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EXHIBITS

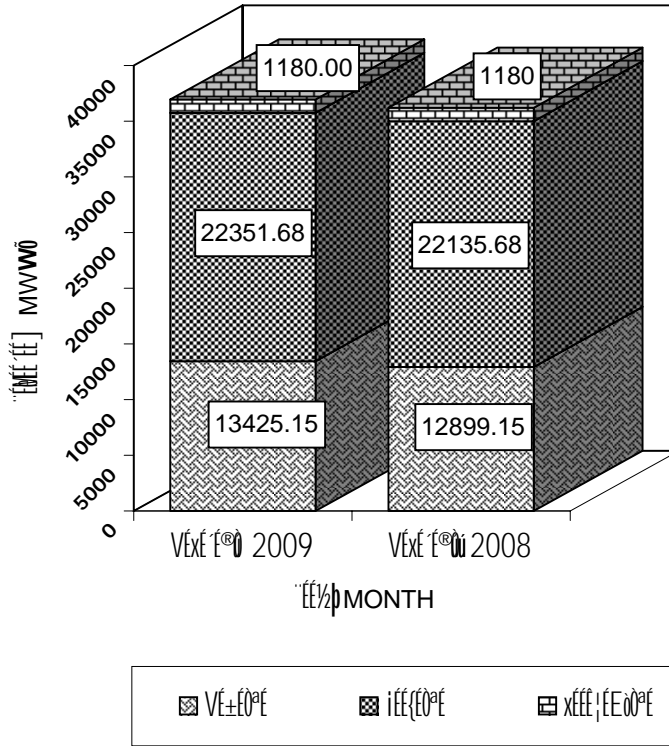
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|-----------|--|--|
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1.. उत्तर क्षेत्रीय विद्युत प्रणाली के मुख्य लक्षण
SALIENT FEATURES OF NORTHERN REGIONAL POWER GRID

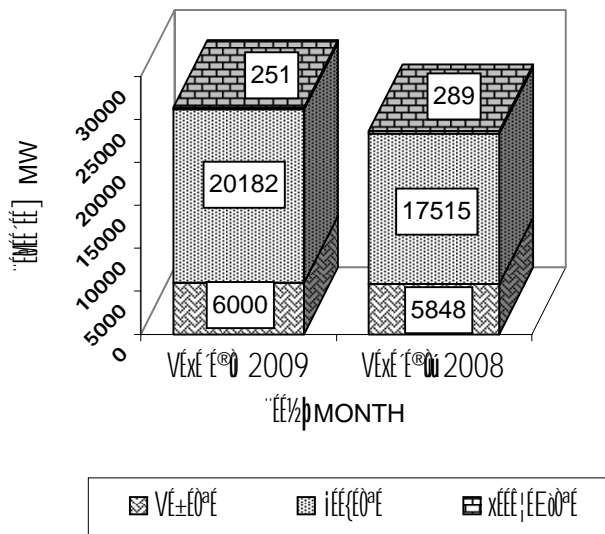
*220 kV Kota-Badod-Ujjain and 220 kV Morak-Badod-Ujjain link(interconnection of NR with WR) synchronized on 24th Jan.09.

| Sl.No. | लक्षण | वर्ष 2009 Jan.09 | वर्ष 2008 Jan.08 | परिवर्तन CHANGE | FEATURES |
|--------|--|---------------------|---------------------|--------------------|---|
| 1 | स्थापित क्षमता (MW) | 38723.20 | 37486.11 | 1237.09 | Installed Capacity (MW) |
| 2 | आवश्यकता (MW) | 33169 | 31848 | 1321.00 | Requirement (MW) |
| 3 | उपलब्धता (MW) | 28911 | 26097 | 2814.00 | Availability(MW) |
| 4 | कमبود (MW) | 4258 | 5751 | -1493.00 | Shortage(MW) |
| 5 | कमبود (%) | 12.84 | 18.06 | -5.22 | % Shortage |
| 6 | आवश्यकता (MU/day) | 625.83 | 598.03 | 27.80 | Requirement (MU/day) |
| 7 | उपलब्धता (MU/day) | 546.17 | 496.89 | 49.28 | Availability (MU/day) |
| 8 | कमبود (MU/day) | 79.66 | 101.14 | -21.48 | Shortage(MU/day) |
| 9 | कमبود (%) | 12.73 | 16.91 | -4.18 | % Shortage |
| 10 | उत्पादन (MU/day) | | | | Generation (MU/day) |
| | Hydro | 95.39 | 80.38 | 15.01 | Hydro |
| | Coal | 394.31 | 374.88 | 19.43 | Coal |
| | Gas | 51.82 | 53.95 | -2.13 | Gas |
| | Nuclear | 6.99 | 6.90 | 0.09 | Nuclear |
| | Total (MU/day) | 564.42 | 524.69 | 39.73 | Total (MU/day) |
| | Export(MU/day) | 6.22 | 6.83 | -0.61 | Export(MU/day) |
| | Import(MU/day) | 42.65 | 47.81 | -5.16 | Import(MU/day) |
| | Net Exp. (-) / Net Imp. (+) (MU/day) | 36.44 | 40.98 | -4.54 | Net Exp. (-) / Net Imp. (+) (MU/day) |
| 11 | उत्पादन (on peak day at Peak Hr) | | | | Generation(on peak day at Peak Hr) |
| | Hydro | 6000 | 5848 | 152.00 | Hydro |
| | Coal | 15951 | 14825 | 1126.00 | Coal |
| | Gas | 4231 | 2690 | 1541.00 | Gas |
| | Nuclear | 251 | 289 | -38.00 | Nuclear |
| | Total (MW) | 26535 | 23652 | 2883.00 | Total (MW) |
| | Inter-regional transfer (At Peak Hr.) | | | | Inter-regional transfer (At Peak Hr.) |
| | Export(MW) | 120 | 66 | 54 | Export(MW) |
| | Import(MW) | 2496 | 2511 | -15 | Import(MW) |
| | Net Export (-) / Import (+) (MW) | 2376 | 2445 | -69 | Net Export (-) / Import (+) (MW) |
| 12 | मुख्य रिजोयवर्स के स्तर (Mtrs.) | | | | Levels of Major Reservoirs on the last day of the month(Mtrs.) |
| i | Bhakra | 493.39 | 484.82 | 8.57 | Bhakra |
| ii | Pong | 411.64 | 397.95 | 13.69 | Pong |
| III | Rihand | 259.05 | 257.46 | 1.59 | Rihand |
| iv | Rana Pratap Sagar | 345.16 | 352.14 | -6.98 | Rana Pratap Sagar |
| v | Gandhi Sagar | 384.77 | 390.46 | -5.69 | Gandhi Sagar |

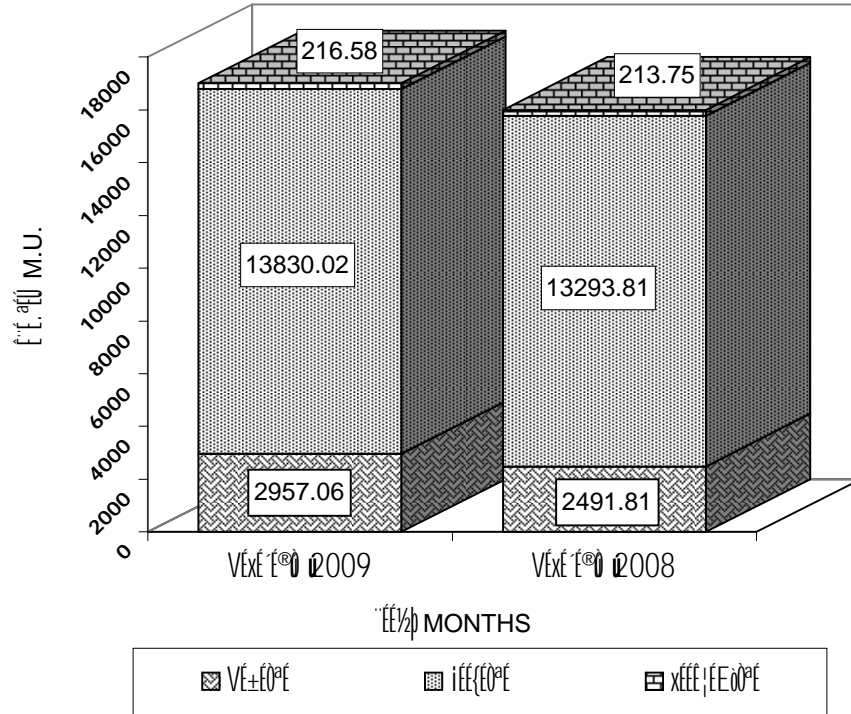
2...उत्तरी पाँवर ग्रिड की संस्थापितक्षमता
INSTALLED CAPACITY OF NORTHERN POWER GRID



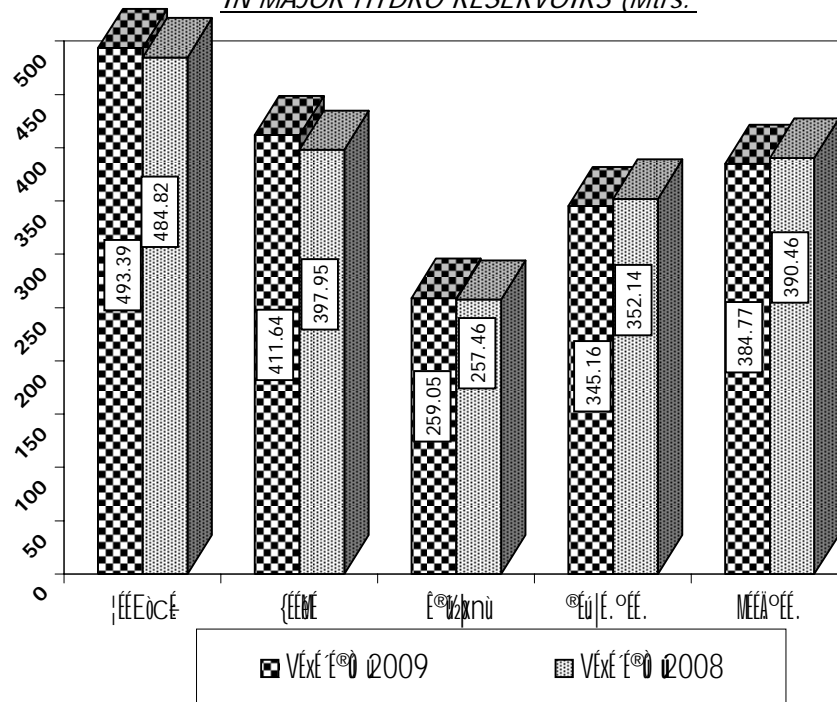
उच्चतम उपलब्धता पर उत्पादन
GENERATION AT PEAK AVAILABILITY



3. कुल उत्पादित विद्युत
GROSS ENERGY GENERATION



माह के अन्तिम दिन मुख्य जलाशयों का दर्ज किया गया स्तर
LEVELS RECORDED ON MONTH'S LAST DAY
IN MAJOR HYDRO RESERVOIRS (Mtrs.)



4... 2009 +

POWER SUPPLY POSITION FOR THE MONTH OF JANUARY, 2009

Average Energy /day (Net)

| State/UT | Availability (MU/day) | Requirement (MU/day) | Shortage | Shortage % | State/UT |
|-------------|-----------------------|----------------------|----------|------------|-------------|
| Chandigarh | 3.46 | 3.46 | 0.00 | 0.00 | Chandigarh |
| Delhi | 52.20 | 52.68 | 0.48 | 0.91 | Delhi |
| Haryana | 69.99 | 78.11 | 8.12 | 10.40 | Haryana |
| H.P. | 17.86 | 17.92 | 0.06 | 0.33 | H.P. |
| J & K | 27.68 | 36.89 | 9.21 | 24.97 | J & K |
| Punjab | 79.11 | 92.31 | 13.20 | 14.30 | Punjab |
| Rajasthan | 120.82 | 121.86 | 1.04 | 0.85 | Rajasthan |
| U.P. | 150.20 | 197.65 | 47.45 | 24.01 | U.P. |
| Uttarakhand | 22.82 | 22.92 | 0.10 | 0.44 | Uttarakhand |
| Railways | 2.03 | 2.03 | 0.00 | 0.00 | Railways |
| Region | 546.17 | 625.83 | 79.66 | 12.73 | Region |

Peak MW

| State/UT | Availability (MW) | Requirement (MW) | Shortage | Shortage % | State/UT |
|-------------|-------------------|------------------|----------|------------|-------------|
| Chandigarh | 199 | 199 | 0 | 0.00 | Chandigarh |
| Delhi | 3231 | 3262 | 31 | 0.95 | Delhi |
| Haryana | 4039 | 4822 | 783 | 16.24 | Haryana |
| H.P. | 991 | 1055 | 64 | 6.07 | H.P. |
| J & K | 1350 | 2120 | 770 | 36.32 | J & K |
| Punjab | 4676 | 5563 | 887 | 15.94 | Punjab |
| Rajasthan | 6101 | 6303 | 202 | 3.20 | Rajasthan |
| U.P. | 7546 | 10314 | 2768 | 26.84 | U.P. |
| Uttarakhand | 1267 | 1267 | 0 | 0.00 | Uttarakhand |
| Railways | 95 | 95 | 0 | 0.00 | Railways |
| Region | 28911 | 33169 | 4258 | 12.84 | Region |

Peak Availability on 23.01.09 0007hrs at 49.09 Hz.
Diversity Factor 1.02

5... ' = kÉ@D lÉgÉ 'Éa ÉiÉÉÉÉÉÉ ÉiÉÉÉa nÉ@ÉÉ ÉÉÉÉÉÉÉ ÉÉÉÉÉÉÉ ÉÉÉÉÉÉÉ 'ÉaÉ ÉÉÉÉÉÉ +ÉÉÉÉÉÉ ÉÉÉÉÉÉ

OWER SUPPLY POSITION IN NORTHERN REGION DURING CURRENT YEAR AS COMPARED TO PREVIOUS YEAR

+ . +ÉÉÉÉÉÉ >@ÉÉÉÉÉÉ (xÉÉÉÉ)

A. AVERAGE ENERGY (NET)

| ÉÉÉÉÉÉ | 2 0 0 8 - 2 0 0 9 | | | | | 2 0 0 7 - 2 0 0 8 | | | | | MONTH |
|----------|------------------------|---|--|---------------------|---|---|---|--|---------------------|---|-----------|
| | ÉÉÉÉÉÉ (ÉÉÉÉÉÉ/ÉÉÉÉÉÉ) | =ÉÉÉÉÉÉÉÉ (ÉÉÉÉÉÉ/ÉÉÉÉÉÉ) AVAILABILITY (MU/DAY) | ÉÉÉÉÉÉ (ÉÉÉÉÉÉ/ÉÉÉÉÉÉ) SHORTAGE (MU/DAY) | ÉÉÉÉÉÉÉÉ % SHORTAGE | +ÉÉÉÉÉÉ +ÉÉÉÉÉÉ (%@ÉÉÉÉÉÉ) AVERAGE FREQUENCY (Hz) | ÉÉÉÉÉÉ (ÉÉÉÉÉÉ/ÉÉÉÉÉÉ) REQUIREMENT (MU/DAY) | =ÉÉÉÉÉÉÉÉ (ÉÉÉÉÉÉ/ÉÉÉÉÉÉ) AVAILABILITY (MU/DAY) | ÉÉÉÉÉÉ (ÉÉÉÉÉÉ/ÉÉÉÉÉÉ) SHORTAGE (MU/DAY) | ÉÉÉÉÉÉÉÉ % SHORTAGE | +ÉÉÉÉÉÉ +ÉÉÉÉÉÉ (%@ÉÉÉÉÉÉ) AVERAGE FREQUENCY (Hz) | |
| + ÉÉÉÉ | 557.68 | 480.29 | 77.39 | 13.88 | 49.22 | 547.09 | 504.79 | 42.30 | 7.73 | 49.33 | APRIL |
| 'É<É | 592.01 | 535.36 | 56.65 | 9.57 | 49.64 | 588.69 | 555.22 | 33.47 | 5.69 | 49.63 | MAY |
| VÉÉÉÉ | 616.21 | 571.75 | 44.46 | 7.22 | 49.56 | 644.58 | 601.83 | 42.75 | 6.63 | 49.66 | JUNE |
| VÉÉÉÉÉ<É | 700.25 | 624.70 | 75.55 | 10.79 | 49.31 | 655.21 | 611.82 | 43.39 | 6.62 | 49.69 | JULY |
| +MÉÉÉÉ | 657.89 | 610.58 | 47.31 | 7.19 | 49.55 | 667.92 | 617.09 | 50.83 | 7.61 | 49.61 | AUGUST |
| ÉÉÉÉÉÉÉÉ | 664.56 | 592.87 | 71.69 | 10.79 | 49.40 | 627.27 | 578.10 | 49.17 | 7.84 | 49.66 | SEPTEMBER |
| +C]ÉÉÉÉ | 637.10 | 568.86 | 68.24 | 10.71 | 49.41 | 575.41 | 512.29 | 63.12 | 10.97 | 49.37 | OCTOBER |
| xÉÉÉÉÉ | 594.34 | 522.70 | 71.64 | 12.05 | 49.53 | 552.21 | 490.43 | 61.78 | 11.19 | 49.29 | NOVEMBER |
| ÉÉÉÉÉÉÉÉ | 600.73 | 532.04 | 68.69 | 11.43 | 49.60 | 571.02 | 492.00 | 79.02 | 13.84 | 49.29 | DECEMBER |
| VÉÉÉÉÉÉ | 626.83 | 546.17 | 79.66 | 12.73 | 49.58 | 598.03 | 496.89 | 101.14 | 16.91 | 49.22 | JANUARY |
| jÉÉÉÉÉ | | | | | | 607.66 | 501.76 | 105.90 | 17.43 | 49.20 | FEBRUARY |
| 'ÉÉÉÉÉ | | | | | | 597.42 | 506.35 | 91.07 | 15.24 | 49.21 | MARCH |

ÉÉ. =SÉÉÉÉÉÉ ÉÉÉÉÉ

B. PEAK DEMAND

| ÉÉÉÉÉÉ | 2 0 0 8 - 2 0 0 9 | | | | | 2 0 0 7 - 2 0 0 8 | | | | | MONTH |
|----------|-------------------|---------------------------------------|---------------------------------|---------------------|---|-----------------------------------|---------------------------------------|---------------------------------|---------------------|---|-----------|
| | ÉÉÉÉÉÉ (ÉÉÉÉÉÉÉÉ) | =ÉÉÉÉÉÉÉÉ (ÉÉÉÉÉÉÉÉ) AVAILABILITY(MW) | ÉÉÉÉÉÉ (ÉÉÉÉÉÉÉÉ) SHORTAGE (MW) | ÉÉÉÉÉÉÉÉ % SHORTAGE | +ÉÉÉÉÉÉ +ÉÉÉÉÉÉ (%@ÉÉÉÉÉÉ) AVERAGE FREQUENCY (Hz) | ÉÉÉÉÉÉ (ÉÉÉÉÉÉÉÉ) REQUIREMENT(MW) | =ÉÉÉÉÉÉÉÉ (ÉÉÉÉÉÉÉÉ) AVAILABILITY(MW) | ÉÉÉÉÉÉ (ÉÉÉÉÉÉÉÉ) SHORTAGE (MW) | ÉÉÉÉÉÉÉÉ % SHORTAGE | +ÉÉÉÉÉÉ +ÉÉÉÉÉÉ (%@ÉÉÉÉÉÉ) AVERAGE FREQUENCY (Hz) | |
| + ÉÉÉÉ | 30863 | 25564 | 5299 | 17.17 | 49.22 | 29284 | 26081 | 3203 | 10.94 | 49.33 | APRIL |
| 'É<É | 31438 | 27264 | 4174 | 13.28 | 49.64 | 30194 | 27504 | 2690 | 8.91 | 49.63 | MAY |
| VÉÉÉÉ | 32004 | 27826 | 4178 | 13.05 | 49.56 | 33077 | 29297 | 3780 | 11.43 | 49.66 | JUNE |
| VÉÉÉÉÉ<É | 35393 | 30287 | 5106 | 14.43 | 49.31 | 33412 | 29957 | 3455 | 10.34 | 49.69 | JULY |
| +MÉÉÉÉ | 34530 | 29443 | 5087 | 14.73 | 49.55 | 33044 | 29804 | 3240 | 9.81 | 49.61 | AUGUST |
| ÉÉÉÉÉÉÉÉ | 34734 | 29136 | 5598 | 16.12 | 49.40 | 32620 | 29194 | 3426 | 10.50 | 49.66 | SEPTEMBER |
| +C]ÉÉÉÉ | 32565 | 28376 | 4189 | 12.86 | 49.41 | 29706 | 26080 | 3626 | 12.21 | 49.37 | OCTOBER |
| xÉÉÉÉÉ | 31072 | 26224 | 4848 | 15.60 | 49.53 | 29043 | 26132 | 2911 | 10.02 | 49.29 | NOVEMBER |
| ÉÉÉÉÉÉÉÉ | 30484 | 27450 | 3034 | 9.95 | 49.60 | 29787 | 25364 | 4423 | 14.85 | 49.29 | DECEMBER |
| VÉÉÉÉÉÉ | 33169 | 28911 | 4258 | 12.84 | 49.58 | 31848 | 26097 | 5751 | 18.06 | 49.22 | JANUARY |
| jÉÉÉÉÉ | | | | | | 31617 | 26102 | 5515 | 17.44 | 49.20 | FEBRUARY |
| 'ÉÉÉÉÉ | | | | | | 30755 | 25913 | 4842 | 15.74 | 49.21 | MARCH |

