

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 27.02.2012
Date of Reporting : 28.02.2012

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 |
| 31046 | 2524 | 33570 | 49.71 | 26245 | 350 | 26595 | 49.95 | 698.5 | 51.07 |

* 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 | 49.43 | 12.70 | | 62.13 | 37.04 | 36.59 | -0.45 | 98.72 | 1.80 |
| Haryana | 45.05 | 0.56 | | 45.61 | 25.47 | 44.93 | 19.46 | 90.54 | 15.35 |
| Rajasthan | 87.48 | 5.05 | 10.17 | 102.69 | 52.17 | 59.63 | 7.47 | 162.32 | 1.90 |
| Delhi | 28.44 | | | 28.44 | 38.57 | 27.48 | -11.09 | 55.92 | 0.01 |
| UP | 82.83 | 7.71 | 14.40 | 104.95 | 89.75 | 99.26 | 9.51 | 204.21 | 27.44 |
| Uttarakhand | | 9.42 | | 9.42 | 15.69 | 17.78 | 2.09 | 27.20 | 2.27 |
| HP | | 4.85 | | 4.85 | 19.05 | 18.14 | -0.90 | 23.00 | 0.00 |
| J & K | | 5.57 | 0.00 | 5.57 | 27.01 | 27.34 | 0.33 | 32.91 | 2.30 |
| Chandigarh | | | | 0.00 | 3.63 | 3.67 | 0.05 | 3.67 | 0.00 |
| Total | 293.23 | 45.86 | 24.57 | 363.65 | 308.36 | 334.82 | 26.46 | 698.47 | 51.07 |

* 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 (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 | |
| Punjab | 4646 | 150 | -74 | -507 | 3715 | 0 | 243 | -407 | -6.88 |
| Haryana | 4396 | 824 | 968 | -127 | 3425 | 0 | 601 | -127 | -3.05 |
| Rajasthan | 6183 | 0 | -23 | 62 | 6593 | 0 | 776 | 112 | 5.45 |
| Delhi | 2988 | 0 | -91 | -113 | 1259 | 0 | -783 | -385 | -4.82 |
| UP | 8919 | 1330 | 521 | 265 | 8135 | 350 | 506 | 265 | 6.36 |
| Uttarakhand | 1210 | 70 | -31 | 350 | 954 | 0 | 126 | 350 | 8.40 |
| HP | 1014 | 0 | -123 | 223 | 696 | 0 | 45 | 323 | 7.25 |
| J&K | 1507 | 150 | -10 | 248 | 1358 | 0 | 107 | 254 | 5.67 |
| Chandigarh | 183 | 0 | -25 | 0 | 110 | 0 | 28 | -41 | -0.33 |
| Total | 31046 | 2524 | 1112 | 401 | 26245 | 350 | 1649 | 344 | 18.06 |

