 | 178.76 | -0.42 | |
| | B. NPC | NAPS | 440 | 176 | 0 | 340 | 3.83 | 160 | 4.23 | -0.39 |
| RAPS- B | | 440 | 419 | 458 | 466 | 10.03 | 418 | 10.06 | -0.03 | |
| RAPS- C | | 440 | 430 | 470 | 476 | 10.11 | 421 | 10.32 | -0.21 | |
| Sub Total (B) | | 1320 | 1025 | 928 | 1282 | 23.97 | 999 | 24.60 | -0.63 | |
| C. NHPC | Chamera I HPS | 540 | 550 | 540 | 0 | 4.46 | 186 | 4.37 | 0.09 | |
| | Chamera II HPS | 300 | 310 | 308 | 0 | 3.26 | 136 | 2.87 | 0.39 | |
| | Chamera III HPS | 231 | 0 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 | |
| | Bairasuil HPS | 180 | 182 | 150 | 10 | 2.37 | 99 | 2.27 | 0.09 | |
| | Salal-HPS | 690 | 213 | 359 | 256 | 3.70 | 154 | 5.22 | -1.52 | |
| | Tanakpur-HPS | 94 | 30 | 56 | 32 | 0.79 | 33 | 0.73 | 0.07 | |
| | Uri-HPS | 480 | 476 | 480 | 480 | 11.67 | 486 | 11.65 | 0.02 | |
| | Dhauliganga-HPS | 280 | 280 | 70 | 0 | 1.67 | 69 | 1.58 | 0.09 | |
| | Dulhasti-HPS | 390 | 387 | 404 | 0 | 4.01 | 167 | 3.89 | 0.12 | |
| | Sewa-II HPS | 120 | 119 | 124 | 70 | 2.45 | 102 | 2.40 | 0.05 | |
| | Sub Total (C) | 3305 | 2546 | 2491 | 848 | 34.38 | 1432 | 34.98 | -0.60 | |
| | D.NJPC | Natpaha Jhakri | 1500 | 1605 | 1267 | 0 | 14.70 | 613 | 14.00 | 0.70 |
| | | Sub Total (D) | 1500 | 1605 | 1267 | 0 | 14.70 | 613 | 14.00 | 0.70 |
| E. THDC | Tehri HPS | 1000 | 550 | 551 | 375 | 8.14 | 339 | 8.00 | 0.14 | |
| | Koteshwar HPS | 400 | 400 | 300 | 0 | 3.43 | 143 | 3.30 | 0.13 | |
| | Sub Total (E) | 1400 | 950 | 851 | 375 | 11.57 | 482 | 11.30 | 0.27 | |
| F. BBMB | Bhakra HPS | 1480 | 477 | 604 | 496 | 12.21 | 509 | 11.44 | 0.77 | |
| | Dehar HPS | 990 | 327 | 660 | 330 | 8.53 | 355 | 7.85 | 0.68 | |
| | Pong HPS | 396 | 20 | 120 | 0 | 0.25 | 10 | 5.01 | -4.76 | |
| | Sub Total (F) | 2866 | 824 | 1384 | 826 | 20.99 | 875 | 24.29 | -3.30 | |
| G. IPP(s)/JV(s) | ADHPL HPS(IPP) | 192 | 0 | 26 | 30 | 0.69 | 29 | 0.69 | 0.00 | |
| | KWHEP HPS(IPP) | 1000 | 0 | 251 | 0 | 8.08 | 337 | 7.58 | 0.50 | |
| | Malana Stg-II HPS | 100 | 0 | 60 | 0 | 0.50 | 21 | 0.44 | 0.05 | |
| | Shree Cement TPS | 300 | 0 | 264 | 241 | 6.07 | 253 | 5.55 | 0.51 | |
| | Budhil HPS(IPP) | 70 | 0 | 29 | 34 | 0.40 | 17 | 0.36 | 0.04 | |
| | Sub Total (G) | 1662 | 0 | 630 | 305 | 15.73 | 655 | 14.62 | 1.10 | |
| H. Total Regional Entities (A-G) | 22836 | 16441 | 15608 | 11455 | 299.67 | 12486 | 302.55 | -2.88 | | |