7...उ.क्षे. में स्थित राज्यों/संघ शासित क्षेत्रों में आबंटित संयुक्त व केन्द्रीय सेक्टर उपयोज्यों को समाहित करते हुए विद्युत उपयोज्यों की संस्थापित क्षमता (मेगावाट में)

**INSTALLED CAPACITY (IN MW) OF POWER UTILITIES IN THE STATES/UTS LOCATED IN NORTHERN REGION
INCLUDING ALLOCATED SHARES IN JOINT & CENTRAL SECTOR UTILITIES**

(As on 31-01-09, as per CEA)

| State | Ownership Sector | Modewise breakup | | | | TotalThermal | Nuclear | Hydro (Renewable) | RES (MNRE) | Grand Total |
|------------------------------|------------------|------------------|----------------|--------------|-----------------|----------------|-----------------|-------------------|-----------------|-------------|
| | | Thermal | | | | | | | | |
| | | Coal | Gas | Diesel | | | | | | |
| Delhi दिल्ली | State | 320.00 | 600.40 | 0.00 | 920.40 | 0.00 | 0.00 | 0.00 | 920.40 | |
| | Private | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Central | 1920.50 | 204.30 | 0.00 | 2124.80 | 47.08 | 585.06 | 0.00 | 2756.94 | |
| | Sub-Total | 2240.50 | 804.70 | 0.00 | 3045.20 | 47.08 | 585.06 | 0.00 | 3677.34 | |
| Haryana हरियाणा | State | 2142.50 | 0.00 | 3.92 | 2146.42 | 0.00 | 884.24 | 62.70 | 3093.36 | |
| | Private | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.00 | 6.00 | |
| | Central | 375.57 | 532.04 | 0.00 | 907.61 | 76.16 | 447.16 | 0.00 | 1430.93 | |
| | Sub-Total | 2518.07 | 532.04 | 3.92 | 3054.03 | 76.16 | 1331.40 | 68.70 | 4530.29 | |
| Himachal हिमाचल | State | 0.00 | 0.00 | 0.13 | 0.13 | 0.00 | 393.60 | 185.12 | 578.85 | |
| | Private | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 386.00 | 0.00 | 386.00 | |
| | Central | 95.41 | 60.89 | 0.00 | 156.30 | 14.08 | 761.24 | 0.00 | 931.62 | |
| | Sub-Total | 95.41 | 60.89 | 0.13 | 156.43 | 14.08 | 1540.84 | 185.12 | 1896.47 | |
| J&K जम्मू व कश्मीर | State | 0.00 | 175.00 | 8.94 | 183.94 | 0.00 | 780.00 | 111.83 | 1075.77 | |
| | Private | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Central | 198.59 | 127.09 | 0.00 | 325.68 | 68.00 | 689.50 | 0.00 | 1083.18 | |
| | Sub-Total | 198.59 | 302.09 | 8.94 | 509.62 | 68.00 | 1469.50 | 111.83 | 2158.95 | |
| Punjab पंजाब | State | 2630.00 | 0.00 | 0.00 | 2630.00 | 0.00 | 2319.82 | 123.90 | 5073.72 | |
| | Private | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 37.57 | 37.57 | |
| | Central | 546.21 | 259.72 | 0.00 | 805.93 | 151.04 | 711.75 | 0.00 | 1668.72 | |
| | Sub-Total | 3176.21 | 259.72 | 0.00 | 3435.93 | 151.04 | 3031.57 | 161.47 | 6780.01 | |
| Rajasthan राजस्थान | State | 2545.00 | 443.80 | 0.00 | 2988.80 | 0.00 | 987.84 | 30.25 | 4006.89 | |
| | Private | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 696.05 | 696.05 | |
| | Central | 567.49 | 217.74 | 0.00 | 785.23 | 469.00 | 468.98 | 0.00 | 1723.21 | |
| | Sub-Total | 3112.49 | 661.54 | 0.00 | 3774.03 | 469.00 | 1456.82 | 726.30 | 6426.15 | |
| Uttar Pradesh उ.प्र. | State | 4120.00 | 0.00 | 0.00 | 4120.00 | 0.00 | 527.40 | 25.10 | 4672.50 | |
| | Private | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 377.88 | 377.88 | |
| | Central | 2373.31 | 541.16 | 0.00 | 2914.47 | 203.72 | 1078.09 | 0.00 | 4196.28 | |
| | Sub-Total | 6493.31 | 541.16 | 0.00 | 7034.47 | 203.72 | 1605.49 | 402.98 | 9246.66 | |
| Uttarakhand उत्तराखण्ड | State | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1248.25 | 109.92 | 1358.17 | |
| | Private | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 400.00 | 0.05 | 400.05 | |
| | Central | 232.80 | 68.25 | 0.00 | 301.05 | 16.28 | 307.48 | 0.00 | 624.81 | |
| | Sub-Total | 232.80 | 68.25 | 0.00 | 301.05 | 16.28 | 1955.73 | 109.97 | 2383.03 | |
| Chandigarh चण्डीगढ़ | State | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Private | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Central | 26.51 | 15.07 | 0.00 | 41.58 | 4.84 | 47.04 | 0.00 | 93.46 | |
| | Sub-Total | 26.51 | 15.07 | 0.00 | 41.58 | 4.84 | 47.04 | 0.00 | 93.46 | |
| Total N.R कुल उत्तरी क्षेत्र | State | 11757.50 | 1219.20 | 12.99 | 12989.69 | 0.00 | 7141.15 | 648.82 | 20779.66 | |
| | Private | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 786.00 | 1117.55 | 1903.55 | |
| | Central | 7050.00 | 2311.99 | 0.00 | 9361.99 | 1180.00 | 5498.00 | 0.00 | 16039.99 | |
| | Grand Total | 18807.50 | 3531.19 | 12.99 | 22351.68 | 1180.00 | 13425.15 | 1766.37 | 38723.20 | |

| एकक नाम | एकक क्षमता (MW) | | एकक क्षमता (MW) | | GROSS (MU) | NET (MU) | संचयी (1.4.08 से) COMMULATIVE FROM 01.04.2008 (GROSS MU) | संचयी (1.4.08 से) COMMULATIVE FROM 01.04.2008 (NET MU) | POWER STATION |
|-------------------------|-------------------------|-------------------------|-----------------|----------------|----------------|-----------------|--|--|----------------------|
| | INSTALLED CAPACITY (MW) | EFFECTIVE CAPACITY (MW) | | | | | | | |
| 3. उत्तर प्रदेश | | | | | | | | | |
| 1. दिल्ली | | | | | | | | | |
| कोयला | | | | | | | | | |
| अपरम्परागत ऊर्जा स्रोत | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | R.E.S |
| एकक क्षमता | | 982.90 | 982.90 | 433.10 | 405.83 | 4601.45 | 4306.90 | | Total DELHI |
| 2. हरियाणा | | | | | | | | | |
| कोयला | | | | | | | | | |
| अपरम्परागत ऊर्जा स्रोत | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | R.E.S |
| एकक क्षमता | | 2152.32 | 2142.32 | 1260.18 | 1159.61 | 11212.82 | 10109.15 | | Total HARYANA |
| 3. हिमाचल प्रदेश | | | | | | | | | |
| HYDRO | | | | | | | | | |
| अपरम्परागत ऊर्जा स्रोत | | 185.12 | 185.12 | 125.09 | 123.85 | 3676.79 | 3639.92 | | R.E.S-State |
| एकक क्षमता | | 1037.70 | 1053.70 | 125.09 | 123.85 | 3676.79 | 3639.92 | | TOTAL HP |

| एनर्जी स्रोत | उत्तराखण्ड (Uttarakhand) | | उत्तर प्रदेश (Uttar Pradesh) | | सचयी (1.4.08 से) | | सचयी (1.4.08 से) | | POWER STATION | |
|--|--------------------------|-------------------------|------------------------------|-----------------|--|--------------------------------------|------------------|---------|------------------------|----------------|
| | INSTALLED CAPACITY (MW) | EFFECTIVE CAPACITY (MW) | GROSS (MU) | NET (MU) | COMMULATIVE FROM 01.04.2008 (GROSS MU) | COMMULATIVE FROM 01.04.2008 (NET MU) | | | | |
| 7. उत्तराखण्ड 7. UTTARAKHAND | | | | | | | | | | |
| विद्युत | | | | | | | | | HYDRO | |
| कुशी | 4x60 | 240.00 | 240.00 | 30.01 | 29.89 | 600.88 | 563.00 | | Chibro | |
| खीरसारी | 4x30 | 120.00 | 120.00 | 14.37 | 14.28 | 272.15 | 254.01 | | Khodri | |
| धकरानी | 3x11.25 | 33.75 | 33.75 | 5.36 | 5.30 | 105.69 | 97.80 | | Dhakrani | |
| धानीपुर | 3x17 | 51.00 | 51.00 | 8.58 | 8.52 | 161.64 | 149.98 | | Dhalipur | |
| कुहाल | 3x10 | 30.00 | 30.00 | 6.92 | 6.88 | 104.62 | 95.58 | | Kulhal | |
| खीरसारी-1 | 3x30 | 90.00 | 90.00 | 27.37 | 27.31 | 251.14 | 216.86 | | Maneri Bhalli Stg.-1 | |
| खीरसारी-2 | 4x76 | 304.00 | 304.00 | 49.89 | 49.66 | 640.48 | 578.55 | | Maneri Bhalli Stg.-2 | |
| चिला | 4x36 | 144.00 | 144.00 | 59.14 | 59.03 | 547.97 | 493.72 | | Chilla | |
| पाथरी | 3x6.8 | 20.40 | 20.40 | 9.97 | 9.92 | 65.75 | 55.82 | | Pathri | |
| मोहम्मदपुर | 3x3.1 | 9.30 | 9.30 | 4.70 | 4.67 | 29.67 | 25.03 | | Mohamadpur | |
| रामगंगा | 3x66 | 198.00 | 198.00 | 70.33 | 70.19 | 151.43 | 112.38 | | Ramganga | |
| खीरसारी | 3x13.8 | 41.40 | 41.40 | 9.02 | 9.00 | 97.95 | 87.45 | | Khatima | |
| गलोगी | 1+2x0.5 | 3.00 | 3.00 | 0.25 | 0.25 | 2.14 | 1.85 | | Galogi | |
| कुल योग | | 1284.85 | 1284.85 | 295.91 | 294.89 | 4397.70 | 4094.93 | | Total | |
| विष्णु प्रयाग ज.वि.के. | 4x100 | 400.00 | 400.00 | 60.91 | 60.30 | 1990.32 | 1899.30 | | Vishnu Prayag HEP(IPP) | |
| कुल विद्युत | | 1684.85 | 1684.85 | 356.82 | 355.19 | 6388.02 | 5994.23 | | Total Hydro | |
| अपरम्परागत ऊर्जा स्रोत | | | | | | | | | R.E.S | |
| राज्य | | 109.92 | 109.92 | | | | | | State | |
| आई.पी.पी. | | 0.05 | 0.05 | | | | | | IPP | |
| कुल उत्तराखण्ड | | 1794.82 | 1794.82 | 356.82 | 355.19 | 6388.02 | 5994.23 | | Total UTTARAKHAND | |
| 8. उत्तर प्रदेश 8. UTTAR PRADESH | | | | | | | | | | |
| विद्युत | | | | | | | | | HYDRO | |
| रिहंद | 6x50 | 300.00 | 300.00 | 38.92 | | 362.65 | | | Rihand | |
| ओब्रा | 3x33 | 99.00 | 99.00 | 15.01 | | 139.73 | | | Obra | |
| माताताला | 3x10.2 | 30.60 | 30.60 | 15.82 | | 114.77 | | | Matatila | |
| खारा | 3x24 | 72.00 | 72.00 | 15.23 | | 316.99 | | | Khara | |
| कुल विद्युत | | 501.60 | 501.60 | 84.98 | 84.13 | 993.37 | 924.80 | | Total Hydro | |
| कोयला | | | | | | | | | COAL | |
| ओब्रा-1 | 2x50 | 100.00 | 40.00 | 479.99 | | 4351.46 | | | Obra Stg.-1 | |
| ओब्रा-2 | 3x100 | 300.00 | 282.00 | | | | | | | Obra Stg.-2 |
| ओब्रा-3,4 | 5x200 | 1000.00 | 1000.00 | | | | | | | Obra Stg.-3&4 |
| पंकी-2 | 2x110 | 220.00 | 210.00 | | 133.29 | | | 1082.09 | | Panki Stg.-2 |
| हार्दुआगंज-ब | 1x55+1x50 | 105.00 | 95.00 | 86.46 | | 639.79 | | | Harduaganj-B | |
| हार्दुआगंज-स | 1x110+2x60 | 230.00 | 225.00 | | | | | | | Harduaganj-C |
| पारिखा | 2x110+2x210 | 640.00 | 640.00 | 347.55 | | 2562.70 | | | Parichha | |
| अनपारा-1 | 3x210 | 630.00 | 630.00 | 1139.01 | | 9795.14 | | | Anpara -Stg.1 | |
| अनपारा-2 | 2x500 | 1000.00 | 1000.00 | | | | | | | Anpara - Stg.2 |
| कुल कोयला | | 4225.00 | 4122.00 | 2186.30 | 1923.94 | 20236.48 | 16219.43 | | Total Coal | |
| अपरम्परागत ऊर्जा स्रोत | | | | | | | | | R.E.S | |
| राज्य | | 25.10 | 25.10 | 324.20 | 324.20 | 1437.60 | 1193.40 | | State | |
| आई.पी.पी. | | 377.88 | 377.88 | | | | | | IPP | |
| कुल उत्तर प्रदेश | | 5129.58 | 4623.60 | 2595.47 | 2332.27 | 22667.46 | 18337.63 | | Total UP | |
| 4. कुल क्षेत्रीय D.TOTAL REGIONAL | | | | | | | | | | |
| कुल विद्युत | | | | 2957.06 | 2930.19 | 50494.06 | 46960.64 | | Total Regional Hydro | |
| कुल कोयला | | | | 12223.56 | 11011.38 | 121709.52 | 99438.92 | | Total Regional Coal | |
| कुल गैस | | | | 1606.46 | 1581.42 | 18430.31 | 16452.96 | | Total Regional Gas | |
| कुल डीजेल | | | | 0.00 | 0.00 | 0.00 | 0.00 | | Total Regional Diesel | |
| कुल थर्मल | | | | 13830.02 | 12592.79 | 140139.83 | 115891.88 | | Total Regional Thermal | |
| कुल न्यूक्लियर | | | | 216.58 | 186.58 | 2717.01 | 2110.40 | | Total Regional Nuclear | |
| अपरम्परागत ऊर्जा स्रोत | | | | 493.24 | 493.06 | 3064.53 | 2677.96 | | Total Regional R.E.S | |
| कुल क्षेत्रीय | | | | 17496.90 | 16202.61 | 196415.43 | 167640.88 | | TOTAL REGIONAL | |

NOTE: (a) (b) (c)

- (a) The auxiliary consumption for hydro and gas units of state sector has been taken as 1% and 3%.
- (b) The auxiliary consumption for coal fired units in the state sector has been assumed at 12% for UP and 10% for rest coal fired units.
- (c) RES=Renewable Energy Sources includes SHP (Small Hydro Project) , wind power, BG(Biomass Gasifier), BP(Biomass Power),U&I(Urban & Industrial Waste Power)

9. PLANT LOAD FACTOR (PLF) OF THERMAL/GAS/NUCLEAR POWER STATIONS IN NORTHERN REGION DURING THE MONTH OF JANUARY, 2009

**PLANT LOAD FACTOR (PLF) OF THERMAL/GAS/NUCLEAR POWER STATIONS
IN NORTHERN REGION DURING THE MONTH OF JANUARY, 2009**

| S.No. | Effective Capacity (MW) | Gen. Of the month (MU) | PLF of the month (%) | 01.04.2008 PLF since 01.04.2008 (%) | Power Station |
|----------------|-------------------------|------------------------|----------------------|-------------------------------------|-------------------------------|
| 3 | 175.00 | 0.00 | 0.00 | 0.28 | 3.J&K Pampore Gas Turbine |
| | 175.00 | 0.00 | 0.00 | 0.28 | Total J&K |
| 4 | 400.00 | 261.50 | 87.87 | 2424.15 | 4.PUNJAB GNDTPS (Bhatinda) |
| | 1260.00 | 851.23 | 90.80 | 8091.83 | GGSTPS (Ropar) |
| | 920.00 | 569.46 | 83.20 | 4365.62 | Lehra Mohabat TPS |
| | 2580.00 | 1682.19 | 87.64 | 14881.60 | Total Punjab |
| 5 | 1045.00 | 780.86 | 100.43 | 7196.01 | 5.RAJASTHAN Kota TPS |
| | 1250.00 | 815.35 | 87.67 | 8022.12 | Suratgarh TPS |
| | 125.00 | 58.91 | 63.34 | 334.38 | Giral TPS |
| | 2420.00 | 1655.12 | 91.93 | 15552.51 | Total Thermal |
| | 110.50 | 34.31 | 41.73 | 289.95 | Ramgarh Gas Turbine |
| | 330.00 | 178.07 | 72.53 | 1936.66 | Dholpur CCGT |
| | 440.50 | 212.38 | 64.80 | 2226.61 | Total GAS |
| 2860.50 | 1867.50 | 87.75 | 17779.12 | Total Rajasthan | |
| 6 | 1322.00 | 479.99 | 48.80 | 4351.46 | 6.UTTAR PRADESH Obra |
| | 210.00 | 133.29 | 85.31 | 1082.09 | Panki Stg.2 |
| | 320.00 | 86.46 | 36.32 | 639.79 | Harduaganj |
| | 640.00 | 347.55 | 72.99 | 2562.70 | Parichha |
| | 1630.00 | 1139.01 | 93.92 | 9795.14 | Anpara |
| | 4122.00 | 2186.30 | 71.29 | 18431.17 | Total U.P. (Thermal) |
| | 885.90 | 467.41 | 70.92 | 3394.78 | State Sector (Gas) |
| | 11574.50 | 6927.53 | 80.45 | 61083.47 | State Sector (Thermal) |
| | 12460.40 | 7394.95 | 79.77 | 64478.25 | State Sector (Total) |
| | 18609.50 | 12077.82 | 87.23 | 108871.74 | Region (Thermal) |
| | 3197.90 | 1588.52 | 66.77 | 14776.02 | Region (Gas) |
| | 1180.00 | 216.58 | 24.67 | 2519.93 | Region (Nuclear) |
| | 22987.40 | 13882.92 | 81.17 | 126167.69 | TOTAL REGIONAL |

