

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 27.05.2013
Date of Reporting : 28.05.2013

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 |
| 37053 | 405 | 37458 | 50.07 | 38579 | 615 | 39194 | 50.19 | 916.0 | 32.43 |

* 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 | 39.28 | 8.77 | | 48.05 | 100.44 | 101.04 | 0.60 | 149.10 | 0.00 |
| Haryana | 56.05 | 0.62 | | 56.67 | 78.61 | 76.49 | -2.13 | 133.16 | 0.00 |
| Rajasthan | 96.21 | 0.41 | 22.90 | 119.52 | 56.07 | 51.67 | -4.40 | 171.19 | 0.00 |
| Delhi | 30.41 | | | 30.41 | 81.53 | 77.99 | -3.53 | 108.40 | 0.11 |
| UP | 124.32 | 14.57 | 8.40 | 147.28 | 120.29 | 117.73 | -2.57 | 265.01 | 28.76 |
| Uttarakhand | | 15.85 | | 15.85 | 18.41 | 19.47 | 1.05 | 35.32 | 1.49 |
| HP | | 21.89 | | 21.89 | 2.92 | 1.28 | -1.64 | 23.16 | 0.37 |
| J & K | | 13.40 | 0.00 | 13.40 | 17.72 | 11.00 | -6.72 | 24.40 | 1.70 |
| Chandigarh | | | | 0.00 | 5.89 | 6.25 | 0.36 | 6.25 | 0.00 |
| Total | 346.27 | 75.50 | 31.30 | 453.07 | 481.89 | 462.92 | -18.97 | 915.99 | 32.43 |

* 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 | 6447 | 0 | 149 | 1257 | 6218 | 0 | 79 | 1270 | 38.02 |
| Haryana | 5702 | 0 | -525 | 230 | 5632 | 0 | -261 | 16 | 3.23 |
| Rajasthan | 6581 | 0 | -122 | 196 | 6936 | 0 | -431 | 210 | 4.66 |
| Delhi | 4327 | 0 | -293 | -140 | 4379 | 5 | -107 | -96 | 2.81 |
| UP | 9917 | 230 | -427 | 610 | 12115 | 610 | -177 | 2039 | 21.22 |
| Uttarakhand | 1622 | 75 | 80 | 259 | 1461 | 0 | 60 | 123 | 4.78 |
| HP | 922 | 0 | -159 | -975 | 899 | 0 | -1 | -1126 | -23.83 |
| J&K | 1274 | 100 | -29 | -239 | 696 | 0 | -606 | -320 | -6.36 |
| Chandigarh | 262 | 0 | 5 | 0 | 243 | 0 | 28 | 0 | 0.57 |
| Total | 37053 | 405 | -1321 | 1198 | 38579 | 615 | -1417 | 2116 | 45.10 |