| 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 | 890 | 21.80 | 908 |
| | Guru Nanak Dev TPS(Bhatinda) | 440 | 210 | 190 | 4.24 | 177 |
| | Guru Hargobind Singh TPS(L.mbt) | 920 | 959 | 826 | 20.12 | 838 |
| | Thermal (Total) | 2620 | 2221 | 1906 | 46.16 | 1923 |
| | Total Hydro | 1148 | 225 | 304 | 6.51 | 271 |
| | Total Punjab | 3768 | 2446 | 2210 | 52.67 | 2195 |
| Haryana | Panipat TPS | 1367 | 333 | 446 | 9.21 | 384 |
| | DCRTPP (Yamuna nagar) | 600 | 564 | 560 | 13.08 | 545 |
| | Faridabad GPS (NTPC) | 432 | 187 | 152 | 4.01 | 167 |
| | RGTPP (khedar) (IPP) | 1200 | 0 | 0 | 0.00 | 0 |
| | Magnum Diesel (IPP) | 25 | 0 | 0 | 0.00 | 0 |
| | Jhajjar(CLP) | 1320 | 607 | 376 | 10.47 | 436 |
| | Thermal (Total) | 4944 | 1691 | 1534 | 36.78 | 1532 |
| | Total Hydro | 62 | 26 | 24 | 0.58 | 24 |
| | Total Haryana | 5006 | 1717 | 1558 | 37.35 | 1556 |
| | Rajasthan | kota TPS | 1240 | 1169 | 1166 | 27.74 |
| suratgarh TPS | | 1500 | 855 | 901 | 20.96 | 873 |
| Chabra TPS | | 500 | 228 | 228 | 5.22 | 218 |
| Dholpur GPS | | 330 | 146 | 136 | 3.23 | 134 |
| Ramgarh GPS | | 111 | 35 | 36 | 0.91 | 38 |
| RAPS A (NPC) | | 300 | 178 | 178 | 4.74 | 198 |
| Barsingsar (NLC) | | 250 | 0 | 0 | 0.00 | 0 |
| Giral LTPS | | 250 | 40 | 61 | 0.94 | 39 |
| Rajwest LTPS (IPP) | | 1080 | 608 | 626 | 14.41 | 600 |
| VSLP LTPS (IPP) | | 135 | 0 | 0 | 0.00 | 0 |
| Thermal (Total) | | 5696 | 3259 | 3332 | 78.14 | 3256 |
| Total Hydro | | 550 | 31 | 0 | 0.46 | 19 |
| Wind power | | 2191 | 334 | 352 | 9.09 | 379 |
| Biomass | | 91 | 27 | 27 | 0.65 | 27 |
| Solar | | 201 | 0 | 0 | 1.02 | 43 |
| Renewable/Others (Total) | | 2483 | 361 | 379 | 10.76 | 448 |
| Total Rajasthan | | 8729 | 3651 | 3711 | 89.36 | 3723 |
| UP | Anpara TPS | 1630 | 1337 | 1327 | 28.10 | 1171 |
| | Obra TPS | 1382 | 469 | 452 | 10.10 | 421 |
| | Paricha TPS | 890 | 698 | 778 | 16.10 | 671 |
| | Panki TPS | 210 | 90 | 80 | 1.80 | 75 |
| | Harduaganj TPS | 665 | 41 | 50 | 0.90 | 38 |
| | Tanda TPS (NTPC) | 440 | 407 | 404 | 9.88 | 412 |
| | Roza TPS (IPP) | 1200 | 286 | 257 | 6.57 | 274 |
| | Anpara-C (IPP) | 1200 | 488 | 546 | 12.24 | 510 |
| | Bajaj Energy Pvt.Ltd(IPP) TPS | 450 | 405 | 405 | 9.75 | 406 |
| | Thermal (Total) | 8067 | 4221 | 4299 | 95.44 | 3977 |
| | Vishnuparyag HPS (IPP) | 400 | 95 | 104 | 2.35 | 98 |
| | Other Hydro | 527 | 138 | 182 | 3.53 | 147 |
| | Cogeneration | 981 | 800 | 800 | 19.20 | 800 |
| | Total UP | 9975 | 5254 | 5385 | 120.52 | 4924 |
| Uttarakhand | Total Hydro | 1303 | 478 | 463 | 11.28 | 470 |
| | Total Uttarakhand | 1303 | 478 | 463 | 11.28 | 470 |
| Delhi | Rajghat TPS | 135 | 105 | 103 | 2.73 | 114 |
| | Delhi Gas Turbine | 282 | 191 | 161 | 4.43 | 185 |
| | Pragati Gas Turbine | 330 | 284 | 295 | 7.21 | 300 |
| | Rithala GPS | 108 | 0 | 0 | 0.00 | 0 |
| | Bawana GPS | 677 | 0 | 0 | 0.00 | 0 |
| | Badarpur TPS (NTPC) | 705 | 605 | 490 | 13.21 | 550 |
| | Thermal (Total) | 2237 | 1185 | 1049 | 27.58 | 1149 |
| | Total Delhi | 2237 | 1185 | 1049 | 27.58 | 1149 |
| HP | Baspa HPS (IPP) | 330 | 47 | 30 | 1.33 | 55 |
| | Malana HPS (IPP) | 86 | 60 | 0 | 0.48 | 20 |
| | Other Hydro | 589 | 332 | 330 | 8.38 | 349 |
| Total HP | 1005 | 439 | 360 | 10.19 | 425 | |
| J & K | Baglihar HPS (IPP) | 450 | 292 | 290 | 7.00 | 292 |
| | Other Hydro | 323 | 95 | 130 | 4.55 | 189 |
| | Gas/Diesel/Others | 183 | 0 | 0 | 0.00 | 0 |
| | Total J & K | 956 | 387 | 420 | 11.55 | 481 |
| Total State Control Area Generation | | 32979 | 15557 | 15156 | 360.50 | 14923 |
| J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)] | | | 1785 | 2487 | 50.62 | 2109 |
| Total Regional Availability(Gross) | | 55815 | 32950 | 29098 | 710.78 | 29518 |