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HOURLY LOAD- GENERATION DATA OF THE REGION FOR PEAK DAY

23.01.09

| PEAK HOURS | HYDRO GENERATION(MW) | NUCLEAR GENERATION(MW) | GAS FIRED GENERATION(MW) | COAL FIRED GENERATION(MW) | TOTAL GENERATION(MW) | TOTAL EXCHANGE(MW) | AVAILABILITY(MW) | REGULATED LOAD (MW)* | LOAD SHEDDING (MW) | REGULATED DEMAND (MW) \$ | RES.DEMAND (AVAIL.+L/S)(MW)# |
|------------|----------------------|------------------------|--------------------------|---------------------------|----------------------|--------------------|------------------|----------------------|--------------------|--------------------------|------------------------------|
| 01 | 1905 | 254 | 2107 | 16337 | 20603 | -703 | 21306 | 21374 | 1915 | 23289 | 23221 |
| 02 | 1896 | 255 | 2095 | 16329 | 20575 | -720 | 21295 | 21363 | 1686 | 23049 | 22981 |
| 03 | 1865 | 255 | 2087 | 16223 | 20430 | -807 | 21237 | 21127 | 1817 | 22944 | 23054 |
| 04 | 1912 | 254 | 2095 | 16294 | 20555 | -872 | 21427 | 21487 | 1464 | 22951 | 22891 |
| 05 | 2293 | 253 | 2126 | 16323 | 20995 | -1230 | 22225 | 22568 | 1784 | 24352 | 24009 |
| 06 | 4537 | 252 | 2142 | 16252 | 23183 | -1871 | 25054 | 25786 | 2638 | 28424 | 27692 |
| 07 | 6000 | 251 | 3910 | 16374 | 26535 | -2376 | 28911 | 30003 | 4258 | 34261 | 33169 |
| 08 | 5788 | 253 | 2342 | 16459 | 24842 | -2715 | 27557 | 28108 | 4689 | 32797 | 32246 |
| 09 | 5174 | 254 | 2399 | 16472 | 24299 | -2487 | 26786 | 27422 | 5037 | 32459 | 31823 |
| 10 | 4997 | 253 | 2307 | 16495 | 24052 | -1794 | 25846 | 26363 | 5277 | 31640 | 31123 |
| 11 | 4941 | 252 | 2231 | 16249 | 23673 | -1568 | 25241 | 25631 | 4575 | 30206 | 29816 |
| 12 | 4805 | 251 | 2155 | 16308 | 23519 | -1472 | 24991 | 25387 | 3739 | 29126 | 28730 |
| 13 | 3984 | 250 | 2174 | 16263 | 22671 | -1792 | 24463 | 24830 | 3686 | 28516 | 28149 |
| 14 | 3171 | 250 | 2081 | 16440 | 21942 | -2248 | 24190 | 24434 | 2524 | 26958 | 26714 |
| 15 | 2966 | 248 | 2122 | 16414 | 21750 | -1883 | 23633 | 23872 | 2960 | 26832 | 26593 |
| 16 | 3244 | 248 | 2222 | 16486 | 22200 | -1707 | 23907 | 24237 | 3039 | 27276 | 26946 |
| 17 | 4212 | 245 | 2238 | 16461 | 23156 | -1024 | 24180 | 24724 | 2756 | 27480 | 26936 |
| 18 | 5755 | 244 | 2237 | 16496 | 24732 | -705 | 25437 | 25539 | 3640 | 29179 | 29077 |
| 19 | 7078 | 246 | 2273 | 16486 | 26083 | -345 | 26428 | 26912 | 4698 | 31610 | 31126 |
| 20 | 5585 | 248 | 2346 | 16737 | 24916 | -634 | 25550 | 26018 | 4530 | 30548 | 30080 |
| 21 | 4060 | 248 | 2245 | 16734 | 23287 | -1230 | 24517 | 24855 | 4052 | 28907 | 28569 |
| 22 | 3239 | 248 | 2208 | 16731 | 22426 | -1593 | 24019 | 24380 | 3834 | 28214 | 27853 |
| 23 | 2716 | 250 | 2040 | 16672 | 21678 | -1177 | 22855 | 22701 | 3642 | 26343 | 26497 |
| 24 | 2338 | 250 | 2064 | 16421 | 21073 | -968 | 22041 | 21988 | 3376 | 25364 | 25417 |

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HOURLY LOAD - GENERATION DATA OF THE REGION FOR OFF PEAK DAY

04.01.09

| PEAK HOURS | HYDRO GENERATION(MW) | NUCLEAR GENERATION (MW) | GAS FIRED GENERATION (MW) | COAL FIRED GENERATION (MW) | TOTAL GENERATION (MW) | TOTAL EXCHANGE (MW) | AVAILABILITY (MW) | REGULATED LOAD * (MW) | LOAD SHEDDING (MW) | REGULATED DEMAND (MW) \$ | RES.DEMAND (AVAIL.+L/S)(MW) # |
|------------|----------------------|-------------------------|---------------------------|----------------------------|-----------------------|---------------------|-------------------|-----------------------|--------------------|--------------------------|-------------------------------|
| 01 | 1896 | 294 | 1756 | 15966 | 19912 | -1348 | 21260 | 21083 | 2215 | 23298 | 23475 |
| 02 | 1849 | 296 | 1753 | 15342 | 19240 | -1277 | 20517 | 20533 | 1846 | 22379 | 22363 |
| 03 | 1763 | 299 | 1757 | 15265 | 19084 | -1221 | 20305 | 20048 | 1447 | 21495 | 21752 |
| 04 | 1709 | 299 | 1749 | 15241 | 18998 | -926 | 19924 | 19845 | 1194 | 21039 | 21118 |
| 05 | 1903 | 298 | 1753 | 15537 | 19491 | -869 | 20360 | 20336 | 1124 | 21460 | 21484 |
| 06 | 3414 | 296 | 1869 | 16029 | 21608 | -1303 | 22911 | 23096 | 1104 | 24200 | 24015 |
| 07 | 5871 | 298 | 1884 | 16129 | 24182 | -1376 | 25558 | 25764 | 1252 | 27016 | 26810 |
| 08 | 5992 | 295 | 2038 | 16181 | 24506 | -993 | 25499 | 26041 | 3293 | 29334 | 28792 |
| 09 | 5757 | 296 | 2036 | 16246 | 24335 | -1490 | 25825 | 26298 | 3402 | 29700 | 29227 |
| 10 | 5535 | 294 | 2068 | 16229 | 24126 | -1179 | 25305 | 25769 | 4306 | 30075 | 29611 |
| 11 | 5643 | 296 | 2051 | 16119 | 24109 | -1132 | 25241 | 25517 | 3877 | 29394 | 29118 |
| 12 | 4530 | 294 | 2062 | 16154 | 23040 | -1442 | 24482 | 24739 | 3448 | 28187 | 27930 |
| 13 | 3336 | 296 | 2021 | 16066 | 21719 | -1991 | 23710 | 24027 | 3969 | 27996 | 27679 |
| 14 | 3031 | 295 | 1954 | 16150 | 21430 | -1612 | 23042 | 22978 | 3595 | 26573 | 26637 |
| 15 | 2782 | 295 | 2054 | 16340 | 21471 | -1245 | 22716 | 23057 | 3608 | 26665 | 26324 |
| 16 | 3102 | 297 | 1915 | 16340 | 21654 | -928 | 22582 | 23081 | 3648 | 26729 | 26230 |
| 17 | 4183 | 298 | 1908 | 16379 | 22768 | -874 | 23642 | 23968 | 3320 | 27288 | 26962 |
| 18 | 6588 | 295 | 1901 | 16435 | 25219 | -204 | 25423 | 25443 | 3552 | 28995 | 28975 |
| 19 | 7645 | 297 | 1859 | 16378 | 26179 | -498 | 26677 | 26720 | 3754 | 30474 | 30431 |
| 20 | 6459 | 295 | 1825 | 16370 | 24949 | -437 | 25386 | 25851 | 4023 | 29874 | 29409 |
| 21 | 3989 | 295 | 1797 | 16400 | 22481 | -983 | 23464 | 23855 | 4060 | 27915 | 27524 |
| 22 | 3272 | 296 | 1826 | 16433 | 21827 | -1455 | 23282 | 23651 | 3476 | 27127 | 26758 |
| 23 | 2909 | 296 | 1813 | 16461 | 21479 | -1228 | 22707 | 22734 | 3547 | 26281 | 26254 |
| 24 | 2338 | 300 | 1788 | 16536 | 20962 | -820 | 21782 | 21940 | 2824 | 24764 | 24606 |

Note Import (-) / Export (+)

* Regulated Load is recorded load with frequency correction(3% per Hz for peak hrs.and 4% per Hz for other hrs.)

\$ Regulated Demand is regulated load plus load shedding

Res. Demand is availability plus load shedding

12... VExE f® 2009 fEhEa nEExE + fVfEESIE fEtOE Eo] EEIE + fEo] fEIE-fVfE
NOTIFIED POWER CUTS AND RESTRICTIONS DURING THE MONTH OF JANUARY 2009

1.Power Cut on Industries

| Sr.No. | State/UT | Industries | Energy Cut(MU/day) | Demand Cut(MW) | Restriction Timings | Remarks | |
|--------|---------------|------------|-----------------------|---|--|---------|--|
| 1 | CHANDIGARH | HT LT | No Notified Power Cut | | | | |
| 2 | DELHI | HT/LT | No Notified Power Cut | | | | |
| 3 | HARYANA | HT/LT | 0 to 1.2 | 0-200 | Different timings for Different days | | |
| 4 | H.P | HT/LT | 0.129 | 43 | 18.30 to 21.30 (Peak Hrs.) | | |
| 5 | PUNJAB | HT/LT | 1.394 | 600 | 1800 to 2100 hrs, from 1st to 24th 1600 to 2100 hrs from 25th to 31st | | |
| | | | 4.029 | 179 MW (avg.)-1st to 24th 129 MW (Avg.)-25th to 31th | One weekly off day on Induction Furnaces, Arc Furnaces, and rolling mills throughout the month. 12 hrs. day time (0600 to 1800 hrs) weekly off day remained applicable on general industry fed from cat.-I feeders (Mixed urban and industrial) from 1st to 24th. Timings for weekly off changed to 0800 to 2100 hrs from 25th to 31st. One weekly off day of 34 hrs on general industries being fed from cat.-II feeders (Predominantly Industrial) applicable from 1st to 24th was reduced to 16 hrs (0500 to 2100 hrs) w/e 25th and upto 31st.. | | |
| 6 | RAJASTHAN | HT/LT | Nil | Nil | | | |
| 7 | UTTARANCHAL | HT/LT | No Notified Power Cut | | | | |
| 8 | UTTAR PRADESH | HT/LT | No Notified Power Cut | | | | |

2.Power Supply To Agriculture

| Sr.No. | State/UT | Three Phase | Supply Hrs. Per Day | | | Remarks |
|--------|------------------|-------------|---------------------|---------|---------|---------|
| | | | Maximum | Minimum | Average | |
| 1 | CHANDIGARH | | 24 hrs | | | |
| 2 | DELHI | | 24 Hrs | | | |
| 3 | HARYANA | Three Phase | 16.00 | 5.00 | 10.30 | |
| 4 | HIMACHAL PRADESH | | 24hrs | | | |
| 5 | PUNJAB | Three Phase | 8.97 | 3.63 | 6.43 | |
| 6 | RAJASTHAN | Three Phase | 13 | 10.3 | 11.45 | |
| 7 | UTTARANCHAL | Three Phase | 24 | 24 | 24 | |
| 8 | UTTAR PRADESH | | 13.14 | 9.17 | 10.23 | |

Curtailment schedule of Jammu & Kashmir:-

Sr.No. **Category of Consumers**

- 1 Essential loads like Hospitals, Defence, PHE (Water Supplies), Irrigation etc.
- 2 Domestic, Commercial and mixed load feeders that have 100% consumer metering
- 3 Domestic, Commercial and mixed load feeders with partial or no consumer metering
- 4 Industrial Consumers in Organised Industrial Estates

Power Cuts per day

- No Cuts
No Cuts
9 Hrs and 30 minutes
3 hours to 8 hours, depending on system peak load demands and system constraints.

**13....PERCENTAGE SHARES AND ENTITLEMENTS OF NORTHERN REGION UTILITIES
IN VARIOUS CENTRAL SECTOR GENERATING STATIONS**

Summary

A. Allocations from N.R. (All figures in %)

| U.A.-Pooled (1399 MW ^{\$}) excluding RAPP #3&4 | | | | |
|--|-----------------|---------------|---------------|---------------|
| State/UT | 0-6 & 23-24 hrs | 06-10 hrs | 10-18 hrs | 18-23 hrs |
| Chandigarh | 5.00 | 5.00 | 5.00 | 5.00 |
| Delhi | 0.00 | 6.00 | 0.00 | 6.00 |
| Haryana | 16.00 | 15.00 | 17.00 | 16.00 |
| H.P. | 7.00 | 11.00 | 12.00 | 12.00 |
| J & K | 18.00 | 18.00 | 18.00 | 18.00 |
| Punjab | 3.00 | 2.00 | 2.00 | 3.00 |
| Rajasthan | 23.00 | 19.00 | 18.00 | 17.00 |
| U.P. | 22.00 | 20.00 | 22.00 | 20.00 |
| Uttarakhand | 6.00 | 4.00 | 6.00 | 3.00 |
| Total | 100.00 | 100.00 | 100.00 | 100.00 |

| U.A.(66 MW)- RAPS:B # 3 & 4 | | | | |
|-----------------------------|--------------------|--------------|--------------|--------------|
| State/UT | '00-06 & 23-24 hrs | 06-10 hrs | 10-18 hrs | 18-23 hrs |
| Chandigarh | 0 | 0 | 0 | 0 |
| Delhi | 0 | 0 | 2.50 | 3.18 |
| Haryana | 2.50 | 0 | 2.50 | 0 |
| H.P. | 0 | 0 | 0 | 0 |
| J & K | 0 | 0 | 0 | 0 |
| Punjab | 3.18 | 3.18 | 0 | 0 |
| Rajasthan | 5.91 | 8.41 | 7.50 | 8.41 |
| U.P. | 3.41 | 3.41 | 2.50 | 3.41 |
| Uttarakhand | 0 | 0 | 0 | 0 |
| Total | 15.00 | 15.00 | 15.00 | 15.00 |

\$ -UA of one(U5) machine of Kahalgaon STPS -II, has been included in Pooled UA

UA of U6 & U7 machines of Kahalgaon stage-II will be included from COD

**13....PERCENTAGE SHARES AND ENTITLEMENTS OF NORTHERN REGION UTILITIES
IN E.R. AND BHUTAN CENTRAL SECTOR GENERATING STATIONS**

B. Allocations from E.R. and Tala , HPS(Bhutan)

(All figures in %)

| State/UT | Pre Tala allocations from Eastern Region | | | Allocations applicable after COD of 6 units of Tala | | | | | | |
|--------------|--|-------------|-------------|---|--------------|-----------------------------|--------------|-------------|-------------------------------------|---------------|
| | 0000 - 2400 hrs | | | Add.allocation from E.R. | | Total allocations from E.R. | | | | 0000-2400 hrs |
| | | | | In lieu of Tala, HEP | | 0000 - 2400 hrs | | | | |
| | FARAKKA | K'GAON-I | TALCHER | FARAKKA | K'GAON-I | FARAKKA | K'GAON-I | TALCHER | MEJIA # 6 | Tala, HEP |
| 1600 MW | 840 MW | 1000 MW | 1600 MW | 840 MW | 1600 MW | 840 MW | 1000 MW | 250 MW | (15% UA Power) 1020 MW (6 Units) | |
| Chandigarh | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Delhi | 0.00 | 0.00 | 0.00 | 1.85 | 7.54 | 1.85 | 7.54 | 0.00 | 11.76 | 2.94 |
| Haryana | 0.00 | 0.00 | 0.00 | 0.91 | 3.78 | 0.91 | 3.78 | 0.00 | 5.88 | 1.47 |
| H.P. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| J & K | 0.43 | 0.43 | 0.43 | 1.12 | 4.56 | 1.55 | 4.99 | 0.43 | 7.08 | 1.77 |
| Punjab | 0.00 | 0.00 | 0.00 | 1.85 | 7.54 | 1.85 | 7.54 | 0.00 | 11.76 | 2.94 |
| Rajasthan | 0.38 | 0.38 | 0.38 | 0.91 | 3.78 | 1.29 | 4.16 | 0.38 | 5.88 | 1.47 |
| U.P. | 1.19 | 1.18 | 1.19 | 2.76 | 11.32 | 3.95 | 12.50 | 1.19 | 17.64 | 4.41 |
| Uttarakhand | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 2.00 | 1.99 | 2.00 | 9.40 | 38.52 | 11.40 | 40.51 | 2.00 | 60.00 | 15.00 |

C. Kahalgaon-II(3*500 MW = 1500 MW) Eastern Region: Revised allocation after COD of Kahalgaon STPP-II Two Unit (1000 MW

(All figures in %)

| State/UT | Share | 00-06 & 23-24 | | 06-10 | | 10-18 | | 18-23 | |
|--------------|--------------|---------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|
| | | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt |
| Chandigarh | 0.20 | 0.29 | 0.49 | 0.29 | 0.49 | 0.29 | 0.49 | 0.29 | 0.49 |
| Delhi | 10.77 | 0.00 | 10.77 | 0.35 | 11.12 | 0.00 | 10.77 | 0.35 | 11.12 |
| Haryana | 4.72 | 0.94 | 5.66 | 0.88 | 5.60 | 1.00 | 5.72 | 0.94 | 5.66 |
| H.P. | 1.53 | 0.41 | 1.94 | 0.65 | 2.18 | 0.70 | 2.23 | 0.70 | 2.23 |
| J & K | 5.73 | 1.05 | 6.78 | 1.06 | 6.79 | 1.06 | 6.79 | 1.05 | 6.78 |
| Punjab | 8.31 | 0.18 | 8.49 | 0.12 | 8.43 | 0.12 | 8.43 | 0.18 | 8.49 |
| Rajasthan | 7.25 | 1.35 | 8.60 | 1.11 | 8.36 | 1.05 | 8.30 | 1.00 | 8.25 |
| U.P. | 17.16 | 1.29 | 18.45 | 1.17 | 18.33 | 1.29 | 18.45 | 1.17 | 18.33 |
| Uttarakhand | 1.87 | 0.35 | 2.22 | 0.23 | 2.10 | 0.35 | 2.22 | 0.18 | 2.05 |
| Total | 57.54 | 5.86 | 63.40 | 5.86 | 63.40 | 5.86 | 63.40 | 5.86 | 63.40 |

13....PERCENTAGE SHARES AND ENTITLEMENTS OF NORTHERN REGION UTILITIES IN VARIOUS CENTRAL SECTOR GENERATING STATIONS

NTPC stations

(All figures in %)

| State/UT | SINGRAULI (2000 MW) | | | | | | | | RIHAND-I (1000 MW) | | | | | | | | RIHAND-II (1000 MW) | | | | | | | | | | |
|--------------|---------------------|---------------|---------------|--------------|---------------|--------------|---------------|--------------|--------------------|--------------|---------------|---------------|--------------|---------------|--------------|---------------|---------------------|---------------|--------------|---------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|
| | Share | 00-06 & 23-24 | | 06-10 | | 10-18 | | 18-23 | | Share | 00-06 & 23-24 | | 06-10 | | 10-18 | | 18-23 | | Share | 00-06 & 23-24 | | 06-10 | | 10-18 | | 18-23 | |
| | | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt |
| Chandigarh | 0.00 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 1.00 | 0.75 | 1.75 | 0.75 | 1.75 | 0.75 | 1.75 | 0.75 | 1.75 | 0.80 | 0.75 | 1.55 | 0.75 | 1.55 | 0.75 | 1.55 | 0.75 | 1.55 |
| Delhi | 7.50 | 0.00 | 7.50 | 0.90 | 8.40 | 0.00 | 7.50 | 0.90 | 8.40 | 10.00 | 0.00 | 10.00 | 0.89 | 10.89 | 0.00 | 10.00 | 0.89 | 10.89 | 12.60 | 0.00 | 12.60 | 0.90 | 13.50 | 0.00 | 12.60 | 0.90 | 13.50 |
| Haryana | 10.00 | 2.40 | 12.40 | 2.25 | 12.25 | 2.55 | 12.55 | 2.40 | 12.40 | 6.50 | 2.39 | 8.89 | 2.24 | 8.74 | 2.53 | 9.03 | 2.39 | 8.89 | 5.70 | 2.40 | 8.10 | 2.25 | 7.95 | 2.55 | 8.25 | 2.40 | 8.10 |
| H.P. | 0.00 | 1.05 | 1.05 | 1.65 | 1.65 | 1.80 | 1.80 | 1.80 | 1.80 | 3.50 | 1.04 | 4.54 | 1.64 | 5.14 | 1.79 | 5.29 | 1.79 | 5.29 | 3.30 | 1.05 | 4.35 | 1.65 | 4.95 | 1.80 | 5.10 | 1.80 | 5.10 |
| J & K | 0.00 | 2.70 | 2.70 | 2.70 | 2.70 | 2.70 | 2.70 | 2.70 | 2.70 | 7.00 | 2.69 | 9.69 | 2.69 | 9.69 | 2.69 | 9.69 | 2.69 | 9.69 | 9.40 | 2.70 | 12.10 | 2.70 | 12.10 | 2.70 | 12.10 | 2.70 | 12.10 |
| Punjab | 10.00 | 0.45 | 10.45 | 0.30 | 10.30 | 0.30 | 10.30 | 0.45 | 10.45 | 11.00 | 0.45 | 11.45 | 0.30 | 11.30 | 0.30 | 11.30 | 0.45 | 11.45 | 10.20 | 0.45 | 10.65 | 0.30 | 10.50 | 0.30 | 10.50 | 0.45 | 10.65 |
| Rajasthan | 15.00 | 3.45 | 18.45 | 2.85 | 17.85 | 2.70 | 17.70 | 2.55 | 17.55 | 9.50 | 3.43 | 12.93 | 2.83 | 12.33 | 2.68 | 12.18 | 2.53 | 12.03 | 10.00 | 3.45 | 13.45 | 2.85 | 12.85 | 2.70 | 12.70 | 2.55 | 12.55 |
| U.P. | 37.68 | 3.30 | 40.98 | 3.00 | 40.68 | 3.30 | 40.98 | 3.00 | 40.68 | 32.57 | 3.28 | 35.85 | 2.98 | 35.55 | 3.28 | 35.85 | 2.98 | 35.55 | 29.60 | 3.30 | 32.90 | 3.00 | 32.60 | 3.30 | 32.90 | 3.00 | 32.60 |
| Uttarakhand | 4.82 | 0.90 | 5.72 | 0.60 | 5.42 | 0.90 | 5.72 | 0.45 | 5.27 | 3.93 | 0.89 | 4.82 | 0.60 | 4.53 | 0.90 | 4.83 | 0.45 | 4.38 | 3.40 | 0.90 | 4.30 | 0.60 | 4.00 | 0.90 | 4.30 | 0.45 | 3.85 |
| HVDC_Rihand | 0 | 0 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HVDC_Dadri | 0 | 0 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 85.00 | 15.00 | 100.00 | 15.00 | 100.00 | 15.00 | 100.00 | 15.00 | 100.00 | 85.00 | 15.00 | 100.00 | 15.00 | 100.00 | 15.00 | 100.00 | 15.00 | 100.00 | 85.00 | 15.00 | 100.00 | 15.00 | 100.00 | 15.00 | 100.00 | 15.00 | 100.00 |