* 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 | 1776 | 1990 | 1870 | 41.78 | 1741 | 41.33 | 0.45 | |
| | Rihand I STPS | 1000 | 915 | 930 | 993 | 18.92 | 788 | 19.23 | -0.31 | |
| | Rihand II STPS | 1000 | 965 | 935 | 1038 | 19.89 | 829 | 20.07 | -0.18 | |
| | Rihand III STPS | 500 | 475 | 488 | 502 | 9.88 | 412 | 10.04 | -0.16 | |
| | Dadri I STPS | 840 | 807 | 873 | 675 | 16.34 | 681 | 17.43 | -1.09 | |
| | Dadri II STPS | 980 | 969 | 910 | 820 | 19.01 | 792 | 20.36 | -1.34 | |
| | Unchahar I TPS | 420 | 399 | 374 | 341 | 7.69 | 320 | 8.12 | -0.43 | |
| | Unchahar II TPS | 420 | 397 | 340 | 316 | 7.15 | 298 | 7.27 | -0.12 | |
| | Unchahar III TPS | 210 | 198 | 190 | 193 | 3.72 | 155 | 3.82 | -0.10 | |
| | ISTPP (Jhajjar) | 1500 | 940 | 606 | 608 | 13.42 | 559 | 13.38 | 0.04 | |
| | Dadri GPS | 830 | 790 | 274 | 292 | 6.90 | 287 | 6.93 | -0.03 | |
| | Anta GPS | 419 | 380 | 231 | 181 | 4.87 | 203 | 5.05 | -0.18 | |
| | Auraiva GPS | 663 | 616 | 147 | 151 | 3.42 | 142 | 3.38 | 0.04 | |
| | Sub Total (A) | | 10782 | 9626 | 8288 | 7980 | 172.98 | 7207 | 176.40 | -3.43 |
| | B. NPC | NAPS | 440 | 290 | 332 | 335 | 7.05 | 294 | 6.96 | 0.09 |
| RAPS- B | | 440 | 391 | 431 | 435 | 9.38 | 391 | 9.38 | -0.01 | |
| RAPS- C | | 440 | 395 | 459 | 461 | 9.85 | 410 | 9.48 | 0.37 | |
| Sub Total (B) | | | 1320 | 1076 | 1222 | 1231 | 26.28 | 1095 | 25.82 | 0.45 |
| C. NHPC | Chamera I HPS | 540 | 540 | 540 | 540 | 13.02 | 543 | 12.66 | 0.37 | |
| | Chamera II HPS | 300 | 303 | 307 | 302 | 7.20 | 300 | 7.23 | -0.03 | |
| | Chamera III HPS | 231 | 231 | 233 | 220 | 5.47 | 228 | 5.29 | 0.17 | |
| | Bairasuil HPS | 180 | 182 | 182 | 20 | 3.89 | 162 | 3.89 | 0.00 | |
| | Salal-HPS | 690 | 544 | 655 | 537 | 12.93 | 539 | 13.16 | -0.23 | |
| | Tanakpur-HPS | 94 | 84 | 90 | 73 | 2.01 | 84 | 2.00 | 0.00 | |
| | Uri-HPS | 480 | 480 | 473 | 464 | 11.11 | 463 | 11.20 | -0.09 | |
| | Dhauliganga-HPS | 280 | 280 | 284 | 284 | 6.73 | 280 | 6.88 | -0.15 | |
| | Dulhasti-HPS | 390 | 387 | 406 | 403 | 9.27 | 386 | 9.26 | 0.01 | |
| | Sewa-II HPS | 120 | 93 | 101 | 68 | 1.77 | 74 | 2.01 | -0.23 | |
| | Sub Total (C) | | 3305 | 3123 | 3271 | 2911 | 73.39 | 3058 | 73.57 | -0.19 |
| | D. NJPC | Nathpa Jhakri | 1500 | 1605 | 1623 | 1612 | 38.58 | 1608 | 38.52 | 0.06 |
| Sub Total (D) | | | 1500 | 1605 | 1623 | 1612 | 38.58 | 1608 | 38.52 | 0.06 |
| E. THDC | Tehri HPS | 1000 | 460 | 461 | 465 | 10.20 | 425 | 10.50 | -0.30 | |
| | Koteshwar HPS | 400 | 280 | 275 | 81 | 4.50 | 187 | 4.55 | -0.05 | |
| | Sub Total (E) | | 1400 | 740 | 736 | 546 | 14.69 | 612 | 15.05 | -0.36 |
| F. BBMB | Bhakra HPS | 1480 | 924 | 1229 | 783 | 22.53 | 939 | 22.18 | 0.35 | |
| | Dehar HPS | 990 | 595 | 660 | 600 | 15.31 | 638 | 14.27 | 1.04 | |
| | Pong HPS | 396 | 16 | 120 | 0 | 0.21 | 9 | 0.38 | -0.17 | |
| | Sub Total (F) | | 2866 | 1535 | 2009 | 1383 | 38.05 | 1585 | 36.83 | 1.22 |
| G. IPP(s)/JV(s) | ADHPL HPS(IPP) | 192 | 0 | 187 | 205 | 4.55 | 190 | 5.08 | -0.53 | |
| | KWHEP HPS(IPP) | 1000 | 0 | 1200 | 1200 | 28.39 | 1183 | 28.51 | -0.12 | |
| | Malana Stg-II HPS | 100 | 0 | 80 | 101 | 2.07 | 86 | 1.82 | 0.25 | |
| | Shree Cement TPS | 300 | 0 | 224 | 233 | 5.61 | 234 | 5.60 | 0.01 | |
| | Budhil HPS(IPP) | 70 | 0 | 34 | 0 | 0.58 | 24 | 0.82 | -0.24 | |
| | Sub Total (G) | | 1662 | 0 | 1725 | 1739 | 41.20 | 1717 | 41.83 | -0.63 |
| H. Total Regional Entities (A-G) | | 22836 | 17705 | 18874 | 17402 | 405.16 | 16882 | 408.03 | -2.87 | |