IV. Total Hydro Generation:

| | | | | | |
|-----------------------------|--------------|-------------|-------------|---------------|-------------|
| Regional Entities Hydro | 10364 | 6330 | 2079 | 90.90 | 3787 |
| State Control Area Hydro | 5368 | 1724 | 1753 | 46.45 | 1837 |
| Total Regional Hydro | 15731 | 8054 | 3832 | 137.35 | 5625 |

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 | 300 | 0.00 | 2.59 | -2.59 |
| Gwalior-Agra (D/C) | 750 | 831 | 1417 | 0 | 19.67 | 0.00 | 19.67 |
| Zerda-Kankroli | 1 | -77 | 1 | 201 | 0.00 | 2.15 | -2.15 |
| Zerda-Bhinmal | 27 | -30 | 74 | 180 | 0.00 | 1.21 | -1.21 |
| Malanpur-Auraiya | -81 | -75 | 0 | 124 | 0.00 | 1.74 | -1.74 |
| Badod-Kota/Morak | -114 | -108 | 30 | 154 | 0.00 | 3.03 | -3.03 |
| Mundra-Mohindergarh(HVDC) | 1263 | 1267 | 1268 | 0 | 30.66 | 0.00 | 30.66 |
| Sub Total WR | 1746 | 1708 | | | 50.33 | 10.72 | 39.61 |
| Pusauli Bypass | 150 | 150 | 150 | 0 | 3.63 | 0.00 | 3.63 |
| MZP- GKP (D/C) | 62 | 218 | 234 | 0 | 1.82 | 0.00 | 1.82 |
| Patna-Balia(D/C) | -64 | 266 | 306 | 64 | 4.54 | 0.00 | 4.54 |
| B'Sharif-Balia (D/C) | -130 | 115 | 150 | 130 | 0.44 | 0.00 | 0.44 |
| Pusauli-Balia | 0 | -52 | 0 | 160 | 0.00 | 0.87 | -0.87 |
| Gaya-Fatehpur (765 Kv) | -90 | -23 | 96 | 130 | 0.00 | 0.35 | -0.35 |
| Pusauli-Sahupuri | 147 | 145 | 148 | 0 | 2.58 | 0.00 | 2.58 |
| K'nasa-Sahupuri | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Son Ngr-Rihand | -36 | -40 | 0 | 44 | 0.00 | 0.79 | -0.79 |
| Garhwa-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Sub Total ER | 39 | 779 | | | 13.01 | 2.01 | 11.01 |
| Total IR Exch | 1785 | 2487 | | | 63.34 | 12.72 | 50.62 |