| State/UT | UNCHAHAHAR-I (420 MW) | | | | | | | | UNCHAHAHAR-II (420 MW) | | | | | | | | DADRI(T) (840 MW) | | |
|--------------|-----------------------|---------------|---------------|-------------|---------------|-------------|---------------|-------------|------------------------|--------------|---------------|---------------|--------------|---------------|--------------|---------------|-------------------|---------------|---------------|
| | Share | 00-06 & 23-24 | | 06-10 | | 10-18 | | 18-23 | | Share | 00-06 & 23-24 | | 06-10 | | 10-18 | | 18-23 | | Share |
| | | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | | | |
| Chandigarh | 0.48 | 0.240 | 0.72 | 0.240 | 0.72 | 0.240 | 0.72 | 0.24 | 0.72 | 0.71 | 0.75 | 1.46 | 0.75 | 1.46 | 0.75 | 1.46 | 0.75 | 1.46 | 0 |
| Delhi | 5.71 | 0.000 | 5.71 | 0.290 | 6.00 | 0.000 | 5.71 | 0.29 | 6.00 | 11.19 | 0.00 | 11.19 | 0.90 | 12.09 | 0.00 | 11.19 | 0.90 | 12.09 | 90 |
| Haryana | 2.62 | 0.760 | 3.38 | 0.720 | 3.34 | 0.810 | 3.43 | 0.76 | 3.38 | 5.48 | 2.40 | 7.88 | 2.25 | 7.73 | 2.55 | 8.03 | 2.40 | 7.88 | 0 |
| H.P. | 1.67 | 0.330 | 2.00 | 0.520 | 2.19 | 0.570 | 2.24 | 0.57 | 2.24 | 2.86 | 1.05 | 3.91 | 1.65 | 4.51 | 1.80 | 4.66 | 1.80 | 4.66 | 0 |
| J & K | 3.33 | 0.860 | 4.19 | 0.860 | 4.19 | 0.860 | 4.19 | 0.86 | 4.19 | 7.14 | 2.70 | 9.84 | 2.70 | 9.84 | 2.70 | 9.84 | 2.70 | 9.84 | 0 |
| Punjab | 8.57 | 0.140 | 8.71 | 0.090 | 8.66 | 0.090 | 8.66 | 0.14 | 8.71 | 14.28 | 0.45 | 14.73 | 0.30 | 14.58 | 0.30 | 14.58 | 0.45 | 14.73 | 0 |
| Rajasthan | 4.76 | 1.100 | 5.86 | 0.910 | 5.67 | 0.860 | 5.62 | 0.81 | 5.57 | 9.05 | 3.45 | 12.50 | 2.85 | 11.90 | 2.70 | 11.75 | 2.55 | 11.60 | 0 |
| U.P. | 59.52 | 1.050 | 60.57 | 0.950 | 60.47 | 1.050 | 60.57 | 0.96 | 60.48 | 30.69 | 3.30 | 33.99 | 3.00 | 33.69 | 3.30 | 33.99 | 3.00 | 33.69 | 10.00 |
| Uttarakhand | 8.57 | 0.290 | 8.86 | 0.190 | 8.76 | 0.290 | 8.86 | 0.14 | 8.71 | 3.60 | 0.90 | 4.50 | 0.60 | 4.20 | 0.90 | 4.50 | 0.45 | 4.05 | 0 |
| Total | 95.23 | 4.77 | 100.00 | 4.77 | 100.00 | 4.77 | 100.00 | 4.77 | 100.00 | 85.00 | 15.00 | 100.00 | 15.00 | 100.00 | 15.00 | 100.00 | 15.00 | 100.00 | 100.00 |

| State/UT | ANTA (G) (419 MW) | | | | | | | | AURAIYA (G) (663 MW) | | | | | | | | DADRI(G) (830 MW) | | | | | | | | | | |
|--------------|-------------------|---------------|---------------|--------------|---------------|--------------|---------------|--------------|----------------------|--------------|---------------|---------------|--------------|---------------|--------------|---------------|-------------------|---------------|--------------|---------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|
| | Share | 00-06 & 23-24 | | 06-10 | | 10-18 | | 18-23 | | Share | 00-06 & 23-24 | | 06-10 | | 10-18 | | 18-23 | | Share | 00-06 & 23-24 | | 06-10 | | 10-18 | | 18-23 | |
| | | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt |
| Chandigarh | 1.19 | 0.75 | 1.94 | 0.75 | 1.94 | 0.75 | 1.94 | 0.75 | 1.94 | 0.75 | 0.520 | 1.27 | 0.520 | 1.27 | 0.520 | 1.27 | 0.520 | 1.27 | 0.61 | 0.35 | 0.96 | 0.35 | 0.96 | 0.35 | 0.96 | 0.35 | 0.96 |
| Delhi | 10.50 | 0.00 | 10.50 | 0.90 | 11.40 | 0.00 | 10.50 | 0.90 | 11.40 | 10.86 | 0.000 | 10.86 | 0.620 | 11.48 | 0.000 | 10.86 | 0.630 | 11.49 | 10.96 | 0.00 | 10.96 | 0.42 | 11.38 | 0.00 | 10.96 | 0.42 | 11.38 |
| Haryana | 5.73 | 2.41 | 8.14 | 2.26 | 7.99 | 2.56 | 8.29 | 2.41 | 8.14 | 5.88 | 1.670 | 7.55 | 1.560 | 7.44 | 1.768 | 7.65 | 1.660 | 7.54 | 4.94 | 1.13 | 6.07 | 1.05 | 5.99 | 1.19 | 6.13 | 1.12 | 6.06 |
| H.P. | 3.58 | 1.05 | 4.63 | 1.65 | 5.23 | 1.80 | 5.38 | 1.80 | 5.38 | 3.32 | 0.730 | 4.05 | 1.140 | 4.46 | 1.248 | 4.57 | 1.250 | 4.57 | 3.01 | 0.49 | 3.50 | 0.77 | 3.78 | 0.84 | 3.85 | 0.84 | 3.85 |
| J & K | 6.92 | 2.71 | 9.63 | 2.71 | 9.63 | 2.71 | 9.63 | 2.71 | 9.63 | 6.64 | 1.870 | 8.51 | 1.870 | 8.51 | 1.872 | 8.51 | 1.870 | 8.51 | 6.75 | 1.26 | 8.01 | 1.27 | 8.02 | 1.26 | 8.01 | 1.26 | 8.01 |
| Punjab | 11.69 | 0.45 | 12.14 | 0.30 | 11.99 | 0.30 | 11.99 | 0.45 | 12.14 | 12.52 | 0.310 | 12.83 | 0.210 | 12.73 | 0.208 | 12.73 | 0.310 | 12.83 | 15.90 | 0.21 | 16.11 | 0.14 | 16.04 | 0.14 | 16.04 | 0.21 | 16.11 |
| Rajasthan | 19.81 | 3.46 | 23.27 | 2.86 | 22.67 | 2.71 | 22.52 | 2.56 | 22.37 | 9.20 | 2.390 | 11.59 | 1.980 | 11.18 | 1.872 | 11.07 | 1.770 | 10.97 | 9.28 | 1.61 | 10.89 | 1.33 | 10.61 | 1.27 | 10.55 | 1.19 | 10.47 |
| U.P. | 21.75 | 3.31 | 25.06 | 3.01 | 24.76 | 3.31 | 25.06 | 3.01 | 24.76 | 32.06 | 2.290 | 34.35 | 2.080 | 34.14 | 2.288 | 34.35 | 2.080 | 34.14 | 29.60 | 1.54 | 31.14 | 1.40 | 31.00 | 1.54 | 31.14 | 1.41 | 31.01 |
| Uttarakhand | 3.79 | 0.90 | 4.69 | 0.60 | 4.39 | 0.90 | 4.69 | 0.45 | 4.24 | 3.84 | 0.620 | 4.46 | 0.420 | 4.26 | 0.624 | 4.46 | 0.310 | 4.15 | 3.41 | 0.42 | 3.83 | 0.28 | 3.69 | 0.42 | 3.83 | 0.21 | 3.62 |
| Railways | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.53 | 4.53 | 4.53 | 4.53 | 4.53 | 4.53 | 4.53 | 4.53 | 0 | 8.43 | 8.43 | 8.43 | 8.43 | 8.43 | 8.43 | 8.43 | 8.43 |
| HVDC_Rihand | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HVDC_Dadri | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 |
| Total | 84.96 | 15.04 | 100.00 | 15.04 | 100.00 | 15.04 | 100.00 | 15.04 | 100.00 | 85.07 | 14.93 | 100.00 | 14.93 | 100.00 | 14.93 | 100.00 | 14.93 | 100.00 | 84.46 | 15.54 | 100.00 | 15.54 | 100.00 | 15.54 | 100.00 | 15.54 | 100.00 |

13....PERCENTAGE SHARES AND ENTITLEMENTS OF NORTHERN REGION UTILITIES IN VARIOUS CENTRAL SECTOR GENERATING STATIONS
NPC, NJ- HEP, Tehri and NHPC stations and Unchahar-III NTPC station

(All figures in %)

| State/UT | NAPS (440 MW) | | | | | | | | RAPS-B # 3 & 4 (440 MW) | | | | | | | | UNCHAHAR-III (210 MW) \$ | | | | | | | | | | |
|--------------|---------------|---------------|---------------|--------------|---------------|--------------|---------------|--------------|-------------------------|--------------|---------------|---------------|--------------|---------------|--------------|---------------|--------------------------|---------------|--------------|---------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|
| | Share | 00-06 & 23-24 | | 06-10 | | 10-18 | | 18-23 | | Share | 00-06 & 23-24 | | 06-10 | | 10-18 | | 18-23 | | Share | 00-06 & 23-24 | | 06-10 | | 10-18 | | 18-23 | |
| | | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt |
| Chandigarh | 1.14 | 0.73 | 1.87 | 0.73 | 1.87 | 0.73 | 1.87 | 0.73 | 1.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.48 | 0.74 | 1.22 | 0.74 | 1.22 | 0.74 | 1.22 | 0.74 | 1.22 |
| Delhi | 10.68 | 0.00 | 10.68 | 0.87 | 11.55 | 0.00 | 10.68 | 0.87 | 11.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.50 | 2.50 | 3.18 | 3.18 | 13.81 | 0.00 | 13.81 | 0.89 | 14.70 | 0.00 | 13.81 | 0.89 | 14.70 |
| Haryana | 6.36 | 2.33 | 8.69 | 2.18 | 8.54 | 2.47 | 8.83 | 2.33 | 8.69 | 10.91 | 2.50 | 13.41 | 0.00 | 10.91 | 2.50 | 13.41 | 0.00 | 10.91 | 5.71 | 2.36 | 8.07 | 2.21 | 7.92 | 2.51 | 8.22 | 2.36 | 8.07 |
| H.P. | 3.18 | 1.02 | 4.20 | 1.60 | 4.78 | 1.75 | 4.93 | 1.74 | 4.92 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.81 | 1.03 | 4.84 | 1.62 | 5.43 | 1.77 | 5.58 | 1.77 | 5.58 |
| J & K | 7.50 | 2.62 | 10.12 | 2.62 | 10.12 | 2.62 | 10.12 | 2.62 | 10.12 | 7.95 | 0.00 | 7.95 | 0.00 | 7.95 | 0.00 | 7.95 | 0.00 | 7.95 | 6.19 | 2.66 | 8.85 | 2.66 | 8.85 | 2.66 | 8.85 | 2.66 | 8.85 |
| Punjab | 11.59 | 0.44 | 12.03 | 0.29 | 11.88 | 0.29 | 11.88 | 0.44 | 12.03 | 22.73 | 3.18 | 25.91 | 3.18 | 25.91 | 0.00 | 22.73 | 0.00 | 22.73 | 8.1 | 0.44 | 8.54 | 0.30 | 8.40 | 0.29 | 8.39 | 0.44 | 8.54 |
| Rajasthan | 10.00 | 3.34 | 13.34 | 2.77 | 12.77 | 2.62 | 12.62 | 2.47 | 12.47 | 28.41 | 5.91 | 34.32 | 8.41 | 36.82 | 7.50 | 35.91 | 8.41 | 36.82 | 10.95 | 3.39 | 14.34 | 2.80 | 13.75 | 2.66 | 13.61 | 2.51 | 13.46 |
| U.P. | 31.30 | 3.20 | 34.50 | 2.91 | 34.21 | 3.20 | 34.50 | 2.91 | 34.21 | 15.00 | 3.41 | 18.41 | 3.41 | 18.41 | 2.50 | 17.50 | 3.41 | 18.41 | 30 | 3.25 | 33.25 | 2.95 | 32.95 | 3.25 | 33.25 | 2.95 | 32.95 |
| Uttarakhand | 3.70 | 0.87 | 4.57 | 0.58 | 4.28 | 0.87 | 4.57 | 0.44 | 4.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.19 | 0.89 | 7.08 | 0.59 | 6.78 | 0.88 | 7.07 | 0.44 | 6.63 | |
| Total | 85.45 | 14.55 | 100.00 | 14.55 | 100.00 | 14.55 | 100.00 | 14.55 | 100.00 | 85.00 | 15.00 | 100.00 | 15.00 | 100.00 | 15.00 | 100.00 | 15.00 | 100.00 | 85.24 | 14.76 | 100.00 | 14.76 | 100.00 | 14.76 | 100.00 | 14.76 | 100.00 |

| State/UT | Nathpa-Jhakri (1500 MW) | | | | | | | | Tehri-I (1000 MW) \$ | | | | | | | | DULHASTI (390 MW) | | | | | | | | | | |
|--------------|-------------------------|---------------|---------------|-------------|---------------|-------------|---------------|-------------|----------------------|--------------|---------------|---------------|-------------|---------------|-------------|---------------|-------------------|---------------|--------------|---------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|
| | Share | 00-06 & 23-24 | | 06-10 | | 10-18 | | 18-23 | | Share | 00-06 & 23-24 | | 06-10 | | 10-18 | | 18-23 | | Share | 00-06 & 23-24 | | 06-10 | | 10-18 | | 18-23 | |
| | | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt |
| Chandigarh | 0.53 | 0.50 | 1.03 | 0.50 | 1.03 | 0.50 | 1.03 | 0.50 | 1.03 | 0.60 | 0.50 | 1.10 | 0.50 | 1.10 | 0.50 | 1.10 | 0.50 | 1.10 | 0.47 | 0.75 | 1.22 | 0.75 | 1.22 | 0.75 | 1.22 | 0.75 | 1.22 |
| Delhi | 9.47 | 0.00 | 9.47 | 0.59 | 10.06 | 0.00 | 9.47 | 0.59 | 10.06 | 10.30 | 0.00 | 10.30 | 0.59 | 10.89 | 0.00 | 10.30 | 0.59 | 10.89 | 12.83 | 0.00 | 12.83 | 0.90 | 13.73 | 0.00 | 12.83 | 0.90 | 13.73 |
| Haryana | 4.27 | 1.59 | 5.86 | 1.49 | 5.76 | 1.69 | 5.96 | 1.59 | 5.86 | 4.30 | 1.58 | 5.88 | 1.48 | 5.78 | 1.68 | 5.98 | 1.58 | 5.88 | 5.47 | 2.40 | 7.87 | 2.25 | 7.72 | 2.55 | 8.02 | 2.40 | 7.87 |
| H.P. | 36.47 | 0.69 | 37.16 | 1.09 | 37.56 | 1.19 | 37.66 | 1.19 | 37.66 | 2.80 | 0.69 | 3.49 | 1.09 | 3.89 | 1.19 | 3.99 | 1.19 | 3.99 | 0.00 | 1.05 | 1.05 | 1.65 | 1.65 | 1.80 | 1.80 | 1.80 | 1.80 |
| J & K | 7.00 | 1.79 | 8.79 | 1.79 | 8.79 | 1.79 | 8.79 | 1.79 | 8.79 | 4.80 | 1.78 | 6.58 | 1.78 | 6.58 | 1.78 | 6.58 | 1.78 | 6.58 | 21.15 | 2.70 | 23.85 | 2.70 | 23.85 | 2.70 | 23.85 | 2.70 | 23.85 |
| Punjab | 10.13 | 0.30 | 10.43 | 0.20 | 10.33 | 0.20 | 10.33 | 0.30 | 10.43 | 7.70 | 0.30 | 8.00 | 0.20 | 7.90 | 0.20 | 7.90 | 0.30 | 8.00 | 8.28 | 0.45 | 8.73 | 0.30 | 8.58 | 0.30 | 8.58 | 0.45 | 8.73 |
| Rajasthan | 7.47 | 2.28 | 9.75 | 1.89 | 9.36 | 1.79 | 9.26 | 1.69 | 9.16 | 7.50 | 2.28 | 9.78 | 1.88 | 9.38 | 1.78 | 9.28 | 1.68 | 9.18 | 10.88 | 3.45 | 14.33 | 2.85 | 13.73 | 2.70 | 13.58 | 2.55 | 13.43 |
| U.P. | 14.73 | 2.18 | 16.91 | 1.98 | 16.71 | 2.18 | 16.91 | 1.98 | 16.71 | 37.40 | 2.18 | 39.58 | 1.98 | 39.38 | 2.18 | 39.58 | 1.98 | 39.38 | 21.81 | 3.30 | 25.11 | 3.00 | 24.81 | 3.30 | 25.11 | 3.00 | 24.81 |
| Uttarakhand | 0.00 | 0.60 | 0.60 | 0.40 | 0.40 | 0.59 | 0.59 | 0.30 | 0.30 | 14.70 | 0.59 | 15.29 | 0.40 | 15.10 | 0.59 | 15.29 | 0.30 | 15.00 | 4.11 | 0.90 | 5.01 | 0.60 | 4.71 | 0.90 | 5.01 | 0.45 | 4.56 |
| Total | 90.07 | 9.93 | 100.00 | 9.93 | 100.00 | 9.93 | 100.00 | 9.93 | 100.00 | 90.10 | 9.90 | 100.00 | 9.90 | 100.00 | 9.90 | 100.00 | 9.90 | 100.00 | 85.00 | 15.00 | 100.00 | 15.00 | 100.00 | 15.00 | 100.00 | 15.00 | 100.00 |

\$ Applicable from COD COD of Tehri Unit # 4 is 22-09-06

| State/UT | Dhauliganga(280 MW) | | | | | | | | CHAMERA-II (300 MW) | | | | | | | | B. SIUL 180 MW | SALAL 690 MW | T.PUR 94 MW | CHAM-I 540 MW | URI 480 MW | | | |
|--------------|---------------------|---------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------------|--------------|---------------|---------------|--------------|---------------|--------------|---------------|-------------------|-----------------|----------------|------------------|---------------|---------------|---------------|---------------|
| | Share | 00-06 & 23-24 | | 06-10 | | 10-18 | | 18-23 | | Share | 00-06 & 23-24 | | 06-10 | | 10-18 | | | | | | | 18-23 | | |
| | | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | | U.A. | Entlmnt | U.A. | Entlmnt | U.A. | Entlmnt | | | | | | U.A. | Entlmnt | |
| Chandigarh | 0.72 | 0.75 | 1.47 | 0.75 | 1.47 | 0.75 | 1.47 | 0.75 | 1.47 | 0.67 | 0.90 | 1.57 | 0.90 | 1.57 | 0.90 | 1.57 | 0.90 | 1.57 | 0.00 | 0.27 | 1.28 | 3.90 | 0.62 | |
| Delhi | 13.21 | 0.00 | 13.21 | 0.90 | 14.11 | 0.00 | 13.21 | 0.90 | 14.11 | 13.33 | 0.00 | 13.33 | 1.08 | 14.41 | 0.00 | 13.33 | 1.08 | 14.41 | 11.00 | 11.62 | 12.81 | 7.90 | 11.04 | |
| Haryana | 5.71 | 2.40 | 8.11 | 2.25 | 7.96 | 2.55 | 8.26 | 2.40 | 8.11 | 5.67 | 2.88 | 8.55 | 2.70 | 8.37 | 3.06 | 8.73 | 2.88 | 8.55 | 30.50 | 15.02 | 6.40 | 15.80 | 5.42 | |
| H.P. | 3.57 | 1.05 | 4.62 | 1.65 | 5.22 | 1.80 | 5.37 | 1.80 | 5.37 | 15.67 | 1.26 | 16.93 | 1.98 | 17.65 | 2.16 | 17.83 | 2.16 | 17.83 | 12.00 | 0.99 | 3.84 | 14.90 | 2.71 | |
| J & K | 6.07 | 2.70 | 8.77 | 2.70 | 8.77 | 2.70 | 8.77 | 2.70 | 8.77 | 6.33 | 3.24 | 9.57 | 3.24 | 9.57 | 3.24 | 9.57 | 3.24 | 9.57 | 0.00 | 34.39 | 7.68 | 3.90 | 33.96 | |
| Punjab | 10.00 | 0.45 | 10.45 | 0.30 | 10.30 | 0.30 | 10.30 | 0.45 | 10.45 | 10.00 | 0.54 | 10.54 | 0.36 | 10.36 | 0.36 | 10.36 | 0.54 | 10.54 | 46.50 | 26.60 | 17.93 | 10.20 | 13.75 | |
| Rajasthan | 9.65 | 3.45 | 13.10 | 2.85 | 12.50 | 2.70 | 12.35 | 2.55 | 12.20 | 9.67 | 4.14 | 13.81 | 3.42 | 13.09 | 3.24 | 12.91 | 3.06 | 12.73 | 0.00 | 2.95 | 11.53 | 19.60 | 8.96 | |
| U.P. | 20.00 | 3.30 | 23.30 | 3.00 | 23.00 | 3.30 | 23.30 | 3.00 | 23.00 | 20.66 | 3.96 | 24.62 | 3.60 | 24.26 | 3.96 | 24.62 | 3.60 | 24.26 | 0.00 | 6.95 | 22.64 | 20.27 | 20.06 | |
| Uttarakhand | 16.07 | 0.90 | 16.97 | 0.60 | 16.67 | 0.90 | 16.97 | 0.45 | 16.52 | 0.00 | 1.08 | 1.08 | 0.72 | 0.72 | 1.08 | 1.08 | 0.54 | 0.54 | 0.00 | 1.21 | 15.89 | 3.53 | 3.48 | |
| Total | 85.00 | 15.00 | 100.00 | 15.00 | 100.00 | 15.00 | 100.00 | 15.00 | 100.00 | 82.00 | 18.00 | 100.00 | 18.00 | 100.00 | 18.00 | 100.00 | 18.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