| 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 | 185 | 1020 | 23.33 | 972 |
| | Guru Nanak Dev TPS(Bhatinda) | 440 | 503 | 185 | 4.25 | 177 |
| | Guru Hargobind Singh TPS(L.mbt) | 920 | 535 | 524 | 11.71 | 488 |
| | Thermal (Total) | 2620 | 1223 | 1729 | 39.28 | 1637 |
| | Total Hydro | 1148 | 376 | 376 | 8.77 | 365 |
| | Total Punjab | 3768 | 1599 | 2105 | 48.05 | 2002 |
| Haryana | Panipat TPS | 1367 | 635 | 642 | 14.88 | 620 |
| | DCRTPP (Yamuna nagar) | 600 | 538 | 558 | 12.53 | 522 |
| | Faridabad GPS (NTPC) | 432 | 185 | 217 | 4.07 | 170 |
| | RGTPP (kheadar) (IPP) | 1200 | 1105 | 1103 | 24.57 | 1024 |
| | Magnum Diesel (IPP) | 25 | 0 | 0 | 0.00 | 0 |
| | Jhajjar(CLP) | 1320 | 0 | 0 | 0.00 | 0 |
| | Thermal (Total) | 4944 | 2463 | 2520 | 56.05 | 2336 |
| | Total Hydro | 62 | 30 | 0 | 0.62 | 26 |
| | Total Haryana | 5006 | 2493 | 2520 | 56.67 | 2361 |
| | Rajasthan | kota TPS | 1240 | 1073 | 1051 | 26.13 |
| suratgarh TPS | | 1500 | 979 | 944 | 25.24 | 1052 |
| Chabra TPS | | 500 | 206 | 198 | 5.09 | 212 |
| Dholpur GPS | | 330 | 126 | 120 | 2.93 | 122 |
| Ramgarh GPS | | 111 | 138 | 145 | 3.49 | 145 |
| RAPS A (NPC) | | 300 | 192 | 192 | 4.24 | 177 |
| Barsingsar (NLC) | | 250 | 172 | 206 | 4.66 | 194 |
| Giral LTPS | | 250 | 0 | 92 | 6.91 | 288 |
| Rajwest LTPS (IPP) | | 1080 | 819 | 666 | 17.52 | 730 |
| VSLP LTPS (IPP) | | 135 | 0 | 0 | 0.00 | 0 |
| Thermal (Total) | | 5696 | 3705 | 3614 | 96.21 | 4009 |
| Total Hydro | | 550 | 0 | 0 | 0.41 | 17 |
| Wind power | | 2191 | 286 | 1414 | 20.14 | 839 |
| Biomass | | 91 | 37 | 37 | 0.89 | 37 |
| Solar | | 201 | 0 | 0 | 1.87 | 78 |
| Renewable/Others (Total) | | 2483 | 323 | 1451 | 22.90 | 954 |
| Total Rajasthan | | 8729 | 4028 | 5065 | 119.52 | 4980 |
| UP | Anpara TPS | 1630 | 816 | 1312 | 26.80 | 1117 |
| | Obra TPS | 1288 | 481 | 498 | 10.20 | 425 |
| | Paricha TPS | 1140 | 833 | 777 | 16.90 | 704 |
| | Panki TPS | 210 | 165 | 75 | 2.90 | 121 |
| | Harduaganj TPS | 665 | 458 | 433 | 9.50 | 396 |
| | Tanda TPS (NTPC) | 440 | 400 | 401 | 9.75 | 406 |
| | Roza TPS (IPP) | 1200 | 819 | 999 | 23.18 | 966 |
| | Anpara-C (IPP) | 1200 | 734 | 689 | 16.85 | 702 |
| | Bajaj Energy Pvt.Ltd(IPP) TPS | 450 | 315 | 359 | 8.23 | 343 |
| | Thermal (Total) | 8223 | 5021 | 5543 | 124.32 | 5180 |
| | Vishnuparyag HPS (IPP) | 400 | 436 | 436 | 10.46 | 436 |
| | Other Hydro | 527 | 93 | 190 | 4.11 | 171 |
| | Cogeneration | 981 | 350 | 350 | 8.40 | 350 |
| | Total UP | 10131 | 5900 | 6519 | 147.28 | 5701 |
| Uttarakhand | Total Hydro | 1303 | 687 | 676 | 15.85 | 660 |
| | Total Uttarakhand | 1303 | 687 | 676 | 15.85 | 660 |
| Delhi | Rajghat TPS | 135 | 51 | 47 | 1.35 | 56 |
| | Delhi Gas Turbine | 282 | 185 | 195 | 4.57 | 190 |
| | Pragati Gas Turbine | 330 | 285 | 287 | 6.95 | 289 |
| | Rithala GPS | 95 | 0 | 0 | 0.00 | 0 |
| | Bawana GPS | 686 | 226 | 215 | 5.50 | 229 |
| | Badarpur TPS (NTPC) | 705 | 595 | 500 | 12.05 | 502 |
| | Thermal (Total) | 2232 | 1342 | 1244 | 30.41 | 1267 |
| | Total Delhi | 2232 | 1342 | 1244 | 30.41 | 1267 |
| HP | Baspa HPS (IPP) | 330 | 305 | 305 | 7.45 | 311 |
| | Malana HPS (IPP) | 86 | 77 | 62 | 1.68 | 70 |
| | Other Hydro | 589 | 531 | 515 | 12.75 | 531 |
| | Total HP | 1005 | 913 | 882 | 21.89 | 912 |
| J & K | Baglihar HPS (IPP) | 450 | 436 | 434 | 10.44 | 435 |
| | Other Hydro | 323 | 110 | 128 | 2.95 | 123 |
| | Gas/Diesel/Others | 183 | 0 | 0 | 0.00 | 0 |
| | Total J & K | 956 | 546 | 562 | 13.40 | 558 |
| Total State Control Area Generation | | 33130 | 17508 | 19573 | 453.07 | 18442 |
| J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)] | | | 4152 | 3101 | 76.14 | 3173 |
| Total Regional Availability(Gross) | | 55966 | 40534 | 40076 | 934.37 | 38496 |