* 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 | 1960 | 2099 | 2108 | 47.51 | 1980 | 47.04 | 0.47 |
| | Rihand I STPS | 1000 | 920 | 999 | 1000 | 22.24 | 927 | 22.08 | 0.16 |
| | Rihand II STPS | 1000 | 975 | 1045 | 1043 | 23.63 | 985 | 23.40 | 0.23 |
| | Dadri I STPS | 840 | 614 | 690 | 598 | 14.52 | 605 | 14.42 | 0.10 |
| | Dadri II STPS | 980 | 736 | 981 | 699 | 17.40 | 725 | 17.32 | 0.07 |
| | Unchahar I TPS | 440 | 406 | 435 | 442 | 9.98 | 416 | 9.65 | 0.32 |
| | Unchahar II TPS | 440 | 403 | 441 | 442 | 9.48 | 395 | 9.51 | -0.03 |
| | Unchahar III TPS | 210 | 202 | 226 | 220 | 4.87 | 203 | 4.80 | 0.06 |
| | ISTPP (Jhajjar) | 1000 | 0 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 |
| | Dadri GPS | 830 | 841 | 708 | 430 | 14.93 | 622 | 15.27 | -0.35 |
| | Anta GPS | 419 | 423 | 354 | 287 | 7.99 | 333 | 7.76 | 0.23 |
| | Auraiya GPS | 663 | 645 | 325 | 290 | 7.44 | 310 | 7.61 | -0.17 |
| | Sub Total (A) | 9822 | 8125 | 8303 | 7559 | 179.99 | 7499 | 178.89 | 1.10 |
| B. NPC | NAPS | 440 | 175 | 260 | 160 | 4.07 | 169 | 4.20 | -0.13 |
| | RAPS- B | 440 | 424 | 465 | 470 | 10.13 | 422 | 10.18 | -0.05 |
| | RAPS- C | 440 | 420 | 469 | 474 | 10.22 | 426 | 10.08 | 0.14 |
| | Sub Total (B) | 1320 | 1019 | 1194 | 1104 | 24.41 | 1017 | 24.45 | -0.04 |
| C. NHPC | Chamera I HPS | 540 | 534 | 534 | 0 | 4.52 | 188 | 4.47 | 0.05 |
| | Chamera II HPS | 300 | 297 | 202 | 0 | 1.53 | 64 | 1.73 | -0.20 |
| | Bairasuil HPS | 180 | 179 | 179 | 0 | 1.86 | 78 | 1.69 | 0.17 |
| | Salal-HPS | 690 | 165 | 308 | 124 | 4.05 | 169 | 3.74 | 0.31 |
| | Tanakpur-HPS | 94 | 24 | 24 | 17 | 0.48 | 20 | 0.48 | 0.01 |
| | Uri-HPS | 480 | 344 | 355 | 275 | 8.25 | 344 | 7.88 | 0.38 |
| | Dhauliganga-HPS | 280 | 277 | 246 | 0 | 0.76 | 31 | 0.75 | 0.01 |
| | Dulhasti-HPS | 390 | 0 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 |
| | Sewa-II HPS | 120 | 119 | 124 | 79 | 2.76 | 115 | 2.74 | 0.02 |
| | Sub Total (C) | 3074 | 1939 | 1972 | 495 | 24.21 | 1009 | 23.47 | 0.74 |
| D. NJPC | Nathpa Jhakri | 1500 | 1333 | 658 | 0 | 5.58 | 233 | 5.52 | 0.06 |
| | Sub Total (D) | 1500 | 1333 | 658 | 0 | 5.58 | 233 | 5.52 | 0.06 |
| E. THDC | Tehri HPS | 1000 | 850 | 858 | 0 | 8.07 | 336 | 8.00 | 0.07 |
| | Koteshwar HPS | 200 | 194 | 0 | 0 | 2.70 | 112 | 2.60 | 0.09 |
| | Sub Total (E) | 1200 | 1044 | 858 | 0 | 10.77 | 449 | 10.60 | 0.17 |
| F. BBMB | Bhakra HPS | 1480 | 750 | 994 | 416 | 18.48 | 770 | 17.99 | 0.49 |
| | Dehar HPS | 990 | 139 | 495 | 0 | 3.64 | 152 | 3.34 | 0.30 |
| | Pong HPS | 396 | 178 | 306 | 60 | 4.63 | 193 | 4.28 | 0.35 |
| | Sub Total (F) | 2866 | 1067 | 1795 | 476 | 26.75 | 1115 | 25.61 | 1.14 |
| G. IPP(s)/JV(s) | ADHPL HPS(IPP) | 192 | 0 | 0 | 0 | 0.24 | 10 | 0.23 | 0.01 |
| | KWHEP HPS(IPP) | 1000 | 0 | 150 | 0 | 2.23 | 93 | 2.03 | 0.20 |
| | Malana Stg-II HPS | 100 | 0 | 0 | 0 | 0.00 | 0 | 0.00 | 0.00 |
| | Shree Cement TPS | 150 | 0 | 145 | 146 | 3.49 | 145 | 3.46 | 0.03 |
| | Sub Total (G) | 1442 | 0 | 295 | 146 | 5.95 | 248 | 5.71 | 0.24 |
| H. Total Regional Entities (A-G) | 21225 | 14526 | 15075 | 9780 | 277.66 | 11569 | 274.25 | 3.41 | |