Note: Baira suil, Salal, Tanakpur, Chamera-I and Uri NHPC stations does not have Unallocated quota of power

14..जनवरी 2009 माह का आवृत्ति विश्लेषण
FREQUENCY ANALYSIS FOR THE MONTH OF JANUARY 2009

| Date | Frequency(Hz.) | | | %age TimeSystem Frequency in frequency bands | | | | | | | | | |
|-------------|----------------|--------------|--------------|--|-------------|-------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|
| | Max | Min | Avg. | <48.5 | 48.5- 48.8 | 48.8- 49 | 49- 49.5 | 49.5- 49.8 | 49.8- 50.2 | 50.2- 50.5 | 50.5- 51 | 51- 51.5 | >51.5 |
| 1 | 50.51 | 48.94 | 49.67 | 0.00 | 0.00 | 0.21 | 35.85 | 28.57 | 26.28 | 9.02 | 0.07 | 0.00 | 0.00 |
| 2 | 50.64 | 48.87 | 49.62 | 0.00 | 0.00 | 0.49 | 48.82 | 24.27 | 11.10 | 14.08 | 1.25 | 0.00 | 0.00 |
| 3 | 50.35 | 48.90 | 49.52 | 0.00 | 0.00 | 0.90 | 54.58 | 24.06 | 19.28 | 1.18 | 0.00 | 0.00 | 0.00 |
| 4 | 50.46 | 49.11 | 49.63 | 0.00 | 0.00 | 0.00 | 40.36 | 35.64 | 20.60 | 2.43 | 0.97 | 0.00 | 0.00 |
| 5 | 50.49 | 48.83 | 49.53 | 0.00 | 0.00 | 1.80 | 53.19 | 23.37 | 18.65 | 2.98 | 0.00 | 0.00 | 0.00 |
| 6 | 50.18 | 48.80 | 49.40 | 0.00 | 0.00 | 6.24 | 61.72 | 20.39 | 11.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 50.02 | 48.80 | 49.32 | 0.00 | 0.00 | 12.00 | 61.23 | 18.31 | 8.46 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 50.13 | 48.80 | 49.38 | 0.00 | 0.00 | 5.69 | 60.19 | 28.09 | 6.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 50.13 | 48.76 | 49.26 | 0.00 | 0.69 | 19.49 | 57.77 | 19.63 | 2.43 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 49.94 | 48.80 | 49.29 | 0.00 | 0.00 | 8.67 | 72.54 | 17.06 | 1.73 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11 | 50.36 | 48.86 | 49.59 | 0.00 | 0.00 | 0.62 | 34.19 | 46.39 | 16.85 | 1.94 | 0.00 | 0.00 | 0.00 |
| 12 | 50.42 | 48.80 | 49.62 | 0.00 | 0.00 | 1.32 | 38.35 | 32.39 | 21.50 | 6.45 | 0.00 | 0.00 | 0.00 |
| 13 | 50.47 | 48.99 | 49.71 | 0.00 | 0.00 | 0.07 | 28.02 | 34.40 | 26.84 | 10.68 | 0.00 | 0.00 | 0.00 |
| 14 | 50.52 | 49.16 | 49.86 | 0.00 | 0.00 | 0.00 | 7.91 | 36.62 | 42.09 | 13.25 | 0.14 | 0.00 | 0.00 |
| 15 | 50.57 | 49.15 | 49.87 | 0.00 | 0.00 | 0.00 | 4.72 | 37.17 | 47.23 | 10.61 | 0.28 | 0.00 | 0.00 |
| 16 | 50.42 | 48.99 | 49.71 | 0.00 | 0.00 | 0.07 | 26.77 | 39.46 | 27.60 | 6.10 | 0.00 | 0.00 | 0.00 |
| 17 | 50.51 | 48.99 | 49.73 | 0.00 | 0.00 | 0.00 | 20.39 | 48.54 | 18.10 | 12.97 | 0.00 | 0.00 | 0.00 |
| 18 | 50.35 | 49.26 | 49.75 | 0.00 | 0.00 | 0.00 | 13.31 | 48.89 | 34.60 | 3.19 | 0.00 | 0.00 | 0.00 |
| 19 | 50.52 | 49.17 | 49.75 | 0.00 | 0.00 | 0.00 | 21.29 | 44.04 | 23.72 | 10.89 | 0.07 | 0.00 | 0.00 |
| 20 | 50.37 | 48.96 | 49.61 | 0.00 | 0.00 | 0.28 | 41.68 | 33.01 | 21.91 | 3.12 | 0.00 | 0.00 | 0.00 |
| 21 | 50.33 | 48.91 | 49.51 | 0.00 | 0.00 | 0.90 | 53.19 | 31.07 | 14.15 | 0.69 | 0.00 | 0.00 | 0.00 |
| 22 | 50.41 | 48.95 | 49.61 | 0.00 | 0.00 | 0.14 | 38.21 | 40.43 | 19.17 | 2.15 | 0.00 | 0.00 | 0.00 |
| 23 | 50.39 | 48.94 | 49.57 | 0.00 | 0.00 | 0.28 | 45.98 | 33.30 | 19.56 | 0.82 | 0.00 | 0.00 | 0.00 |
| 24 | 50.34 | 48.90 | 49.56 | 0.00 | 0.00 | 0.49 | 49.79 | 25.31 | 22.12 | 2.29 | 0.00 | 0.00 | 0.00 |
| 25 | 50.28 | 49.11 | 49.67 | 0.00 | 0.00 | 0.00 | 19.51 | 54.20 | 25.71 | 0.57 | 0.00 | 0.00 | 0.00 |
| 26 | 50.42 | 48.90 | 49.75 | 0.00 | 0.00 | 0.27 | 20.97 | 32.79 | 44.24 | 1.74 | 0.00 | 0.00 | 0.00 |
| 27 | 50.56 | 48.87 | 49.60 | 0.00 | 0.00 | 1.04 | 44.38 | 29.96 | 17.61 | 6.80 | 0.21 | 0.00 | 0.00 |
| 28 | 50.07 | 48.88 | 49.47 | 0.00 | 0.00 | 0.97 | 57.21 | 32.46 | 9.36 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | 50.17 | 48.90 | 49.48 | 0.00 | 0.00 | 1.73 | 51.94 | 35.99 | 10.34 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | 50.03 | 48.94 | 49.56 | 0.00 | 0.00 | 0.14 | 38.77 | 49.31 | 11.79 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31 | 50.34 | 48.92 | 49.52 | 0.00 | 0.00 | 0.83 | 46.53 | 42.51 | 9.64 | 0.49 | 0.00 | 0.00 | 0.00 |
| Avg. | 50.34 | 48.94 | 49.58 | 0.00 | 0.02 | 2.09 | 40.30 | 33.79 | 19.69 | 4.01 | 0.10 | 0.00 | 0.00 |

15.... VOLTAGE ANALYSIS

(All figures in KV)

MAXIMUM AND MINIMUM VOLTAGES RECORDED AT 400KV & 220 KV BUSES DURING THE MONTH OF JANUARY 2009

(All figures in KV)

| DATE | 400 KV DADRI | | 400 KV KANPUR | | 220 KV BTPS | | 400 KV MOGA | |
|------------|--------------|------------|---------------|------------|-------------|------------|-------------|------------|
| | MAXIMUM | MINIMUM | MAXIMUM | MINIMUM | MAXIMUM | MINIMUM | MAXIMUM | MINIMUM |
| 1 | 417 | 388 | 418 | 391 | 225 | 212 | 416 | 387 |
| 2 | 414 | 387 | 409 | 390 | 224 | 211 | 410 | 391 |
| 3 | 411 | 390 | 410 | 391 | 221 | 214 | 411 | 389 |
| 4 | 421 | 393 | 412 | 392 | 226 | 214 | 414 | 394 |
| 5 | 420 | 389 | 416 | 391 | 226 | 210 | 414 | 393 |
| 6 | 418 | 391 | 416 | 394 | 223 | 214 | 414 | 391 |
| 7 | 417 | 387 | 419 | 388 | 225 | 212 | 413 | 393 |
| 8 | 412 | 384 | 411 | 389 | 222 | 210 | 409 | 392 |
| 9 | 416 | 389 | 416 | 393 | 225 | 212 | 415 | 392 |
| 10 | 413 | 390 | 416 | 388 | 223 | 212 | 408 | 388 |
| 11 | 421 | 384 | 415 | 389 | 221 | 212 | 412 | 393 |
| 12 | 414 | 389 | 414 | 393 | 226 | 213 | 414 | 388 |
| 13 | 412 | 387 | 412 | 392 | 225 | 212 | 410 | 393 |
| 14 | 412 | 387 | 419 | 391 | 225 | 212 | 411 | 389 |
| 15 | 423 | 385 | 413 | 389 | 224 | 211 | 413 | 391 |
| 16 | 424 | 378 | 413 | 384 | 222 | 209 | 416 | 397 |
| 17 | 414 | 393 | 412 | 391 | 222 | 213 | 420 | 396 |
| 18 | 419 | 393 | 420 | 392 | 227 | 214 | 415 | 392 |
| 19 | 418 | 388 | 415 | 389 | 226 | 213 | 416 | 389 |
| 20 | 414 | 389 | 412 | 391 | 225 | 212 | 416 | 392 |
| 21 | 416 | 388 | 415 | 390 | 225 | 211 | 414 | 392 |
| 22 | 420 | 388 | 419 | 390 | 226 | 212 | 417 | 394 |
| 23 | 420 | 384 | 414 | 403 | 226 | 210 | 419 | 393 |
| 24 | 418 | 393 | 416 | 396 | 225 | 213 | 414 | 396 |
| 25 | 421 | 391 | 418 | 388 | 226 | 213 | 421 | 395 |
| 26 | 418 | 394 | 416 | 392 | 225 | 215 | 416 | 386 |
| 27 | 416 | 394 | 412 | 393 | 225 | 214 | 418 | 390 |
| 28 | 416 | 395 | 410 | 391 | 225 | 215 | 413 | 393 |
| 29 | 424 | 390 | 409 | 390 | 218 | 210 | 416 | 392 |
| 30 | 413 | 391 | 410 | 391 | 224 | 213 | 413 | 393 |
| 31 | 422 | 382 | 411 | 387 | 221 | 211 | 413 | 393 |
| Max | 424 | 395 | 420 | 403 | 227 | 215 | 421 | 397 |
| Min | 411 | 378 | 409 | 384 | 218 | 209 | 408 | 386 |

17....31.01.2009

PROGRESS OF INSTALLATION OF SHUNT CAPACITORS(11 KV AND ABOVE) IN THE'NORTHERN REGION AS ON 31.01.2009

| STATE / UT / SYSTEM | Requirement as per NRPC Studied | Installed as on 31.03.08 | BBMB Capacitors approtioned | New Capacitors(MVAR) required during 2008-09 | Capacitors installed during 2008-09 upto 31.01.09 | Balance to be installed during 2008-09 | Month by which this installation should complete | Defective capacitors.need revival during 2008-09 | Capacitors revived(Net) till 31.01.09 | Balance to be revived during 2008-09 | STATE / UT / SYSTEM |
|---------------------|---------------------------------|--------------------------|-----------------------------|--|---|--|--|--|---------------------------------------|--------------------------------------|---------------------|
| Chandigarh | 205 | 102 | 25 | 78 | 0 | 78 | Aug.08 | 13 | 0 | 13 | Chandigarh |
| Delhi | 3875 | 3456 | 20 | 399 | 0 | 399 | May08 | 348 | 288 | 60 | Delhi |
| Haryana | 4370 | 2773 | 195 | 1402 | 391 | 1011 | July 08 | 297 | 0 | 297 | Haryana |
| H.P. | 650 | 514 | 0 | 136 | 0 | 136 | July 08 | 51 | 0 | 51 | H.P. |
| J & K | 1320 | 147 | 0 | 1173 | 0 | 1173 | Nov.08 | 15 | 0 | 15 | J & K |
| Punjab | 6450 | 5450 | 137 | 863 | 104 | 759 | May08 | 559 | 51 | 508 | Punjab |
| Rajasthan | 4380 | 3732 | 0 | 648 | 49 | 599 | Dec.08 | 373 | 25 | 348 | Rajasthan |
| U.P. | 7680 | 5812 | 0 | 1868 | 0 | 1868 | Aug.08 | 581 | 41 | 540 | U.P. |
| Uttaranchal | 500 | 353 | 0 | 147 | 0 | 147 | May08 | 35 | 0 | 35 | Uttaranchal |
| TOTAL | 29430 | 22339 | 377 | 6714 | 544 | 6170 | | 2272 | 405 | 1867 | TOTAL |