IV. Total Hydro Generation:

| | | | | | |
|-----------------------------|--------------|--------------|--------------|---------------|--------------|
| Regional Entities Hydro | 10364 | 9106 | 7958 | 199.73 | 8322 |
| State Control Area Hydro | 5368 | 2645 | 2686 | 75.50 | 2710 |
| Total Regional Hydro | 15731 | 11751 | 10644 | 275.23 | 11032 |

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 | -50 | -50 | 0 | 50 | 0.00 | 1.26 | -1.26 |
| Gwalior-Agra (D/C) | 1218 | 975 | 1218 | 0 | 20.90 | 0.00 | 20.90 |
| Zerda-Kankroli | -45 | -272 | 0 | 348 | 0.00 | 5.45 | -5.45 |
| Zerda-Bhinmal | -8 | -261 | 7 | 322 | 0.00 | 4.57 | -4.57 |
| Malanpur-Auraiya | -94 | -42 | 0 | 94 | 0.00 | 1.54 | -1.54 |
| Badod-Kota/Morak | -110 | -112 | 0 | 158 | 0.00 | 2.60 | -2.60 |
| Mundra-Mohindergarh(HVDC) | 1446 | 1448 | 1450 | 0 | 31.53 | 0.00 | 31.53 |
| Sub Total WR | 2357 | 1686 | | | 52.43 | 15.42 | 37.01 |
| Pusauli Bypass | 100 | 100 | 100 | 0 | 2.41 | 0.00 | 2.41 |
| MZP- GKP (D/C) | 652 | 494 | 828 | 0 | 14.30 | 0.00 | 14.30 |
| Patna-Balia(D/C) | 482 | 458 | 582 | 0 | 11.15 | 0.00 | 11.15 |
| B'Sharif-Balia (D/C) | 298 | 192 | 341 | 0 | 5.97 | 0.00 | 5.97 |
| Pusauli-Balia | -2 | -63 | 25 | 63 | 0.00 | 0.59 | -0.59 |
| Gaya-Fatehpur (765 Kv) | 133 | 102 | 198 | 0 | 3.11 | 0.00 | 3.11 |
| Pusauli-Sahupuri | 168 | 172 | 173 | 0 | 3.85 | 0.00 | 3.85 |
| K'nasa-Sahupuri | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Son Ngr-Rihand | -36 | -40 | 0 | 44 | 0.00 | 1.07 | -1.07 |
| Garhwa-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Sub Total ER | 1795 | 1415 | | | 40.79 | 1.66 | 39.13 |
| Total IR Exch | 4152 | 3101 | | | 93.22 | 17.08 | 76.14 |