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 |
| 23.94 | 0.27 | 24.21 | -4.10 | -11.13 | -5.74 | 4.62 | -2.61 | 2.61 |

| 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 |
| 11.76 | 42.76 | 54.52 | 11.01 | 39.61 | 50.62 | -0.75 | -3.15 | -3.90 |

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 | 0.80 | 12.40 | 99.00 | 87.40 | 8.00 | 0.20 |

| <----- 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 | | | | |
| 50.26 | 10.04 | 49.29 | 23.03 | 49.84 | 0.40 | 0.12 | 50.15 | 49.69 |

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 | 411 | 16:57 | 404 | 5:01 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gorakhpur | 400 | 431 | 13:43 | 412 | 18:16 | 0.0 | 0.0 | 61.4 | 1.7 |
| Bareilly | 400 | 423 | 23:24 | 405 | 12:11 | 0.0 | 0.0 | 6.4 | 0.0 |
| Kanpur | 400 | 421 | 3:35 | 408 | 5:04 | 40.5 | 40.5 | 0.8 | 0.0 |
| Dadri | 400 | 423 | 23:16 | 403 | 12:12 | 0.0 | 0.0 | 5.1 | 0.0 |
| Ballabgarh | 400 | 430 | 23:23 | 409 | 12:11 | 0.0 | 0.0 | 55.8 | 0.0 |
| Bawana | 400 | 424 | 23:20 | 406 | 11:10 | 0.0 | 0.0 | 10.4 | 0.0 |
| Bassi | 400 | 431 | 3:35 | 406 | 12:12 | 0.0 | 0.0 | 50.2 | 0.6 |
| Hissar | 400 | 419 | 23:20 | 399 | 9:40 | 0.0 | 0.0 | 0.0 | 0.0 |
| Moga | 400 | 421 | 2:59 | 401 | 9:12 | 0.0 | 0.0 | 1.1 | 0.0 |
| Abdullapur | 400 | 426 | 23:23 | 407 | 17:57 | 0.0 | 0.0 | 9.2 | 0.0 |
| Nalagarh | 400 | 428 | 3:00 | 407 | 11:12 | 0.0 | 0.0 | 28.4 | 0.0 |
| Kishenpur | 400 | 424 | 2:28 | 405 | 19:11 | 0.0 | 0.0 | 16.4 | 0.0 |
| Wagoora | 400 | 415 | 16:57 | 390 | 6:39 | 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 | 783 | 13:27 | 750 | 9:45 | 0.0 | 0.0 | 0.0 | 0.0 |
| Balia | 765 | 761 | 6:46 | 733 | 20:22 | 0.0 | 9.3 | 0.0 | 0.0 |
| Moga | 765 | 788 | 3:44 | 755 | 9:39 | 0.0 | 0.0 | 0.0 | 0.0 |
| Agra | 765 | 799 | 19:18 | 760 | 5:08 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bhiwani | 765 | 794 | 23:20 | 759 | 12:13 | 0.0 | 0.0 | 0.0 | 0.0 |
| Unnao | 765 | 776 | 13:28 | 756 | 5:04 | 0.0 | 0.0 | 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 | 477.97 | 414.26 | 474.98 | 350.94 | 276.77 | 461.88 |
| Pong | 426.72 | 384.05 | 400.05 | 216.87 | 402.94 | 288.96 | 86.37 | 61.87 |
| Tehri | 829.79 | 740.04 | 769.35 | 139.50 | 818.65 | 982.26 | 68.22 | 223.00 |
| Koteshwar | 612.50 | 598.50 | 610.20 | 4.44 | 609.90 | 4.44 | 223.00 | 223.00 |
| Chamera-I | 760.00 | 748.75 | NA | NA | NA | NA | 128.16 | 121.13 |
| Rihand | 268.22 | 252.98 | 257.50 | 179.00 | 259.32 | 268.30 | NA | NA |
| RPS | 352.80 | 343.81 | NA | NA | NA | NA | NA | NA |
| Jawahar Sagar | 298.70 | 295.78 | 297.94 | NA | NA | NA | NA | NA |
| RSD | 527.91 | 487.91 | 506.81 | NA | 496.38 | NA | 96.08 | 142.52 |

* NA: Not Available

X. System Constraints:

XI. Grid Disturbance / Any Other Significant Event:

XII. Weather Conditions For 09.04.2013 :

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 : 09.04.2013

पारी प्रभाती अश्विन्ता / SHIFT CHARGE ENGINEER