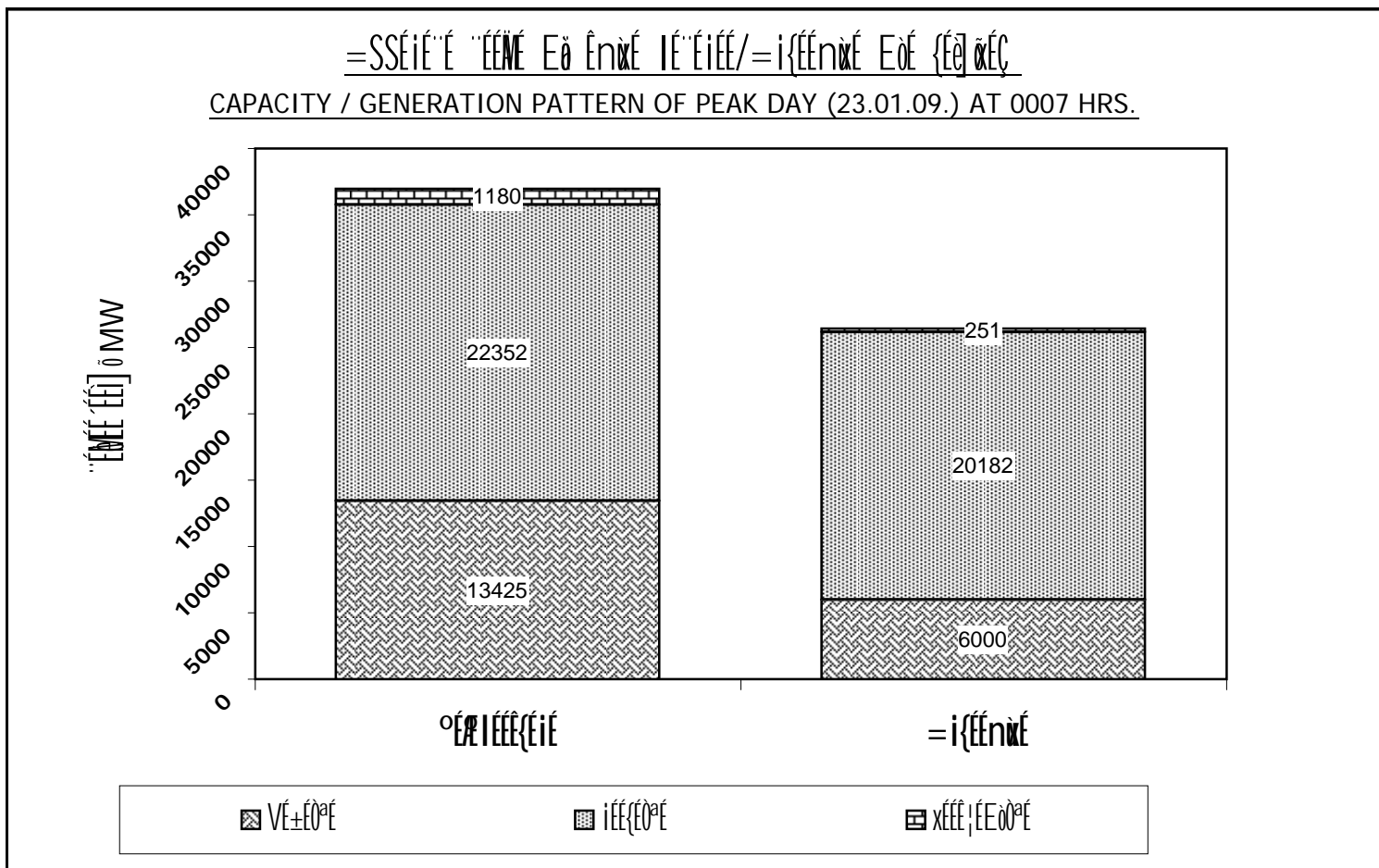
18...
31.01.2009

STATUS OF IMPORTANT TRANSMISSION LINES UNDER CONSTRUCTION AS ON 31.01.2009

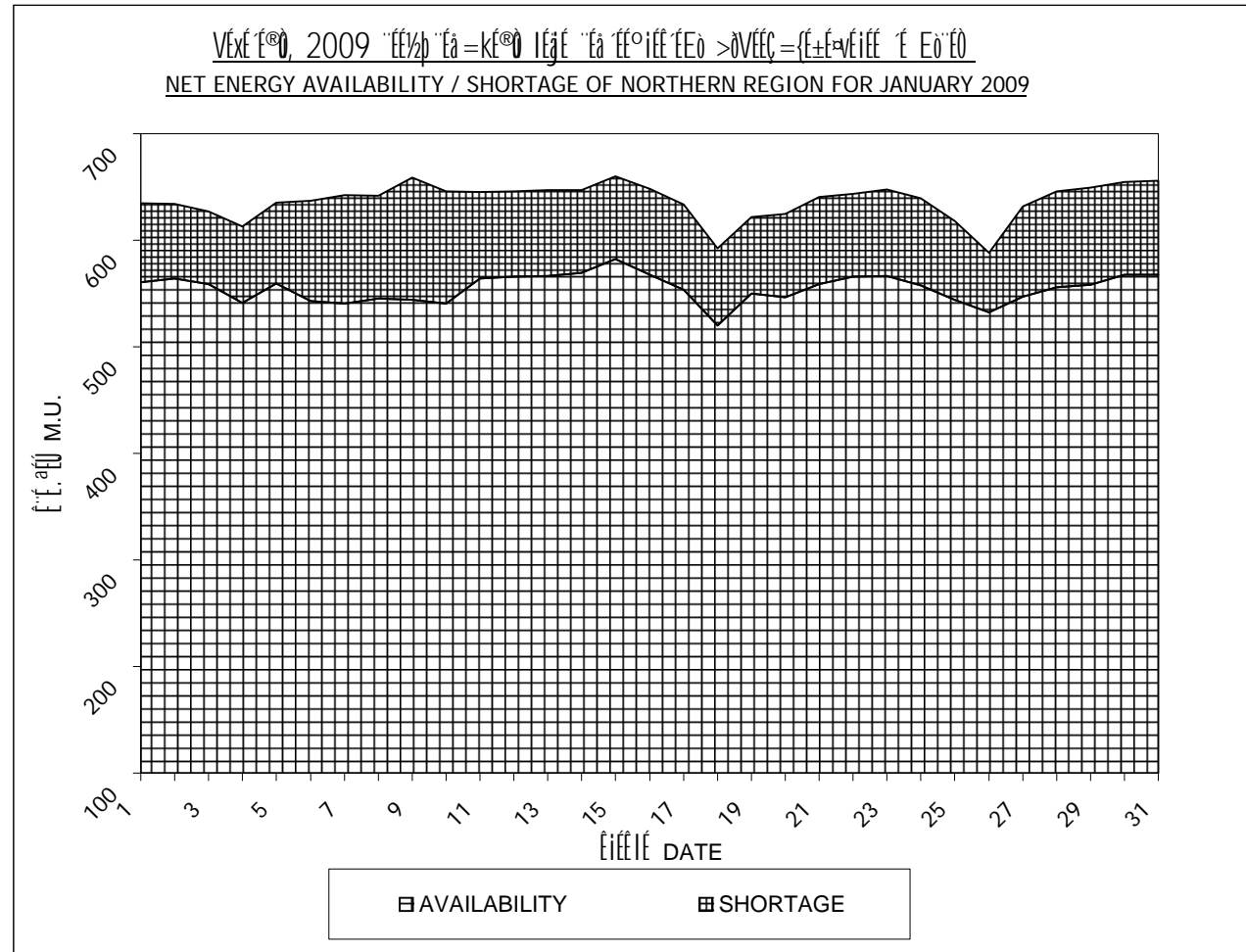
| Sl. No. | Generating Plant / Associated Transmission Scheme | No. of Circuits | Total Length (CKm) | String.Compl. upto March 08 (CKm) | Programme for 2008-09 Ckm | Stringing April 2008 onwards Ckm | TL (Nos.) | Stubs (Nos.) | TE (Nos.) | Stringing Completed Ckm | Target Original | Target Revised | Remarks |
|---------|---|-----------------|--------------------|-----------------------------------|---------------------------|----------------------------------|----------------|--------------|-----------|-------------------------|-----------------|----------------|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 1 | 765 kV Transmission Lines <i>Central Sector</i> Agra -Gwalior 2nd S/C (initially to be operated at 400KV) | S/C | 130 | 29 | 101 | 83 | 336 | 336 | 333 | 112 | .Jan09 | .March09 | |
| 2 | 400 kV Transmission Lines <i>Central Sector</i> Bareilly - Mordadabad | S/C | 91 | 91 | 0 | 0 | 252 | 252 | 252 | 91 | Mar'07 | May.'08 | Commissioned 5/08 |
| | RAPP 5&6 - Kota | D/C | 51 | 2 | 48 | 48 | 145 | 145 | 145 | 50 | Mar.'08 | .Feb09 | |
| | RAPP 5&6 - Kankroli | D/C | 397 | 397 | 0 | 0 | 542 | 542 | 542 | 397 | Mar.'08 | Sept..08 | Commissioned9/08 |
| | <i>State Sector</i> <u>Rajasthan</u> Chhabra-Dahra (Kota) D/C | D/C | 262 | 0 | 0 | 255 | 352 | 352 | 352 | 255 | Sept.08 | .March09 | Forest clearance awaited |
| | Dahra(Kota)-Bhilwara S/C | S/C +D/C | 163 | 0 | 20 | 0 | 460 | 343 | 166 | 0 | Sept.08 | .March09 | |
| | LILO Dholpur-Heerapura at Hindaun | D/C | 13 | 0 | 0 | 0 | 11 | 8 | 1 | 0 | Sept.08 | March.09 | |
| | Chhabra-Hindaun | S/C +D/C | 342 | 0 | 305 | 158 | 802 | 764 | 652 | 158 | .March09 | | |
| | Suratgarh STPS -Bikaner | S/C | 170 | 0 | 170 | 116 | 382 | 382 | 349 | 116 | Oct.08 | Feb.09 | |
| | Ratangarh-Merta | S/C | 181 | 181 | 0 | 0 | 464 | 464 | 464 | 181 | Mar'06 | Apr'08 | Commissioned 5/08 |
| | <u>JAMMU & KASHMIR (J&K) :</u> Kishenpur-Baglihar | D/C | 136 | 136 | 0 | 0 | 215 | 215 | 215 | 136 | May'07 | Oct.08 | Ist ckt. Commissioned in 10/08 |
| 3 | 220 kV CENTRAL SECTOR (CS) LILO of 1 ckt.of Tanakpur-Bareilly at Sitarganj | | 44 | 7 | 0 | 37 | 71 | 71 | 71 | 44 | Jun'08 | .Feb09 | |
| 4 | 220 kV STATE SECTOR : <u>CHANDIGARH :</u> Ganguwal-Mohali (2nd Ckt. Stringing) (Incl of re-alignment) | S/C | 72.4 | 72 | 0 | 0 | | Existing | | 72 | Jun'06 | .March09 | Deposit work of PSEB. Re-alignment of Bays in progress |
| | <u>DELHI (DTL) :</u> U/G of Maharani Bagh(PG)-Masjid Moth | D/C | 19 | 0 | 0 | 0 | Cable | | | | Mar.'08 | Mar.'09 | Bid opened 12.5.08 Techno-comm. Evaluation in progress |
| | <u>Himachal Pardesh</u> Kashang-Bhaba | D/C | 76 | 41 | 0 | 17 | 100 | 99 | 93 | 58 | Mar'07 | .Feb09 | Forest CI obtained in 2/2008 |
| | Khodri-Majri (2ndckt) | S/C on D/C | 35 | 34.2 | 0 | 0 | Tower Existing | | | 34.2 | Mar'08 | Mar'09 | Stringing completed except between locations T34&T36 |
| | <u>HARYANA (HVPN) :</u> YTPP-Abdullapur | D/C | 56 | 28 | 0 | 2 | 93 | 93 | 93 | 30 | Mar'08 | .March09 | WIP |
| | YTPP-Nilokheri | D/C | 104 | 0 | 0 | 0 | 173 | 154 | 126 | 0 | Mar'08 | .March09 | WIP |
| | Nilokheri-Karnal | S/C | 19 | 19 | 0 | 0 | 66 | 66 | 66 | 19 | Mar'08 | Jun.'08 | Commissioned 6/08 |
| | Badshahpur-Rewari (2nd Ckt) Strg. | S/C | 51 | 43 | 0 | 0 | Tower Existing | | | 50 | Jun'06 | .March09 | WIP |
| | Badshahpur-IMT Manesar 2ndCkt Strg. | S/C | 12 | 0 | 0 | 0 | Tower Existing | | | 0 | Mar'07 | .March09 | WIP |
| | LILO of 2nd ckt of Narwana-Fatehabad at Bhuna | D/C | 16 | 0 | 0 | 9 | 27 | 27 | 27 | 16 | Dec'07 | Nov.08 | Commissioned 11/08 |
| | Hissar (Mayyar)-Isharwal | D/C | 106 | 22 | 0 | 68 | 151 | 151 | 151 | 90 | Apr'08 | .March09 | Row Problem at one location |

| Sl. No. | Generating Plant / Associated Transmission Scheme | No. of Circuits | Total Length (CKm) | String.Compl. upto March 08 (CKm) | Programme for 2008-09 CKm | Stringing April 2008 onwards Ckm | TL (Nos.) | Stubs (Nos.) | TE (Nos.) | Stringing Completed Ckm | Target Original | Target Revised | Remarks |
|---------|--|-----------------|--------------------|-----------------------------------|---------------------------|----------------------------------|----------------|--------------|-----------|-------------------------|-----------------|----------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | LILO Narwana-Fatehabad & Fatehabad-Sirsa at Fatehabad (PG) | D/C | 5 | 0 | 0 | 5 | 10 | 10 | 10 | 5 | Dec'07 | Nov.08 | Commissioned 11/08 |
| | Cheeka-Durala | D/C | 100 | 0 | 106 | 82 | 168 | 168 | 167 | 82 | Dec.08 | .March09 | WIP |
| | LILO one ckt Shahbad-Pehova at Durala | D/C | 6 | 0 | 6 | 0 | 16 | 16 | 16 | 6 | Nov'08 | | Commissioned 11/08 |
| | <u>PUNJAB (PSEB) :</u> | | | | | | | | | | | | |
| | GHTP-Himatpura D/C | D/C | 70 | 0 | 18 | 0 | | | | | Dec.07 | .Apr09 | workyet to start |
| | GNDTP-Muksar (2nd ckt) | S/ConD/C | 53 | 50 | 0 | 3 | 156 | 156 | 156 | 53 | May.07 | Dec.08 | Commissioned 12/08 |
| | LILO of Patti-Verpal at Tarn-Taran | S/C | 20 | 0 | 0 | 0 | | | | 0 | Mar.06 | Mar.09 | |
| | Ranjit Sagar Dam – Sarna (ckt.4) | D/C | 30 | 30 | 0 | 0 | Tower Existing | | | 30 | Jun'05 | .Feb09 | Strg. Comp.hill cutting work in progress |
| | Khasa–Amritsar at Balachak(PGCIL) | D/C | 44 | 10 | 0 | 34 | 72 | 72 | 72 | 44 | Jun'05 | Jun'08 | Commisioned 7/2008 |
| | LILO of Malerkotla – Lalton Kalan | D/C | 2 | 0 | 0 | 0 | 5 | | | | Mar-06 | .March09 | Matching with Pakhowal S/S |
| | S/C at Pakhowal | | | | | | | | | | | | |
| | LILO of Mohali-I–Dera Bassi at Mohali-II | D/C | 1 | 0 | 0 | 1 | 9 | 9 | 9 | 1 | Mar-07 | Mar.09 | Stringing completed |
| | LILO of Gobindgarh-I -Gobindgarh-II at Amlah Road | D/C | 2 | 0 | 0 | 2 | 5 | 5 | 5 | 2 | Mar-07 | .june08 | Commissioned 6/08 |
| | Humbran–FZR Rd Ludhiana | D/C | 30 | 0 | 0 | 0 | | | | | Mar-07 | .March09 | Tower design modification |
| | Phagan Majra (400 kV) -F.P.Nabha | D/C | 65 | 2 | 0 | 0 | 108 | 96 | 71 | 12 | Mar-08 | .March09 | WIP |
| | Mohali-Dera Bassi (2nd ckt stringing) | S/C onD/C | 29 | 28 | 0 | 0 | | Existing | | 28 | Jun-07 | .March09 | work in progress |
| | LILO of one circuit of GGSSTP – Mohali-I at Kharar | D/C | 10 | 0 | 0 | 0 | | | | | Dec-07 | .March09 | |
| | Nalagarh-Mohali -I | D/C | 110 | 21 | 0 | 86 | 185 | 155 | 145 | 79 | Jul-07 | .March09 | WIP,Approval of H.P.invoved |
| | LILO of one ckt. of Moga-Mukatsar DC at Sadiq | D/C | 50 | 0 | 49 | 0 | 62 | 0 | 0 | 0 | Mar-09 | | Route Plan under approval |
| | Moga (400 KV) - Baghapurana | D/C | 20 | 0 | 36 | 16 | 32 | 32 | 27 | 16 | Mar-09 | | WIP |
| | Mukatsar- Malout SC on DC | S/C | 32 | 0 | 0 | 0 | 32 | | | | Mar-09 | | |
| | <u>Rajasthan</u> | | | | | | | | | | | | |
| | Giral TPS-Barmer 2nd ckt. | S/C | 40 | 0 | 0 | 0 | 126 | 73 | 35 | 0 | Mar-07 | Mar.09 | |
| | Giral TPS-Balotra S/C | S/C | 110 | 0 | 110 | 0 | 178 | 58 | 0 | 0 | Mar-09 | Apr.09 | |
| | Barsinghsar -Khinvsar S/C | S/C | 98 | 0 | 0 | 98 | 310 | 310 | 310 | 98 | Mar-08 | Dec.08 | Commissioned12/08 |
| | LILO Bhilwara-Kankroli at Kankroli(PG) | S/C | 9.5 | 9.5 | 0 | 0 | 16 | 16 | 16 | 9.5 | Mar-08 | May-08 | Commissioned 5/08 |
| | LILO Kota-Bhilwara at Kota (PG) | D/C | 4 | 0 | 4 | 0 | | | | | Mar-08 | Mar.09 | Forest issue |
| | Chhabra TPS-Jhalawar S/C | S/C | 125 | 0 | 125 | 1 | 356 | 122 | 37 | 1 | Sept-08 | Mar.09 | |
| | LILO Bhilwara-Pali at Bhilwara (400kv) | D/C | 10 | 0 | 10 | 0 | | | | | Sept-08 | Mar.09 | |
| | Hindaun(400kv)-Hidaun(220kv) | D/C | 16 | 0 | 16 | 15 | 28 | 28 | 28 | 15 | Sept-08 | .March09 | |
| | Hindaun(400kv)-Mandawar | D/C | 65 | 0 | 65 | 0 | 155 | 85 | 30 | 0 | Sept-08 | Mar.09 | |
| | Chhabra -Baran-Dahra | D/C | 110 | | 110 | 0 | 367 | 251 | 90 | 0 | Sept-08 | Mar.09 | |

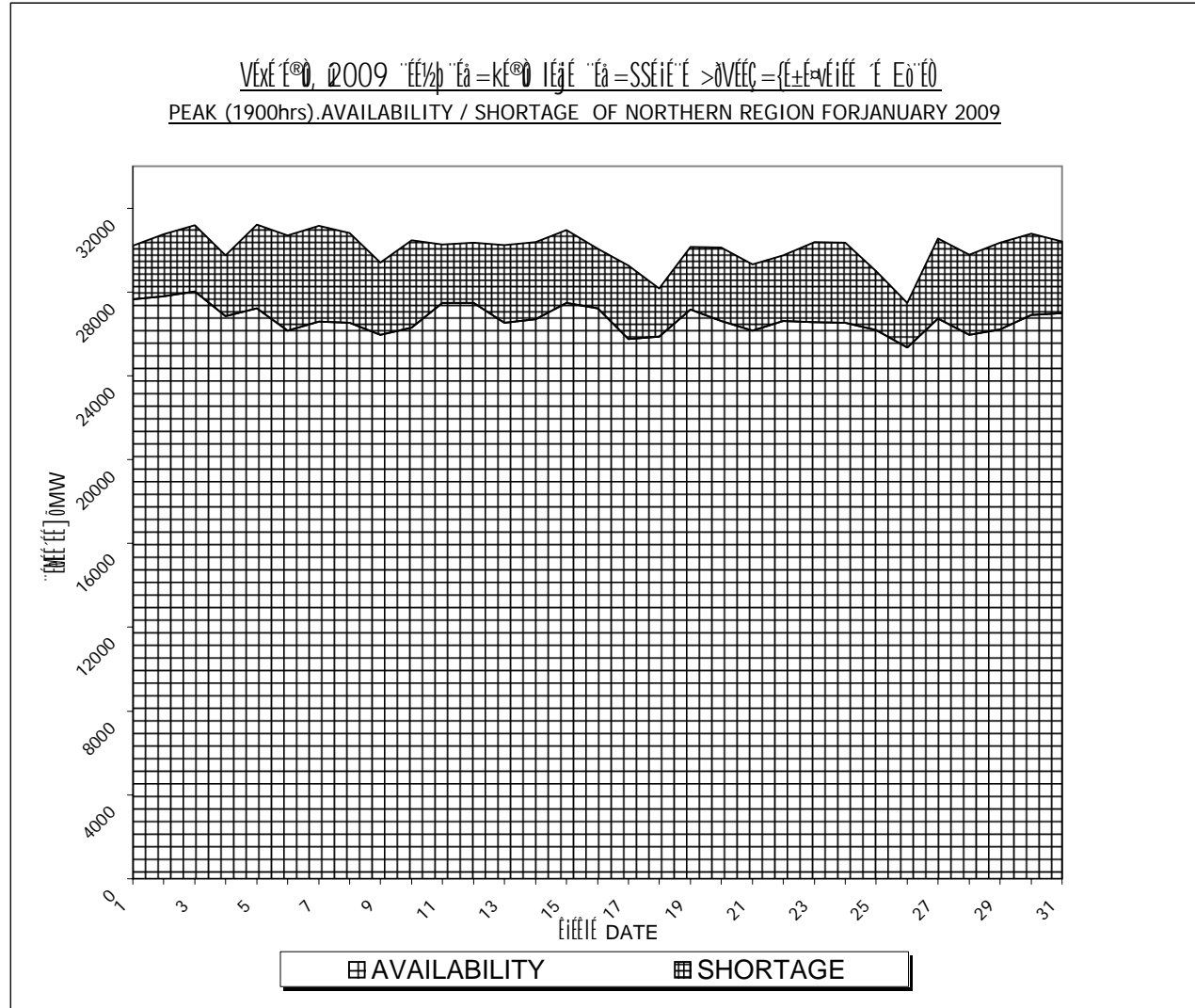
| Sl. No. | Generating Plant / Associated Transmission Scheme | No. of Circuits | Total Length (CKm) | String.Compl. upto March 08 (CKm) | Programme for 2008-09 CKm | Stringing April 2008 onwards Ckm | TL (Nos.) | Stubs (Nos.) | TE (Nos.) | Stringing Completed Ckm | Target | | Remarks | |
|---------|--|-----------------|--------------------|-----------------------------------|---------------------------|----------------------------------|-----------|--------------|-----------|-------------------------|----------|----------|-----------------------|--|
| | | | | | | | | | | | Original | Revised | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | |
| | LILO Bikaner-Sridungargarh at Bikaner (400 kV) D/C | D/C | 20 | 0 | 20 | 0 | | | | | Oct-08 | Mar.09 | | |
| | LILO Bikaner-Nagaur at Bikaner (400 kV) D/C | D/C | 20 | 0 | 20 | 0 | 0 | 0 | 0 | | Oct-08 | Mar.09 | | |
| | STPS-Bhadra S/C | S/C | 114 | 0 | 4 | 114 | 352 | 352 | 352 | 114 | Oct-08 | .Jan09 | Stringing completed | |
| | Opening of one ckt of Heerapura-Bassi line and connecting Sanganer & Phulera | S/C | 59 | 59 | 0 | 0 | 191 | 191 | 191 | 59 | Mar-08 | May-08 | Commissioned7/08 | |
| | LILO of Jaipur – Kota at Duni | D/C | 6 | 0 | 0 | 0 | 8 | 8 | 2 | 0 | Mar-08 | .Jan09 | | |
| | Bhiwadi(PGCIL)-Neemrana | S/C | 58 | 26 | 0 | 26 | 184 | 180 | 176 | 52 | Mar-08 | Oct.08 | Commissioned 10/08 | |
| | Kankroli (PG)-Debari | S/C | 63 | 0 | 0 | 35 | 205 | 189 | 172 | 35 | Mar-08 | .March09 | | |
| | LILO one ckt Bassi-Heerapura at Jagatpura | D/C | 22 | 0 | 22 | 0 | 44 | 4 | | | Mar-09 | .March09 | | |
| | LILO Heerapura-Kukas at VKIA | D/C | 2 | 0 | 2 | 2 | 7 | 7 | 7 | 2 | July'08 | Sept..08 | Commissioned9/08 | |
| | LILO Bhiwadi-Neemrana a Khushekhera | D/C | 8 | 0 | 8 | 8 | 18 | 18 | 18 | 8 | Dec-08 | | Commissioned10/08 | |
| | LILO Alwar-Bhiwadi at Khushekhera | D/C | 5 | 0 | 5 | 0 | 20 | 20 | 20 | 5 | Dec-08 | | Commissioned10/08 | |
| | <u>UTTAR PRADESH (UPPCL) :</u> | | | | | | | | | | | | | |
| | Matore(PG)-Nehtaur | S/C | 88 | 0 | 0 | 57 | 255 | 251 | 247 | 57 | Dec-07 | .March09 | | |
| | Nanauta-Muzaffarnagar | S/C | 55 | 0 | 15 | 0 | 167 | 118 | 20 | 0 | Apr-08 | March-09 | WIP | |
| | Muzaffarnagar-Shamli | S/C | 56 | 0 | 15 | 0 | 169 | 135 | 9 | 0 | Mar-08 | .Mar09 | | |
| | LILO of Saharanpur-Shamli at Nanouta | D/C | 6 | 0 | 0 | 0 | 11 | 7 | 0 | 0 | Apr-08 | March-09 | WIP | |
| | Metore(Meerut) (PG)-Gajraula | S/C | 87 | 0 | 37 | 58 | 254 | 251 | 247 | 58 | Apr-08 | .March09 | | |
| | Loni-Muradnagar(400 kV S/S) | D/C | 27 | 0 | 4 | 27 | 112 | 112 | 112 | 27 | Mar-08 | .Jan09 | Commissioned in 01/09 | |
| | LILO of Khurja-Muradnagar at Dadri | D/C | 23 | 0 | 0 | 7 | 50 | 42 | 35 | 7 | Mar-08 | .March09 | | |
| | LILO of Khurja-Muradnagar at Sikandrabad | D/C | 38 | 17 | 21 | 1 | 65 | 65 | 65 | 38 | Jun'08 | .Jan09 | Commissioned in 01/09 | |
| | LILO of Sarojininagar-Chinhat at Gomtinagar | D/C | 7 | 0 | | 7 | 22 | 22 | 22 | 7 | Jun'08 | .Jan 09 | WIP | |
| | <u>UTTARAKHAND (PTCUL) :</u> | | | | | | | | | | | | | |
| | Rishikesh-Maneribali Stage-II (3rd ckt.) | S/C | 79 | 46 | 0 | 6 | 230 | 214 | 188 | 52 | | .March09 | | |
| | LILO of Maneri I-Rishikesh at Maneri -II | D/C | 4 | 4 | 0 | 0 | 6 | 6 | 6 | 4 | Mar-07 | .Feb09 | Stringing completed | |
| | Kashipur - Barheni | D/C | 52 | 0 | 0 | 0 | 84 | 82 | 36 | | Dec-06 | .March09 | | |
| | Barheni - Pantnagar | S/C | 35 | 31 | 0 | 0 | 115 | 115 | 113 | 35 | Dec-06 | .Feb09 | Stringing completed | |
| | <u>JAMMU & KASHMIR (J&K) :</u> | | | | | | | | | | | | | |
| | Barn-Kishenpur | D/C | 74.8 | 74.8 | 0 | 0 | 105 | 105 | 105 | 74.8 | Mar-08 | May-08 | Commisioned 6/08 | |



| DATE | AVAILABILITY | SHORTAGE |
|------|--------------|----------|
| 1 | 560.70 | 73.73 |
| 2 | 563.92 | 70.12 |
| 3 | 558.75 | 68.56 |
| 4 | 541.04 | 71.81 |
| 5 | 559.39 | 76.00 |
| 6 | 542.94 | 94.04 |
| 7 | 540.33 | 101.79 |
| 8 | 545.41 | 96.49 |
| 9 | 544.35 | 114.48 |
| 10 | 540.72 | 105.20 |
| 11 | 564.37 | 80.64 |
| 12 | 566.03 | 79.83 |
| 13 | 566.71 | 80.36 |
| 14 | 569.46 | 77.70 |
| 15 | 582.33 | 77.52 |
| 16 | 567.52 | 80.67 |
| 17 | 553.81 | 79.96 |
| 18 | 520.09 | 72.12 |
| 19 | 549.80 | 71.69 |
| 20 | 546.35 | 78.17 |
| 21 | 559.05 | 81.62 |
| 22 | 565.59 | 77.66 |
| 23 | 566.36 | 81.52 |
| 24 | 557.71 | 81.96 |
| 25 | 544.07 | 74.11 |
| 26 | 532.16 | 55.81 |
| 27 | 546.89 | 85.11 |
| 28 | 556.15 | 89.83 |
| 29 | 558.14 | 91.36 |
| 30 | 567.42 | 87.30 |
| 31 | 567.56 | 88.16 |