| 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 | 1045 | 1045 | 23.14 | 964 |
| | Guru Nanak Dev TPS(Bhatinda) | 440 | 219 | 219 | 4.74 | 197 |
| | Guru Hargobind Singh TPS(L.mbt) | 920 | 969 | 966 | 21.56 | 898 |
| | Thermal (Total) | 2620 | 2233 | 2230 | 49.43 | 2060 |
| | Total Hydro | 1148 | 621 | 270 | 12.70 | 529 |
| | Total Punjab | 3768 | 2854 | 2500 | 62.13 | 2589 |
| Haryana | Panipat TPS | 1360 | 603 | 622 | 14.85 | 619 |
| | DCRTPP (Yamuna nagar) | 600 | 279 | 279 | 6.59 | 275 |
| | Faridabad GPS (NTPC) | 432 | 415 | 435 | 10.25 | 427 |
| | RGTPP (kheldar) (IPP) | 1200 | 565 | 510 | 13.37 | 557 |
| | Magnum Diesel (IPP) | 25 | 0 | 0 | 0.00 | 0 |
| | Jhajjar(CLP) | 660 | 0 | 0 | 0.00 | 0 |
| | Thermal (Total) | 4277 | 1862 | 1846 | 45.05 | 1877 |
| | Total Hydro | 62 | 23 | 24 | 0.56 | 23 |
| | Total Haryana | 4339 | 1885 | 1870 | 45.61 | 1900 |
| Rajasthan | kota TPS | 1240 | 1163 | 1170 | 27.71 | 1155 |
| | suratgarh TPS | 1500 | 114 | 1135 | 26.81 | 1117 |
| | Chabra TPS | 500 | 288 | 371 | 8.28 | 345 |
| | Dholpur GPS | 330 | 231 | 235 | 5.53 | 231 |
| | Ramgarh GPS | 113 | 41 | 44 | 1.07 | 44 |
| | RAPS A (NPC) | 300 | 182 | 184 | 4.53 | 189 |
| | Barsingsar (NLC) | 250 | 87 | 80 | 2.50 | 104 |
| | Giral LTPS (IPP) | 250 | 0 | 0 | 0.00 | 0 |
| | Rajwest LTPS (IPP) | 540 | 457 | 410 | 11.04 | 460 |
| | VSLP LTPS (IPP) | 135 | 0 | 0 | 0.00 | 0 |
| | Thermal (Total) | 5158 | 2563 | 3629 | 87.48 | 3645 |
| | Total Hydro | 550 | 212 | 149 | 5.05 | 210 |
| | Wind power | 1294 | 39 | 296 | 3.93 | 164 |
| | Biomass | 71 | 50 | 50 | 1.20 | 50 |
| | Solar | 50 | 0 | 0 | 0.00 | 0 |
| | Renewable/Others (Total) | 1365 | 89 | 346 | 10.17 | 424 |
| | | Total Rajasthan | 7073 | 2864 | 4124 | 102.69 |
| UP | Anpara TPS | 1630 | 975 | 1027 | 21.60 | 900 |
| | Obra TPS | 1442 | 640 | 649 | 13.90 | 579 |
| | Paricha TPS | 640 | 244 | 240 | 5.20 | 217 |
| | Panki TPS | 210 | 150 | 165 | 3.10 | 129 |
| | Harduaganj TPS | 415 | 279 | 310 | 5.60 | 233 |
| | Tanda TPS (NTPC) | 440 | 401 | 403 | 9.80 | 408 |
| | Roza TPS (IPP) | 900 | 549 | 391 | 12.21 | 509 |
| | Anpara-C (IPP) | 1200 | 387 | 356 | 9.11 | 380 |
| | Bajaj Energy Pvt.Ltd(IPP) TPS | 180 | 104 | 84 | 2.32 | 96 |
| | Thermal (Total) | 7057 | 3729 | 3625 | 82.83 | 3451 |
| | Vishnuparyag HPS (IPP) | 400 | 69 | 74 | 1.69 | 70 |
| | Other Hydro | 527 | 280 | 0 | 6.03 | 251 |
| | Cogeneration | 951 | 600 | 600 | 14.40 | 600 |
| | | Total UP | 8935 | 4678 | 4299 | 104.95 |
| Uttarakhand | Total Hydro | 1303 | 407 | 300 | 9.42 | 392 |
| | Total Uttarakhand | 1303 | 407 | 300 | 9.42 | 392 |
| Delhi | Rajghat TPS | 135 | 92 | 100 | 2.38 | 99 |
| | Delhi Gas Turbine | 282 | 82 | 0 | 0.50 | 21 |
| | Pragati Gas Turbine | 330 | 307 | 307 | 7.62 | 317 |
| | Rithala GPS | 108 | 26 | 27 | 0.64 | 27 |
| | Bawana GPS | 440 | 22 | 35 | 3.47 | 144 |
| | Badarpur TPS (NTPC) | 705 | 575 | 560 | 13.84 | 577 |
| | Thermal (Total) | 2000 | 1104 | 1175 | 28.44 | 1185 |
| | | Total Delhi | 2000 | 1104 | 1175 | 28.44 |
| HP | Baspa HPS (IPP) | 330 | 0 | 0 | 0.96 | 40 |
| | Malana HPS (IPP) | 101 | 43 | 0 | 0.27 | 11 |
| | Other Hydro | 571 | 165 | 79 | 3.62 | 151 |
| | | Total HP | 1002 | 208 | 79 | 5 |
| J & K | Baglihar HPS (IPP) | 450 | 150 | 148 | 3.60 | 150 |
| | Other Hydro | 323 | 84 | 89 | 1.97 | 82 |
| | Gas/Diesel/Others | 183 | 0 | 0 | 0.00 | 0 |
| | | Total J & K | 956 | 234 | 237 | 5.57 |
| Total State Control Area Generation | | 29376 | 14234 | 14584 | 363.65 | 15082 |
| J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)] | | | 2305 | 3139 | 70.93 | 2955 |
| Total Regional Availability(Gross) | | 50601 | 31614 | 27503 | 712.25 | 29607 |