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 |
| 32.44 | 1.42 | 33.86 | -2.57 | 6.36 | 4.14 | -0.85 | -1.02 | 1.02 |

| 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 |
| 34.40 | 55.33 | 89.73 | 39.13 | 37.01 | 76.14 | 4.73 | -18.32 | -13.59 |

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 | 0.00 | 80.00 | 80.00 | 75.60 | 20.00 |

| <----- 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 | | | | |
| 50.48 | 8.02 | 49.76 | 14.09 | 50.09 | 0.24 | 0.13 | 50.45 | 49.96 |

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 | 414 | 18:35 | 403 | 14:13 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gorakhpur | 400 | 429 | 08:48 | 408 | 20:57 | 0.0 | 0.0 | 26.5 | 0.0 |
| Bareilly | 400 | 428 | 08:30 | 408 | 20:48 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kanpur | 400 | 420 | 08:01 | 401 | 14:19 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dadri | 400 | 414 | 19:03 | 394 | 12:33 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ballabgarh | 400 | 421 | 06:02 | 111 | 17:32 | 0.3 | 0.3 | 0.0 | 0.0 |
| Bawana | 400 | 415 | 06:02 | 397 | 12:34 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bassi | 400 | 424 | 19:03 | 396 | 12:54 | 0.0 | 0.0 | 3.4 | 0.0 |
| Hissar | 400 | 409 | 19:03 | 392 | 12:09 | 0.0 | 0.0 | 0.0 | 0.0 |
| Moga | 400 | 417 | 06:01 | 402 | 12:15 | 0.0 | 0.0 | 0.0 | 0.0 |
| Abdullapur | 400 | 409 | 19:04 | 397 | 12:08 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nalagarh | 400 | 414 | 05:59 | 401 | 12:11 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kishenpur | 400 | 414 | 02:43 | 400 | 16:47 | 0.0 | 0.0 | 0.0 | 0.0 |
| Wagoora | 400 | 418 | 02:44 | 390 | 16:50 | 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 | 770 | 18:35 | 735 | 22:41 | 0.0 | 13.7 | 0.0 | 0.0 |
| Balia | 765 | 775 | 07:02 | 727 | 14:22 | 0.0 | 21.5 | 0.0 | 0.0 |
| Moga | 765 | 794 | 06:01 | 764 | 12:30 | 0.0 | 0.0 | 0.0 | 0.0 |
| Agra | 765 | 795 | 19:04 | 757 | 12:34 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bhiwani | 765 | 787 | 06:02 | 753 | 12:33 | 0.0 | 0.0 | 0.0 | 0.0 |
| Unnao | 765 | 776 | 07:42 | 741 | 14:20 | 0.0 | 0.8 | 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 | 478.58 | 427.60 | 468.74 | 248.16 | 1282.76 | 818.53 |
| Pong | 426.72 | 384.05 | 399.56 | 209.93 | 400.82 | 237.89 | 268.81 | 14.16 |
| Tehri | 829.79 | 740.04 | 751.90 | 63.00 | 818.65 | 982.26 | 287.27 | 336.00 |
| Koteshwar | 612.50 | 598.50 | NA | NA | NA | NA | NA | NA |
| Chamera-I | 760.00 | 748.75 | 758.86 | NA | NA | NA | 409.52 | 351.58 |
| Rihand | 268.22 | 252.98 | 255.61 | 112.60 | 256.43 | 133.70 | 312.77 | NA |
| RPS | 352.80 | 343.81 | 347.37 | NA | NA | NA | NA | 16.71 |
| Jawahar Sagar | 298.70 | 295.78 | 297.94 | NA | NA | NA | NA | 37.38 |
| RSD | 527.91 | 487.91 | 508.69 | NA | 508.48 | NA | 284.33 | 157.38 |

* NA: Not Available

X. System Constraints:

XI. Grid Disturbance / Any Other Significant Event:

XII. Weather Conditions For 27.05.2013 :

1. Hot weather& Hot waves Condition prevailing in NR.

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 : 27.05.2013

पारी प्रभाती अश्विन्ता / SHIFT CHARGE ENGINEER