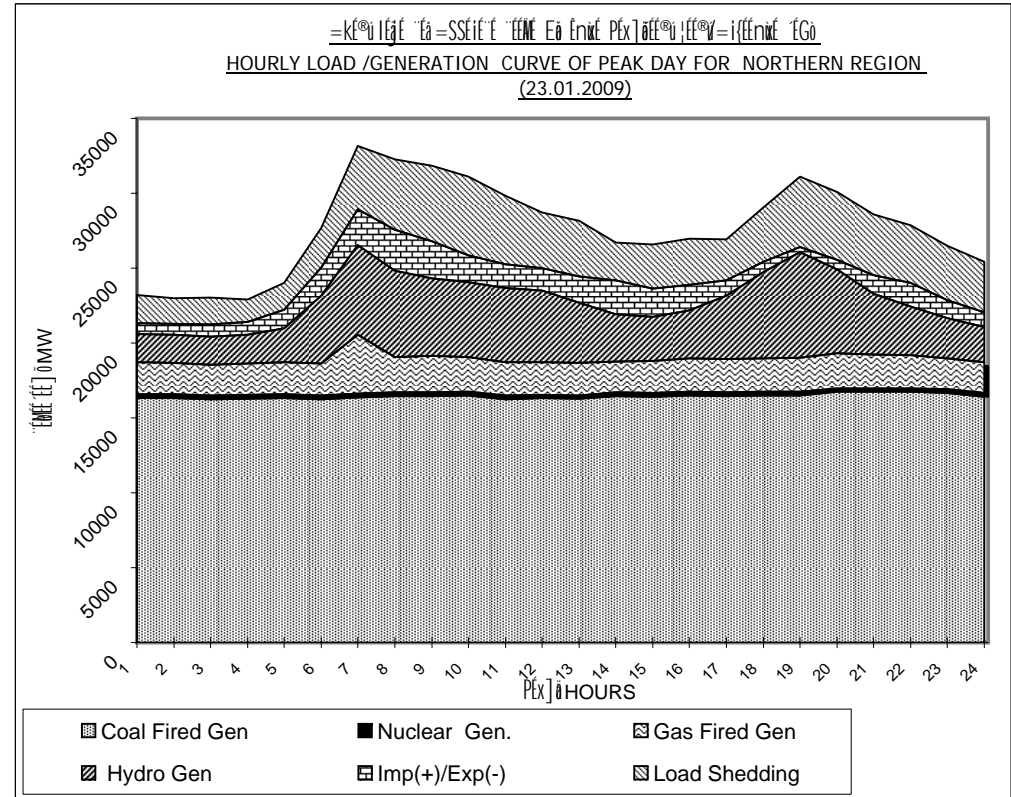


| DATE | AVAILABILITY | SHORTAGE |
|------|--------------|----------|
| 1 | 27661 | 2533 |
| 2 | 27803 | 2960 |
| 3 | 28019 | 3160 |
| 4 | 26852 | 2881 |
| 5 | 27217 | 3984 |
| 6 | 26157 | 4534 |
| 7 | 26594 | 4564 |
| 8 | 26522 | 4288 |
| 9 | 25954 | 3441 |
| 10 | 26285 | 4172 |
| 11 | 27472 | 2796 |
| 12 | 27487 | 2859 |
| 13 | 26529 | 3708 |
| 14 | 26701 | 3690 |
| 15 | 27467 | 3488 |
| 16 | 27224 | 2838 |
| 17 | 25756 | 3516 |
| 18 | 25858 | 2300 |
| 19 | 27164 | 2982 |
| 20 | 26601 | 3517 |
| 21 | 26166 | 3137 |
| 22 | 26601 | 3140 |
| 23 | 26558 | 3822 |
| 24 | 26521 | 3837 |
| 25 | 26184 | 2812 |
| 26 | 25335 | 2148 |
| 27 | 26719 | 3841 |
| 28 | 25943 | 3839 |
| 29 | 26212 | 4135 |
| 30 | 26888 | 3899 |
| 31 | 26978 | 3425 |



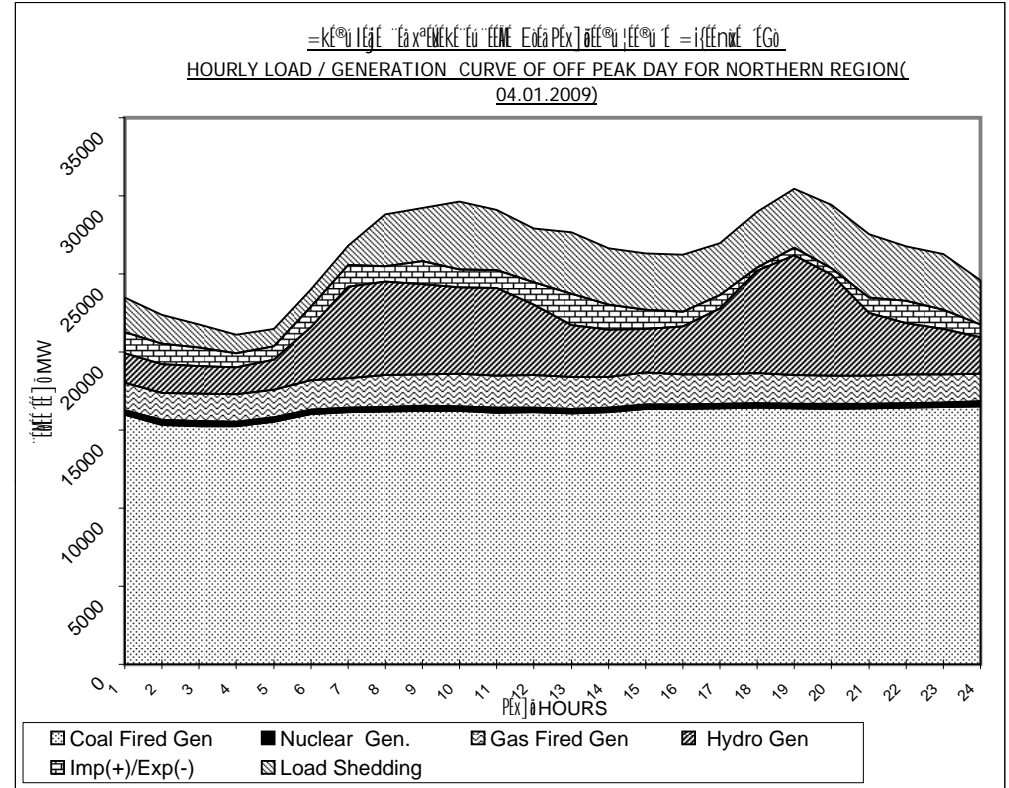
Northern Region

| Hrs | Coal Fired Gen | Nuclear Gen. | Gas Fired Gen | Hydro Gen | Total Gen. | Imp(+)/Exp(-) | Demand Met | Load Shedding |
|-----|----------------|--------------|---------------|-----------|------------|---------------|------------|---------------|
| 1 | 16337 | 254 | 2107 | 1905 | 20603 | 703 | 21306 | 1915 |
| 2 | 16329 | 255 | 2095 | 1896 | 20575 | 720 | 21295 | 1686 |
| 3 | 16223 | 255 | 2087 | 1865 | 20430 | 807 | 21237 | 1817 |
| 4 | 16294 | 254 | 2095 | 1912 | 20555 | 872 | 21427 | 1464 |
| 5 | 16323 | 253 | 2126 | 2293 | 20995 | 1230 | 22225 | 1784 |
| 6 | 16252 | 252 | 2142 | 4537 | 23183 | 1871 | 25054 | 2638 |
| 7 | 16374 | 251 | 3910 | 6000 | 26535 | 2376 | 28911 | 4258 |
| 8 | 16459 | 253 | 2342 | 5788 | 24842 | 2715 | 27557 | 4689 |
| 9 | 16472 | 254 | 2399 | 5174 | 24299 | 2487 | 26786 | 5037 |
| 10 | 16495 | 253 | 2307 | 4997 | 24052 | 1794 | 25846 | 5277 |
| 11 | 16249 | 252 | 2231 | 4941 | 23673 | 1568 | 25241 | 4575 |
| 12 | 16308 | 251 | 2155 | 4805 | 23519 | 1472 | 24991 | 3739 |
| 13 | 16263 | 250 | 2174 | 3984 | 22671 | 1792 | 24463 | 3686 |
| 14 | 16440 | 250 | 2081 | 3171 | 21942 | 2248 | 24190 | 2524 |
| 15 | 16414 | 248 | 2122 | 2966 | 21750 | 1883 | 23633 | 2960 |
| 16 | 16486 | 248 | 2222 | 3244 | 22200 | 1707 | 23907 | 3039 |
| 17 | 16461 | 245 | 2238 | 4212 | 23156 | 1024 | 24180 | 2756 |
| 18 | 16496 | 244 | 2237 | 5755 | 24732 | 705 | 25437 | 3640 |
| 19 | 16486 | 246 | 2273 | 7078 | 26083 | 345 | 26428 | 4698 |
| 20 | 16737 | 248 | 2346 | 5585 | 24916 | 634 | 25550 | 4530 |
| 21 | 16734 | 248 | 2245 | 4060 | 23287 | 1230 | 24517 | 4052 |
| 22 | 16731 | 248 | 2208 | 3239 | 22426 | 1593 | 24019 | 3834 |
| 23 | 16672 | 250 | 2040 | 2716 | 21678 | 1177 | 22855 | 3642 |
| 24 | 16421 | 250 | 2064 | 2338 | 21073 | 968 | 22041 | 3376 |



Northern Region

| Hrs | Coal Fired Gen | Nuclear Gen. | Gas Fired Gen | Hydro Gen | Total Gen. | Imp(+)/Exp(-) | Demand Met | Load Shedding |
|-----|----------------|--------------|---------------|-----------|------------|---------------|------------|---------------|
| 1 | 15966 | 294 | 1756 | 1896 | 19912 | 1348 | 21260 | 2215 |
| 2 | 15342 | 296 | 1753 | 1849 | 19240 | 1277 | 20517 | 1846 |
| 3 | 15265 | 299 | 1757 | 1763 | 19084 | 1221 | 20305 | 1447 |
| 4 | 15241 | 299 | 1749 | 1709 | 18998 | 926 | 19924 | 1194 |
| 5 | 15537 | 298 | 1753 | 1903 | 19491 | 869 | 20360 | 1124 |
| 6 | 16029 | 296 | 1869 | 3414 | 21608 | 1303 | 22911 | 1104 |
| 7 | 16129 | 298 | 1884 | 5871 | 24182 | 1376 | 25558 | 1252 |
| 8 | 16181 | 295 | 2038 | 5992 | 24506 | 993 | 25499 | 3293 |
| 9 | 16246 | 296 | 2036 | 5757 | 24335 | 1490 | 25825 | 3402 |
| 10 | 16229 | 294 | 2068 | 5535 | 24126 | 1179 | 25305 | 4306 |
| 11 | 16119 | 296 | 2051 | 5643 | 24109 | 1132 | 25241 | 3877 |
| 12 | 16154 | 294 | 2062 | 4530 | 23040 | 1442 | 24482 | 3448 |
| 13 | 16066 | 296 | 2021 | 3336 | 21719 | 1991 | 23710 | 3969 |
| 14 | 16150 | 295 | 1954 | 3031 | 21430 | 1612 | 23042 | 3595 |
| 15 | 16340 | 295 | 2054 | 2782 | 21471 | 1245 | 22716 | 3608 |
| 16 | 16340 | 297 | 1915 | 3102 | 21654 | 928 | 22582 | 3648 |
| 17 | 16379 | 298 | 1908 | 4183 | 22768 | 874 | 23642 | 3320 |
| 18 | 16435 | 295 | 1901 | 6588 | 25219 | 204 | 25423 | 3552 |
| 19 | 16378 | 297 | 1859 | 7645 | 26179 | 498 | 26677 | 3754 |
| 20 | 16370 | 295 | 1825 | 6459 | 24949 | 437 | 25386 | 4023 |
| 21 | 16400 | 295 | 1797 | 3989 | 22481 | 983 | 23464 | 4060 |
| 22 | 16433 | 296 | 1826 | 3272 | 21827 | 1455 | 23282 | 3476 |
| 23 | 16461 | 296 | 1813 | 2909 | 21479 | 1228 | 22707 | 3547 |
| 24 | 16536 | 300 | 1788 | 2338 | 20962 | 820 | 21782 | 2824 |



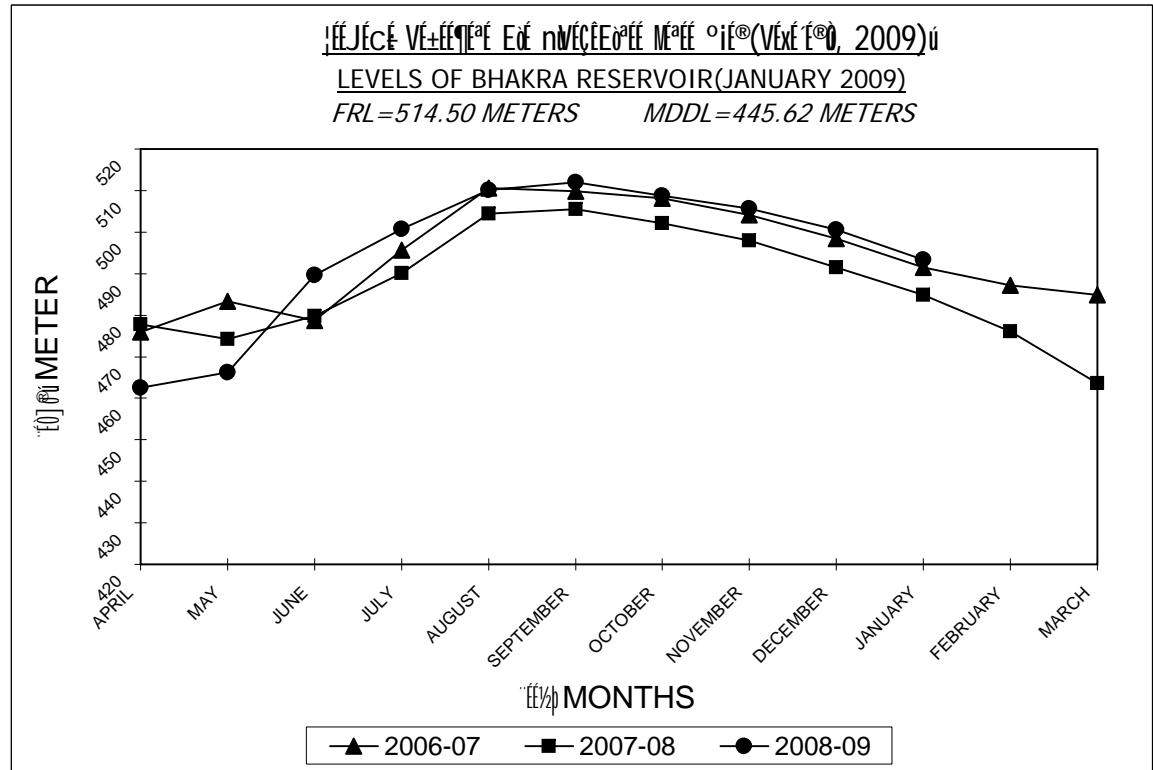
BHAKRA

RESERVOIR LEVEL(on last day of the month in Mtrs.)

| MONTH | 2008-09 | 2007-08 | 2006-07 |
|-----------|---------|---------|---------|
| APRIL | 462.52 | 477.8 | 475.94 |
| MAY | 466.25 | 474.19 | 483.38 |
| JUNE | 489.65 | 479.83 | 478.64 |
| JULY | 500.68 | 490.06 | 495.62 |
| AUGUST | 510.21 | 504.47 | 510.65 |
| SEPTEMBER | 512.00 | 505.46 | 509.82 |
| OCTOBER | 508.69 | 502.08 | 508.13 |
| NOVEMBER | 505.66 | 497.92 | 504.10 |
| DECEMBER | 500.54 | 491.51 | 498.48 |
| JANUARY | 493.39 | 484.82 | 491.52 |
| FEBRUARY | | 476.09 | 487.14 |
| MARCH | | 463.59 | 484.81 |

GENERATION (MU)

| MONTH | 2008-09 | 2007-08 | 2006-07 |
|-----------|---------|---------|---------|
| APRIL | 258.77 | 529.48 | 356.13 |
| MAY | 370.76 | 540.33 | 597.63 |
| JUNE | 460.42 | 536.10 | 768.64 |
| JULY | 742.41 | 647.57 | 574.92 |
| AUGUST | 890.49 | 659.58 | 745.66 |
| SEPTEMBER | 711.28 | 643.31 | 595.02 |
| OCTOBER | 660.63 | 495.26 | 445.61 |
| NOVEMBER | 456.29 | 458.91 | 454.07 |
| DECEMBER | 522.45 | 501.57 | 491.92 |
| JANUARY | 544.22 | 454.37 | 475.40 |
| FEBRUARY | | 410.06 | 320.83 |
| MARCH | | 447.55 | 365.71 |



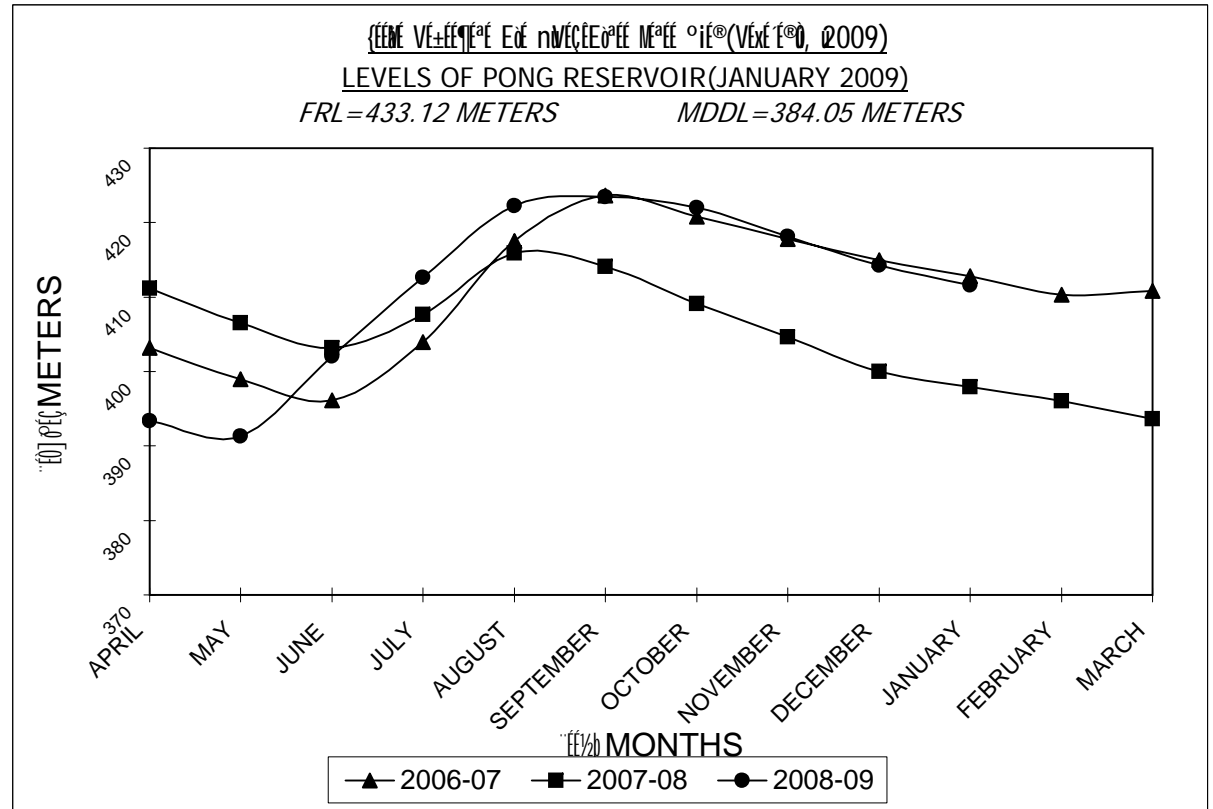
PONG

RESERVOIR LEVEL (on last day of the month in Mtrs.)

| MONTH | 2008-09 | 2007-08 | 2006-07 |
|-----------|---------|---------|---------|
| APRIL | 393.4 | 411.21 | 403.16 |
| MAY | 391.34 | 406.53 | 398.96 |
| JUNE | 402.03 | 403.14 | 396.16 |
| JULY | 412.66 | 407.65 | 403.95 |
| AUGUST | 422.30 | 415.90 | 417.53 |
| SEPTEMBER | 423.48 | 414.08 | 423.63 |
| OCTOBER | 422.01 | 409.11 | 420.82 |
| NOVEMBER | 418.13 | 404.67 | 417.77 |
| DECEMBER | 414.26 | 399.97 | 414.99 |
| JANUARY | 411.64 | 397.95 | 412.77 |
| FEBRUARY | | 396.02 | 410.32 |
| MARCH | | 393.64 | 410.81 |

GENERATION (MU)

| MONTH | 2008-09 | 2007-08 | 2006-07 |
|-----------|---------|---------|---------|
| APRIL | 25.39 | 77.19 | 53.64 |
| MAY | 53.92 | 215.81 | 154.96 |
| JUNE | 33.20 | 188.50 | 106.31 |
| JULY | 51.26 | 176.52 | 150.05 |
| AUGUST | 214.74 | 178.61 | 67.45 |
| SEPTEMBER | 125.91 | 220.41 | 81.44 |
| OCTOBER | 134.2 | 227.57 | 154.87 |
| NOVEMBER | 201.25 | 157.37 | 171.14 |
| DECEMBER | 196.77 | 139.99 | 151.96 |
| JANUARY | 125.49 | 65.01 | 104.66 |
| FEBRUARY | | 59.28 | 114.81 |
| MARCH | | 58.83 | 104.60 |



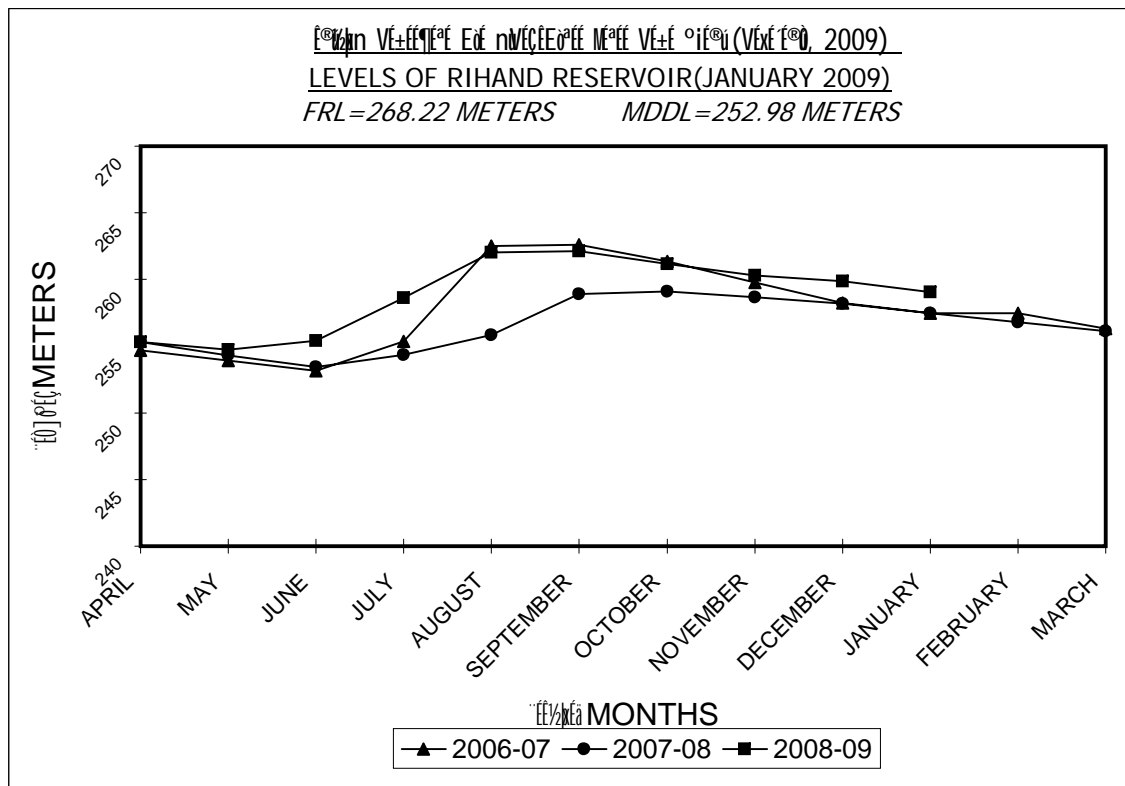
RIHAND

RESERVOIR LEVEL (on last day of the month in Mtrs.)

| MONTH | 2008-09 | 2007-08 | 2006-07 |
|-----------|---------|---------|---------|
| APRIL | 255.33 | 255.3 | 254.69 |
| MAY | 254.75 | 254.29 | 253.90 |
| JUNE | 255.39 | 253.44 | 253.14 |
| JULY | 258.62 | 254.36 | 255.36 |
| AUGUST | 262.01 | 255.85 | 262.52 |
| SEPTEMBER | 262.13 | 258.90 | 262.62 |
| OCTOBER | 261.15 | 259.11 | 261.34 |
| NOVEMBER | 260.30 | 258.68 | 259.78 |
| DECEMBER | 259.87 | 258.17 | 258.26 |
| JANUARY | 259.05 | 257.46 | 257.46 |
| FEBRUARY | | 256.79 | 257.46 |
| MARCH | | 256.12 | 256.34 |

GENERATION (MU)

| MONTH | 2008-09 | 2007-08 | 2006-07 |
|-----------|---------|---------|---------|
| APRIL | 26.39 | 36.17 | 48.31 |
| MAY | 13.12 | 32.59 | 21.10 |
| JUNE | 17.98 | 33.76 | 30.81 |
| JULY | 37.36 | 46.66 | 42.65 |
| AUGUST | 29.67 | 53.17 | 93.48 |
| SEPTEMBER | 67.20 | 18.70 | 100.23 |
| OCTOBER | 67.68 | 56.00 | 99.05 |
| NOVEMBER | 44.53 | 25.64 | 91.12 |
| DECEMBER | 19.81 | 23.20 | 70.26 |
| JANUARY | 38.92 | 31.36 | 35.76 |
| FEBRUARY | | 27.93 | 17.80 |
| MARCH | | 23.12 | 42.79 |



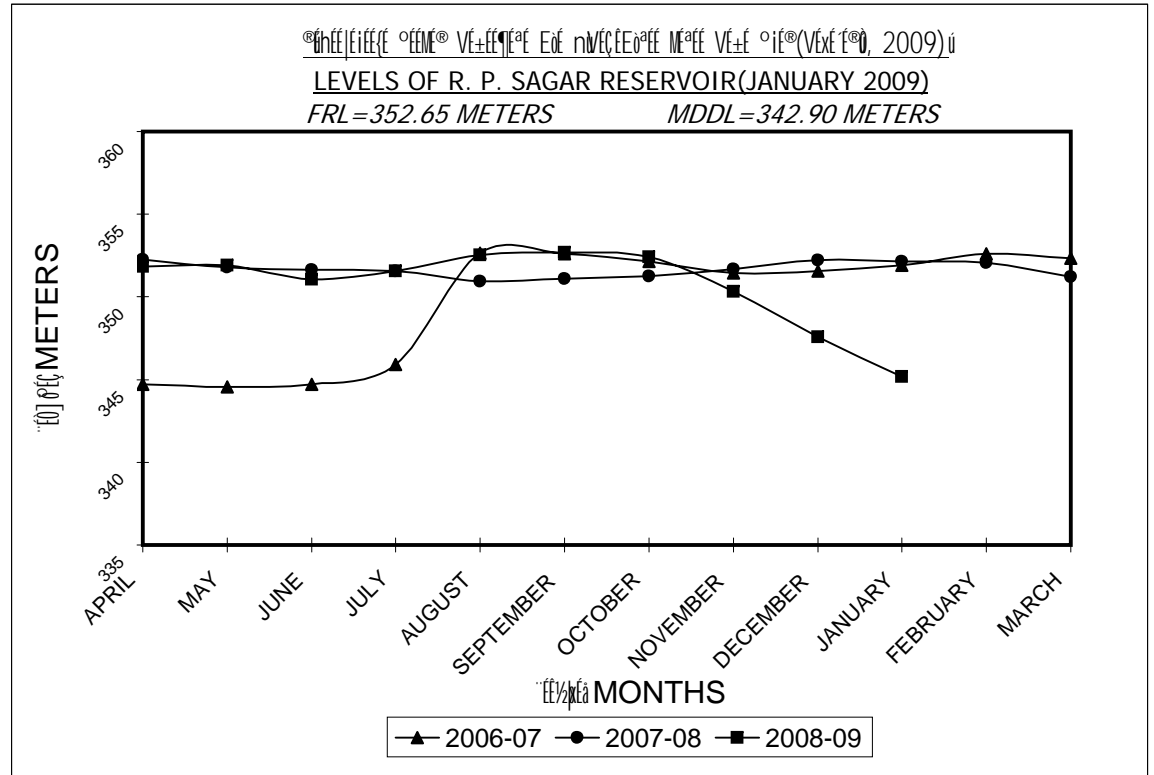
R.P.SAGAR

RESERVOIR LEVEL (on last day of the month in Mtrs.)

| MONTH | 2008-09 | 2007-08 | 2006-07 |
|-----------|---------|---------|---------|
| APRIL | 351.82 | 352.27 | 344.72 |
| MAY | 351.93 | 351.79 | 344.54 |
| JUNE | 351.07 | 351.64 | 344.70 |
| JULY | 351.58 | 351.58 | 345.92 |
| AUGUST | 352.54 | 350.95 | 352.66 |
| SEPTEMBER | 352.67 | 351.10 | 352.59 |
| OCTOBER | 352.41 | 351.24 | 352.15 |
| NOVEMBER | 350.32 | 351.68 | 351.46 |
| DECEMBER | 347.56 | 352.24 | 351.57 |
| JANUARY | 345.16 | 352.14 | 351.91 |
| FEBRUARY | | 352.07 | 352.59 |
| MARCH | | 351.20 | 352.35 |

GENERATION (MU)

| MONTH | 2008-09 | 2007-08 | 2006-07 |
|-----------|---------|---------|---------|
| APRIL | 13.81 | 21.11 | 2.50 |
| MAY | 0.37 | 29.12 | 0.06 |
| JUNE | 41.55 | 58.38 | 0.84 |
| JULY | 17.60 | 101.68 | 0.00 |
| AUGUST | 2.68 | 37.76 | 28.89 |
| SEPTEMBER | 6.04 | 49.24 | 80.34 |
| OCTOBER | 11.54 | 52.42 | 71.96 |
| NOVEMBER | 76.39 | 65.22 | 74.22 |
| DECEMBER | 72.34 | 63.84 | 74.22 |
| JANUARY | 57.64 | 71.66 | 75.20 |
| FEBRUARY | | 65.79 | 50.85 |
| MARCH | | 59.92 | 44.07 |



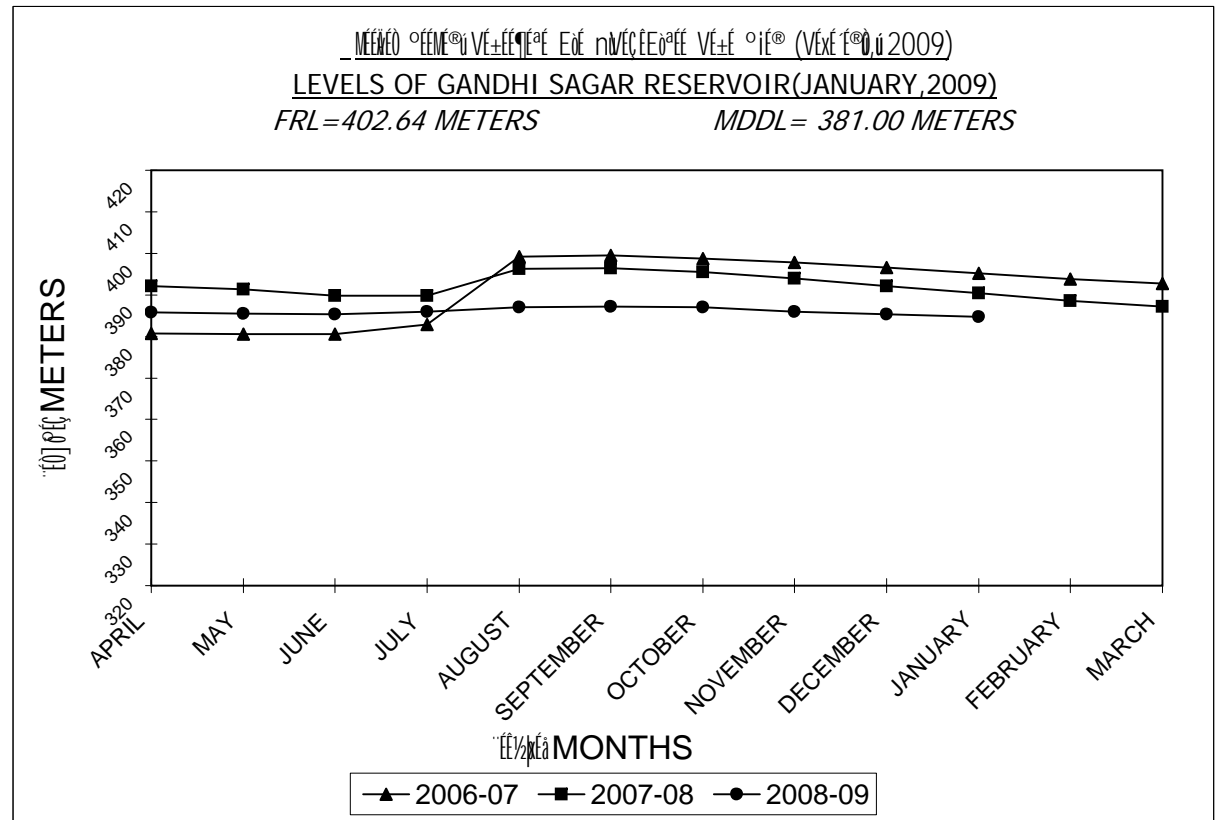
GANDHI SAGAR

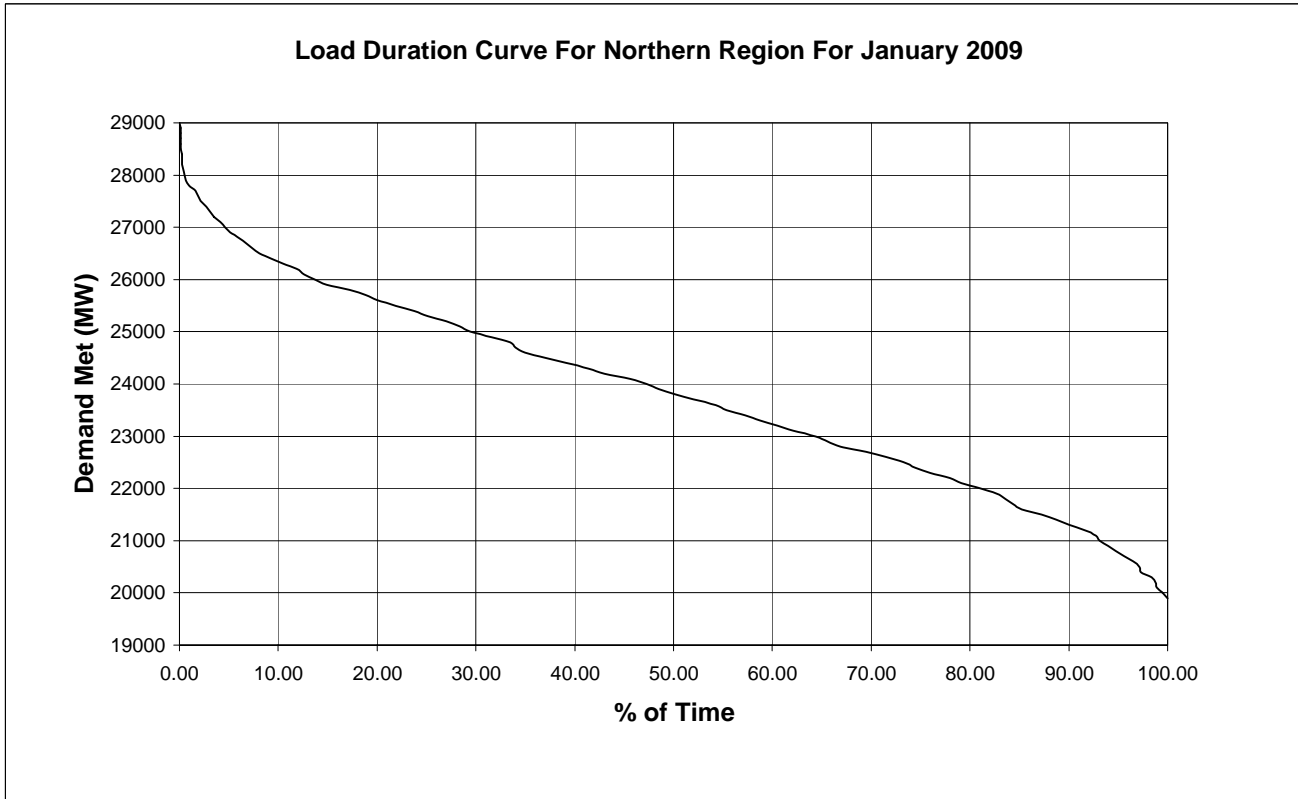
RESERVOIR LEVEL(on last day of the month in Mtrs.)

| MONTH | 2008-09 | 2007-08 | 2006-07 |
|-----------|---------|---------|---------|
| APRIL | 385.76 | 392.15 | 380.76 |
| MAY | 385.43 | 391.38 | 380.57 |
| JUNE | 385.32 | 389.81 | 380.57 |
| JULY | 385.88 | 389.76 | 382.92 |
| AUGUST | 386.98 | 396.30 | 399.27 |
| SEPTEMBER | 387.21 | 396.40 | 399.51 |
| OCTOBER | 386.96 | 395.44 | 398.77 |
| NOVEMBER | 385.95 | 393.95 | 397.87 |
| DECEMBER | 385.38 | 392.18 | 396.64 |
| JANUARY | 384.77 | 390.46 | 395.16 |
| FEBRUARY | | 388.62 | 393.82 |
| MARCH | | 387.14 | 392.73 |

GENERATION (MU)

| MONTH | 2008-09 | 2007-08 | 2006-07 |
|-----------|---------|---------|---------|
| APRIL | 23.79 | 15.94 | 0.53 |
| MAY | 3.59 | 17.13 | 0.00 |
| JUNE | 11.22 | 39.79 | 0.00 |
| JULY | 10.19 | 39.60 | 1.20 |
| AUGUST | 1.66 | 41.07 | 33.03 |
| SEPTEMBER | 0.86 | 43.33 | 55.26 |
| OCTOBER | 3.91 | 53.62 | 54.74 |
| NOVEMBER | 17.55 | 65.53 | 53.92 |
| DECEMBER | 9.12 | 65.47 | 69.88 |
| JANUARY | 9.62 | 52.51 | 73.29 |
| FEBRUARY | | 45.67 | 56.33 |
| MARCH | | 27.35 | 33.95 |





Frequency Duration Curve For Northern Region For January 2009

Average Frequency: 49.58Hz