IV. Total Hydro Generation:

| | | | | | |
|-----------------------------|--------------|-------------|-------------|---------------|-------------|
| Regional Entities Hydro | 9933 | 5433 | 971 | 69.78 | 2908 |
| State Control Area Hydro | 5365 | 1985 | 1059 | 44.17 | 1840 |
| Total Regional Hydro | 15297 | 7418 | 2030 | 113.95 | 4748 |

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 | 0 | 100 | 100 | 0 | 2.01 | 0.00 | 2.01 |
| Gwalior-Agra (D/C) | 673 | 1054 | 1303 | 0 | 23.57 | 0.00 | 23.57 |
| Zerda-Kankroli | -3 | 30 | 108 | 88 | 0.64 | 0.00 | 0.64 |
| Zerda-Bhinmal | 70 | 119 | 288 | 29 | 3.03 | 0.00 | 3.03 |
| Malanpur-Auraiya | -33 | 6 | 6 | 82 | 0.00 | 0.39 | -0.39 |
| Badod-Kota/Morak | 55 | 20 | 76 | 19 | 0.33 | 0.00 | 0.33 |
| Sub Total WR | 762 | 1329 | | | 29.58 | 0.39 | 29.19 |
| Pusauli Bypass | 62 | 98 | 217 | 139 | 2.65 | 0.28 | 2.37 |
| MZP- GKP (D/C) | 310 | 505 | 585 | 0 | 10.31 | 0.00 | 10.31 |
| Patna-Balia(D/C) | 622 | 523 | 824 | 0 | 15.25 | 0.00 | 15.25 |
| B'Sharif-Balia (D/C) | 441 | 588 | 667 | 0 | 11.43 | 0.00 | 11.43 |
| Barh - balia(D/C) | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Pusauli-Sahupuri | 138 | 128 | 174 | 0 | 3.18 | 0.00 | 3.18 |
| K'nasa-Sahupuri | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Son Ngr-Rihand | -30 | -32 | 0 | 48 | 0.00 | 0.81 | -0.81 |
| Garhwa-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Sub Total ER | 1543 | 1810 | | | 42.83 | 1.09 | 41.74 |
| Total IR Exch | 2305 | 3139 | | | 72.41 | 1.48 | 70.93 |

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 |
| 27.64 | 0.23 | 27.87 | 6.21 | 10.30 | 1.33 | -1.05 | 1.95 | -1.95 |

| Total IR Schedule (MU) | | | Total IR Actual (MU) | | | Net IR UI (MU) | | |
|------------------------|------------|-------|----------------------|------------|-------|----------------|------------|-------|
| Through ER | Through WR | Total | Through ER | Through WR | Total | Through ER | Through WR | Total |
| 37.35 | 4.80 | 42.16 | 41.74 | 29.19 | 70.93 | 4.39 | 24.39 | 28.77 |

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 | 0.40 | 2.40 | 28.40 | 96.70 | 70.70 | 10.20 | 0.90 |

| <----- Frequency (Hz) -----> | | | | Average Frequency Hz | Frequency Variation Index | Std. Dev. | Frequency in 15 Min Block | |
|------------------------------|-------|---------|------|----------------------|---------------------------|-----------|---------------------------|----------|
| Maximum | | Minimum | | | | | MAX (Hz) | MIN (Hz) |
| Freq | Time | Freq | Time | | | | | |
| 50.36 | 17.06 | 49.05 | 6.54 | 49.80 | 0.68 | 0.16 | 50.30 | 49.45 |

VII. Voltage profile

| 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 | 407 | 05:07 | 398 | 12:11 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gorakhpur | 400 | 430 | 20:54 | 408 | 08:13 | 0.0 | 0.0 | 32.5 | 0.0 |
| Bareilly | 400 | 421 | 04:01 | 394 | 10:30 | 0.0 | 0.0 | 0.3 | 0.0 |
| Kanpur | 400 | 416 | 04:01 | 392 | 12:09 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dadri | 400 | 421 | 03:59 | 398 | 12:11 | 0.0 | 0.0 | 0.8 | 0.0 |
| Ballabgarh | 400 | 426 | 05:04 | 398 | 10:06 | 0.0 | 0.0 | 15.7 | 0.0 |
| Bawana | 400 | 427 | 05:07 | 398 | 10:15 | 0.0 | 0.0 | 17.5 | 0.0 |
| Bassi | 400 | 421 | 05:04 | 391 | 09:16 | 0.0 | 0.0 | 0.5 | 0.0 |
| Hissar | 400 | 418 | 05:05 | 392 | 10:48 | 0.0 | 0.0 | 0.0 | 0.0 |
| Moga | 400 | 429 | 05:04 | 402 | 10:51 | 0.0 | 0.0 | 23.7 | 0.0 |
| Abdullapur | 400 | 427 | 05:07 | 292 | 19:28 | 0.1 | 0.1 | 17.8 | 0.0 |
| Nalagarh | 400 | 427 | 05:04 | 401 | 11:08 | 0.0 | 0.0 | 38.0 | 0.0 |
| Kishenpur | 400 | 421 | 04:01 | 395 | 16:44 | 0.0 | 0.0 | 0.7 | 0.0 |
| Wagoora | 400 | 404 | 03:58 | 378 | 16:45 | 2.2 | 65.3 | 0.0 | 0.0 |

VIII. 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 | 488.13 | 671.08 | 494.19 | 869.36 | 158.63 | 566.00 |
| Pong | 426.72 | 384.05 | 408.36 | 444.61 | 411.81 | 555.85 | 79.54 | 299.85 |
| Tehri | 829.79 | 740.04 | 785.50 | 385.20 | 818.65 | 982.26 | 51.60 | 214.00 |
| Koteshwar | 612.50 | 598.50 | 608.60 | 3.98 | NA | NA | 211.00 | 189.00 |
| Chamera-I | 760.00 | 748.75 | NA | NA | NA | NA | 105.85 | 103.21 |
| Rihand | 268.22 | 252.98 | 261.52 | 390.50 | 255.94 | 113.80 | NA | NA |
| RPS | 352.80 | 343.81 | 348.56 | NA | NA | NA | NA | 228.74 |
| Jawahar Sagar | 298.70 | 295.78 | 297.80 | NA | NA | NA | NA | 239.84 |
| RSD | 527.91 | 487.91 | 498.39 | NA | 504.41 | NA | 136.09 | 199.89 |

* NA: Not Available

IX. System Constraints:

X. Grid Disturbance / Any Other Significant Event:

XI. Weather Conditions For 27.02.2012 :

1. Normal Weather.

XII. Synchronisation of new generating units :

XIII. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus //substation :

XIV. Tripping of lines in pooling stations :

XV. Complete generation loss in a generating station :

Report for : 27.02.2012

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER