

## 1. HIGHLIGHTS OF POWER SECTOR

### a Installed Generation Capacity As on 31.03.2008

| All India | Thermal  |          |         |          | Nuclear | Hydro<br>(Renewable) | RES**<br>(MNRE) | Grand Total |
|-----------|----------|----------|---------|----------|---------|----------------------|-----------------|-------------|
|           | Coal     | Gas      | Diesel  | Total    |         |                      |                 |             |
| MW        | 76048.88 | 14656.21 | 1201.75 | 91906.84 | 4120.00 | 35908.76             | 11125.41        | 143061.01   |
| %age      | 53.2     | 10.2     | 0.8     | 64.2     | 2.9     | 25.1                 | 7.8             | 100.0       |

\*\*Based on data as on 31.12.2007.

### b Feasible Capacity Addition Programme during 11th Plan(Tentative)

|      | Hydro | Thermal | Nuclear | Total |
|------|-------|---------|---------|-------|
| MW   | 15627 | 59513   | 3380    | 78520 |
| %age | 19.9  | 75.8    | 4.3     | 100.0 |

### c Generation Capacity Addition Programme/Achievement (2007-08)

|                    | Hydro   | Thermal | Nuclear | Total   |
|--------------------|---------|---------|---------|---------|
| <u>Programme</u>   |         |         |         |         |
| (MW)               | 2751    | 12704.2 | 880     | 16335.2 |
| %age               | 16.8    | 77.8    | 5.4     | 100.0   |
| <u>Achievement</u> |         |         |         |         |
| (MW)               | 2423.00 | 6620.00 | 220.00  | 9263    |
| %age               | 26.2    | 71.5    | 2.4     | 100.0   |

### d Status of CEA Concurrence to Hydro Schemes (2007-08)

| Period       | Project report received | Accepted for concurrence | Concurrence given by CEA | Project reports returned to Developer |
|--------------|-------------------------|--------------------------|--------------------------|---------------------------------------|
| Ivth Quarter | 2                       | 1                        | 1                        | 6                                     |
| 2007-08      | 13                      | 3                        | 4                        | 10                                    |

### e Electricity Generation Programme/achievement (2007-08)

|                      | Hydro    | Thermal  | Nuclear  | Bhutan<br>(Imp) | Total     |
|----------------------|----------|----------|----------|-----------------|-----------|
| <u>Programme</u>     |          |          |          |                 |           |
| MU                   | 109450   | 572194   | 22713    | 5643            | 710000    |
| %age                 | 15.4     | 80.6     | 3.2      | 0.8             | 100.0     |
| <u>Achievement *</u> |          |          |          |                 |           |
| MU                   | 123569.8 | 558815.2 | 16775.71 | 5290.11         | 704450.81 |
| %age                 | 17.5     | 79.3     | 2.4      | 0.8             | 100.0     |

\* Provisional

### f All India Thermal PLF (%)

| 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 |
|---------|---------|---------|---------|---------|---------|---------|
| 69.9    | 72.2    | 72.7    | 74.8    | 73.6    | 76.8    | 78.61*  |

\* Provisional

**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 31-03-08 )

| State                 | Ownership Sector      | Modewise breakup |         |        |               | Nuclear | Hydro (Renewable) | RES** (MNRE) | Grand Total |
|-----------------------|-----------------------|------------------|---------|--------|---------------|---------|-------------------|--------------|-------------|
|                       |                       | Thermal          |         |        | Total Thermal |         |                   |              |             |
|                       |                       | Coal             | Gas     | Diesel |               |         |                   |              |             |
| Delhi                 | State                 | 320.00           | 612.40  | 0.00   | 932.40        | 0.00    | 0.00              | 0.00         | 932.40      |
|                       | 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          | 816.70  | 0.00   | 3057.20       | 47.08   | 585.06            | 0.00         | 3689.34     |
| Haryana               | State                 | 2202.50          | 0.00    | 3.92   | 2206.42       | 0.00    | 884.24            | 62.70        | 3153.36     |
|                       | 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             | 2578.07          | 532.04  | 3.92   | 3114.03       | 76.16   | 1331.40           | 68.70        | 4590.29     |
| Himachal              | State                 | 0.00             | 0.00    | 0.13   | 0.13          | 0.00    | 393.60            | 146.62       | 540.35      |
|                       | 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           | 146.62       | 1857.97     |
| Jammu & Kashmir       | State                 | 0.00             | 175.00  | 8.94   | 183.94        | 0.00    | 330.00            | 111.83       | 625.77      |
|                       | 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   | 1019.50           | 111.83       | 1708.95     |
| Punjab                | State                 | 2380.00          | 0.00    | 0.00   | 2380.00       | 0.00    | 2319.82           | 123.90       | 4823.72     |
|                       | 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             | 2926.21          | 259.72  | 0.00   | 3185.93       | 151.04  | 3031.57           | 161.47       | 6530.01     |
| Rajasthan             | 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              | 512.75       | 512.75      |
|                       | 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           | 543.00       | 6242.85     |
| Uttar Pradesh         | State                 | 4380.00          | 0.00    | 0.00   | 4380.00       | 0.00    | 527.40            | 25.10        | 4932.50     |
|                       | Private               | 0.00             | 0.00    | 0.00   | 0.00          | 0.00    | 0.00              | 148.88       | 148.88      |
|                       | Central               | 2373.31          | 541.16  | 0.00   | 2914.47       | 203.72  | 1078.09           | 0.00         | 4196.28     |
|                       | Sub-Total             | 6753.31          | 541.16  | 0.00   | 7294.47       | 203.72  | 1605.49           | 173.98       | 9277.66     |
| Uttrakhand            | State                 | 0.00             | 0.00    | 0.00   | 0.00          | 0.00    | 1248.25           | 82.62        | 1330.87     |
|                       | 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           | 82.67        | 2355.73     |
| Chandigarh            | State                 | 0.00             | 0.00    | 2.00   | 2.00          | 0.00    | 0.00              | 0.00         | 2.00        |
|                       | 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   | 2.00   | 43.58         | 4.84    | 47.04             | 0.00         | 95.46       |
|                       | Central - Unallocated | 713.61           | 285.73  | 0.00   | 999.34        | 129.80  | 401.70            | 0.00         | 1530.84     |
| Total Northern Region | State                 | 11827.50         | 1231.20 | 14.99  | 13073.69      | 0.00    | 6691.15           | 583.02       | 20347.86    |
|                       | Private               | 0.00             | 0.00    | 0.00   | 0.00          | 0.00    | 786.00            | 705.25       | 1491.25     |
|                       | Central               | 7050.00          | 2311.99 | 0.00   | 9361.99       | 1180.00 | 5498.00           | 0.00         | 16039.99    |
|                       | Grand Total           | 18877.50         | 3543.19 | 14.99  | 22435.68      | 1180.00 | 12975.15          | 1288.27      | 37879.10    |

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

(As on 31-03-08 )

| State                | Ownership Sector      | Modewise breakup |         |        |               | Nuclear | Hydro (Renewable) | RES** (MNRE) | Grand Total |
|----------------------|-----------------------|------------------|---------|--------|---------------|---------|-------------------|--------------|-------------|
|                      |                       | Thermal          |         |        | Total Thermal |         |                   |              |             |
|                      |                       | Coal             | Gas     | Diesel |               |         |                   |              |             |
| Goa                  | State                 | 0.00             | 0.00    | 0.00   | 0.00          | 0.00    | 0.00              | 0.05         | 0.05        |
|                      | Private               | 0.00             | 48.00   | 0.00   | 48.00         | 0.00    | 0.00              | 30.00        | 78.00       |
|                      | Central               | 274.18           | 0.00    | 0.00   | 274.18        | 0.00    | 0.00              | 0.00         | 274.18      |
|                      | Sub-Total             | 274.18           | 48.00   | 0.00   | 322.18        | 0.00    | 0.00              | 30.05        | 352.23      |
| Daman & Diu          |                       |                  |         |        |               |         |                   |              |             |
|                      | 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               | 12.99            | 4.13    | 0.00   | 17.12         | 1.98    | 0.00              | 0.00         | 19.10       |
|                      | Sub-Total             | 12.99            | 4.13    | 0.00   | 17.12         | 1.98    | 0.00              | 0.00         | 19.10       |
| Gujarat              |                       |                  |         |        |               |         |                   |              |             |
|                      | State                 | 4369.00          | 518.72  | 17.28  | 4905.00       | 0.00    | 772.00            | 24.30        | 5701.30     |
|                      | Private               | 640.00           | 1430.00 | 0.20   | 2070.20       | 0.00    | 0.00              | 833.80       | 2904.00     |
|                      | Central               | 1204.29          | 417.40  | 0.00   | 1621.69       | 825.00  | 0.00              | 0.00         | 2446.69     |
|                      | Sub-Total             | 6213.29          | 2366.12 | 17.48  | 8596.89       | 825.00  | 772.00            | 858.10       | 11051.99    |
| Madhya Pradesh       |                       |                  |         |        |               |         |                   |              |             |
|                      | State                 | 2657.50          | 0.00    | 0.00   | 2657.50       | 0.00    | 1703.67           | 51.76        | 4412.93     |
|                      | Private               | 0.00             | 0.00    | 0.00   | 0.00          | 0.00    | 0.00              | 71.05        | 71.05       |
|                      | Central               | 1402.10          | 252.91  | 0.00   | 1655.01       | 92.88   | 1520.00           | 0.00         | 3267.89     |
|                      | Sub-Total             | 4059.60          | 252.91  | 0.00   | 4312.51       | 92.88   | 3223.67           | 122.81       | 7751.87     |
| Chhatisgarh          |                       |                  |         |        |               |         |                   |              |             |
|                      | State                 | 1780.00          | 0.00    | 0.00   | 1780.00       | 0.00    | 120.00            | 18.05        | 1918.05     |
|                      | Private               | 750.00           | 0.00    | 0.00   | 750.00        | 0.00    | 0.00              | 146.30       | 896.30      |
|                      | Central               | 288.90           | 0.00    | 0.00   | 288.90        | 0.00    | 0.00              | 0.00         | 288.90      |
|                      | Sub-Total             | 2818.90          | 0.00    | 0.00   | 2818.90       | 0.00    | 120.00            | 164.35       | 3103.25     |
| Maharastra           | State                 | 6546.00          | 912.00  | 0.00   | 7458.00       | 0.00    | 2638.83           | 219.73       | 10316.56    |
|                      | Private               | 1650.00          | 180.00  | 0.00   | 1830.00       | 0.00    | 444.00            | 1735.90      | 4009.90     |
|                      | Central               | 1787.00          | 2617.28 | 0.00   | 4404.28       | 852.06  | 0.00              | 0.00         | 5256.34     |
|                      | Sub-Total             | 9983.00          | 3709.28 | 0.00   | 13692.28      | 852.06  | 3082.83           | 1955.63      | 19582.80    |
| Dadra & Nagar Haveli |                       |                  |         |        |               |         |                   |              |             |
|                      | 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               | 15.19            | 26.61   | 0.00   | 41.80         | 1.98    | 0.00              | 0.00         | 43.78       |
|                      | Sub-Total             | 15.19            | 26.61   | 0.00   | 41.80         | 1.98    | 0.00              | 0.00         | 43.78       |
|                      | Central - Unallocated | 875.35           | 193.67  | 0.00   | 1069.02       | 66.10   | 0.00              | 0.00         | 1135.12     |
| Total western Region | State                 | 15352.50         | 1430.72 | 17.28  | 16800.50      | 0.00    | 5234.50           | 313.89       | 22348.89    |
|                      | Private               | 3040.00          | 1658.00 | 0.20   | 4698.20       | 0.00    | 444.00            | 2817.05      | 7959.25     |
|                      | Central               | 5860.00          | 3512.00 | 0.00   | 9372.00       | 1840.00 | 1520.00           | 0.00         | 12732.00    |
|                      | Grand Total           | 24252.50         | 6600.72 | 17.48  | 30870.70      | 1840.00 | 7198.50           | 3130.94      | 43040.14    |

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

(As on 31-03-08 )

| State                 | Ownership Sector      | Modewise breakup |         |        |               | Nuclear | Hydro (Renewable) | RES** (MNRE) | Grand Total |
|-----------------------|-----------------------|------------------|---------|--------|---------------|---------|-------------------|--------------|-------------|
|                       |                       | Thermal          |         |        | Total Thermal |         |                   |              |             |
|                       |                       | Coal             | Gas     | Diesel |               |         |                   |              |             |
| Andhra Pradesh        | State                 | 3342.50          | 272.30  | 0.00   | 3614.80       | 0.00    | 3533.93           | 185.96       | 7334.69     |
|                       | Private               | 0.00             | 1603.40 | 36.80  | 1640.20       | 0.00    | 0.00              | 477.13       | 2117.33     |
|                       | Central               | 2377.38          | 0.00    | 0.00   | 2377.38       | 37.41   | 0.00              | 0.00         | 2414.79     |
|                       | Sub-Total             | 5719.88          | 1875.70 | 36.80  | 7632.38       | 37.41   | 3533.93           | 663.09       | 11866.81    |
| Karnataka             |                       |                  |         |        |               |         |                   |              |             |
|                       | State                 | 1970.00          | 0.00    | 127.92 | 2097.92       | 0.00    | 3288.20           | 471.49       | 5857.61     |
|                       | Private               | 260.00           | 220.00  | 106.50 | 586.50        | 0.00    | 0.00              | 1169.24      | 1755.74     |
|                       | Central               | 1072.67          | 0.00    | 0.00   | 1072.67       | 190.90  | 0.00              | 0.00         | 1263.57     |
|                       | Sub-Total             | 3302.67          | 220.00  | 234.42 | 3757.09       | 190.90  | 3288.20           | 1640.73      | 8876.92     |
| Kerala                |                       |                  |         |        |               |         |                   |              |             |
|                       | State                 | 0.00             | 0.00    | 234.60 | 234.60        | 0.00    | 1769.10           | 100.12       | 2103.82     |
|                       | Private               | 0.00             | 174.00  | 21.84  | 195.84        | 0.00    | 0.00              | 0.02         | 195.86      |
|                       | Central               | 765.38           | 350.00  | 0.00   | 1115.38       | 80.09   | 0.00              | 0.00         | 1195.47     |
|                       | Sub-Total             | 765.38           | 524.00  | 256.44 | 1545.82       | 80.09   | 1769.10           | 100.14       | 3495.15     |
| Tamil Nadu            |                       |                  |         |        |               |         |                   |              |             |
|                       | State                 | 2970.00          | 431.00  | 0.00   | 3401.00       | 0.00    | 2093.95           | 110.20       | 5605.15     |
|                       | Private               | 250.00           | 503.10  | 411.66 | 1164.76       | 0.00    | 0.00              | 3836.30      | 5001.06     |
|                       | Central               | 2299.81          | 0.00    | 0.00   | 2299.81       | 657.39  | 0.00              | 0.00         | 2957.20     |
|                       | Sub-Total             | 5519.81          | 934.10  | 411.66 | 6865.57       | 657.39  | 2093.95           | 3946.50      | 13563.41    |
| NLC                   |                       |                  |         |        |               |         |                   |              |             |
|                       | 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               | 100.17           | 0.00    | 0.00   | 100.17        | 0.00    | 0.00              | 0.00         | 100.17      |
|                       | Sub-Total             | 100.17           | 0.00    | 0.00   | 100.17        | 0.00    | 0.00              | 0.00         | 100.17      |
| Puducherry            |                       |                  |         |        |               |         |                   |              |             |
|                       | State                 | 0.00             | 32.50   | 0.00   | 32.50         | 0.00    | 0.00              | 0.00         | 32.50       |
|                       | Private               | 0.00             | 0.00    | 0.00   | 0.00          | 0.00    | 0.00              | 0.02         | 0.02        |
|                       | Central               | 207.01           | 0.00    | 0.00   | 207.01        | 17.09   | 0.00              | 0.00         | 224.10      |
|                       | Sub-Total             | 207.01           | 32.50   | 0.00   | 239.51        | 17.09   | 0.00              | 0.02         | 256.62      |
|                       | Central - Unallocated | 1067.58          | 0.00    | 0.00   | 1067.58       | 117.12  | 0.00              | 0.00         | 1184.70     |
| Total Southern Region | State                 | 8282.50          | 735.80  | 362.52 | 9380.82       | 0.00    | 10685.18          | 867.77       | 20933.77    |
|                       | Private               | 510.00           | 2500.50 | 576.80 | 3587.30       | 0.00    | 0.00              | 5482.71      | 9070.01     |
|                       | Central               | 7890.00          | 350.00  | 0.00   | 8240.00       | 1100.00 | 0.00              | 0.00         | 9340.00     |
|                       | Grand Total           | 16682.50         | 3586.30 | 939.32 | 21208.12      | 1100.00 | 10685.18          | 6350.48      | 39343.78    |

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

(As on 31-03-08 )

| State                | Ownership Sector      | Modewise breakup |        |        |          | Nuclear | Hydro (Renewable) | RES** (MNRE) | Grand Total |
|----------------------|-----------------------|------------------|--------|--------|----------|---------|-------------------|--------------|-------------|
|                      |                       | Thermal          |        |        | Total    |         |                   |              |             |
|                      |                       | Coal             | Gas    | Diesel | Thermal  |         |                   |              |             |
| Bihar                | State                 | 540.00           | 0.00   | 0.00   | 540.00   | 0.00    | 0.00              | 50.40        | 590.40      |
|                      | Private               | 0.00             | 0.00   | 0.00   | 0.00     | 0.00    | 0.00              | 0.00         | 0.00        |
|                      | Central               | 1306.59          | 0.00   | 0.00   | 1306.59  | 0.00    | 73.00             | 0.00         | 1379.59     |
|                      | Sub-Total             | 1846.59          | 0.00   | 0.00   | 1846.59  | 0.00    | 73.00             | 50.40        | 1969.99     |
| Jharkhand            |                       |                  |        |        |          |         |                   |              |             |
|                      | State                 | 1260.00          | 0.00   | 0.00   | 1260.00  | 0.00    | 130.00            | 4.05         | 1394.05     |
|                      | Private               | 360.00           | 0.00   | 0.00   | 360.00   | 0.00    | 0.00              | 0.00         | 360.00      |
|                      | Central               | 352.52           | 0.00   | 0.00   | 352.52   | 0.00    | 46.00             | 0.00         | 398.52      |
|                      | Sub-Total             | 1972.52          | 0.00   | 0.00   | 1972.52  | 0.00    | 176.00            | 4.05         | 2152.57     |
| West Bengal          |                       |                  |        |        |          |         |                   |              |             |
|                      | State                 | 4275.00          | 100.00 | 12.06  | 4387.06  | 0.00    | 1022.00           | 99.50        | 5508.56     |
|                      | Private               | 1081.38          | 0.00   | 0.14   | 1081.52  | 0.00    | 0.00              | 0.05         | 1081.57     |
|                      | Central               | 701.56           | 0.00   | 0.00   | 701.56   | 0.00    | 140.00            | 0.00         | 841.56      |
|                      | Sub-Total             | 6057.94          | 100.00 | 12.20  | 6170.14  | 0.00    | 1162.00           | 99.55        | 7431.69     |
| DVC                  |                       |                  |        |        |          |         |                   |              |             |
|                      | 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               | 3100.00          | 90.00  | 0.00   | 3190.00  | 0.00    | 196.00            | 0.00         | 3386.00     |
|                      | Sub-Total             | 3100.00          | 90.00  | 0.00   | 3190.00  | 0.00    | 196.00            | 0.00         | 3386.00     |
| Orissa               |                       |                  |        |        |          |         |                   |              |             |
|                      | State                 | 420.00           | 0.00   | 0.00   | 420.00   | 0.00    | 2067.93           | 7.30         | 2495.23     |
|                      | Private               | 0.00             | 0.00   | 0.00   | 0.00     | 0.00    | 0.00              | 3.20         | 3.20        |
|                      | Central               | 1445.23          | 0.00   | 0.00   | 1445.23  | 0.00    | 107.00            | 0.00         | 1552.23     |
|                      | Sub-Total             | 1865.23          | 0.00   | 0.00   | 1865.23  | 0.00    | 2174.93           | 10.50        | 4050.66     |
| Sikkim               |                       |                  |        |        |          |         |                   |              |             |
|                      | State                 | 0.00             | 0.00   | 5.00   | 5.00     | 0.00    | 0.00              | 39.11        | 44.11       |
|                      | Private               | 0.00             | 0.00   | 0.00   | 0.00     | 0.00    | 0.00              | 0.00         | 0.00        |
|                      | Central               | 71.98            | 0.00   | 0.00   | 71.98    | 0.00    | 75.00             | 0.00         | 146.98      |
|                      | Sub-Total             | 71.98            | 0.00   | 5.00   | 76.98    | 0.00    | 75.00             | 39.11        | 191.09      |
|                      | Central - Unallocated | 1232.12          | 0.00   | 0.00   | 1232.12  | 0.00    | 77.00             | 0.00         |             |
| Total Eastern Region | State                 | 6495.00          | 100.00 | 17.06  | 6612.06  | 0.00    | 3219.93           | 200.36       | 10032.35    |
|                      | Private               | 1441.38          | 0.00   | 0.14   | 1441.52  | 0.00    | 0.00              | 3.25         | 1444.77     |
|                      | Central               | 8210.00          | 90.00  | 0.00   | 8300.00  | 0.00    | 714.00            | 0.00         | 9014.00     |
|                      | Grand Total           | 16146.38         | 190.00 | 17.20  | 16353.58 | 0.00    | 3933.93           | 203.61       | 20491.12    |

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

(As on 31-03-08 )

| State                 | Ownership Sector      | Modewise breakup |        |        |               | Nuclear | Hydro (Renewable) | RES** (MNRE) | Grand Total |
|-----------------------|-----------------------|------------------|--------|--------|---------------|---------|-------------------|--------------|-------------|
|                       |                       | Thermal          |        |        | Total Thermal |         |                   |              |             |
|                       |                       | Coal             | Gas    | Diesel |               |         |                   |              |             |
| Assam                 | State                 | 90.00            | 209.00 | 20.69  | 319.69        | 0.00    | 100.00            | 2.11         | 421.80      |
|                       | Private               | 0.00             | 24.50  | 0.00   | 24.50         | 0.00    | 0.00              | 0.00         | 24.50       |
|                       | Central               | 0.00             | 178.00 | 0.00   | 178.00        | 0.00    | 331.00            | 0.00         | 509.00      |
|                       | Sub-Total             | 90.00            | 411.50 | 20.69  | 522.19        | 0.00    | 431.00            | 2.11         | 955.30      |
| Arunachal Pradesh     | State                 | 0.00             | 0.00   | 15.88  | 15.88         | 0.00    | 0.00              | 45.24        | 61.12       |
|                       | Private               | 0.00             | 0.00   | 0.00   | 0.00          | 0.00    | 0.00              | 0.02         | 0.02        |
|                       | Central               | 0.00             | 21.00  | 0.00   | 21.00         | 0.00    | 98.00             | 0.00         | 119.00      |
|                       | Sub-Total             | 0.00             | 21.00  | 15.88  | 36.88         | 0.00    | 98.00             | 45.26        | 180.14      |
| Meghalaya             | State                 | 0.00             | 0.00   | 2.05   | 2.05          | 0.00    | 156.00            | 31.03        | 189.08      |
|                       | Private               | 0.00             | 0.00   | 0.00   | 0.00          | 0.00    | 0.00              | 0.00         | 0.00        |
|                       | Central               | 0.00             | 26.00  | 0.00   | 26.00         | 0.00    | 73.00             | 0.00         | 99.00       |
|                       | Sub-Total             | 0.00             | 26.00  | 2.05   | 28.05         | 0.00    | 229.00            | 31.03        | 288.08      |
| Tripura               | State                 | 0.00             | 127.50 | 4.85   | 132.35        | 0.00    | 0.00              | 16.01        | 148.36      |
|                       | Private               | 0.00             | 0.00   | 0.00   | 0.00          | 0.00    | 0.00              | 0.00         | 0.00        |
|                       | Central               | 0.00             | 33.00  | 0.00   | 33.00         | 0.00    | 62.00             | 0.00         | 95.00       |
|                       | Sub-Total             | 0.00             | 160.50 | 4.85   | 165.35        | 0.00    | 62.00             | 16.01        | 243.36      |
| Manipur               | State                 | 0.00             | 0.00   | 45.41  | 45.41         | 0.00    | 0.00              | 5.45         | 50.86       |
|                       | Private               | 0.00             | 0.00   | 0.00   | 0.00          | 0.00    | 0.00              | 0.00         | 0.00        |
|                       | Central               | 0.00             | 26.00  | 0.00   | 26.00         | 0.00    | 81.00             | 0.00         | 107.00      |
|                       | Sub-Total             | 0.00             | 26.00  | 45.41  | 71.41         | 0.00    | 81.00             | 5.45         | 157.86      |
| Nagaland              | State                 | 0.00             | 0.00   | 2.00   | 2.00          | 0.00    | 0.00              | 28.67        | 30.67       |
|                       | Private               | 0.00             | 0.00   | 0.00   | 0.00          | 0.00    | 0.00              | 0.00         | 0.00        |
|                       | Central               | 0.00             | 19.00  | 0.00   | 19.00         | 0.00    | 53.00             | 0.00         | 72.00       |
|                       | Sub-Total             | 0.00             | 19.00  | 2.00   | 21.00         | 0.00    | 53.00             | 28.67        | 102.67      |
| Mizoram               | State                 | 0.00             | 0.00   | 51.86  | 51.86         | 0.00    | 0.00              | 17.47        | 69.33       |
|                       | Private               | 0.00             | 0.00   | 0.00   | 0.00          | 0.00    | 0.00              | 0.00         | 0.00        |
|                       | Central               | 0.00             | 16.00  | 0.00   | 16.00         | 0.00    | 34.00             | 0.00         | 50.00       |
|                       | Sub-Total             | 0.00             | 16.00  | 51.86  | 67.86         | 0.00    | 34.00             | 17.47        | 119.33      |
|                       | Central - Unallocated | 0.00             | 56.00  | 0.00   | 56.00         | 0.00    | 128.00            | 0.00         | 184.00      |
| Total                 | State                 | 90.00            | 336.50 | 142.74 | 569.24        | 0.00    | 256.00            | 145.98       | 971.22      |
| North- Eastern Region | Private               | 0.00             | 24.50  | 0.00   | 24.50         | 0.00    | 0.00              | 0.02         | 24.52       |
|                       | Central               | 0.00             | 375.00 | 0.00   | 375.00        | 0.00    | 860.00            | 0.00         | 1235.00     |
|                       | Grand Total           | 90.00            | 736.00 | 142.74 | 968.74        | 0.00    | 1116.00           | 146.00       | 2230.74     |

**INSTALLED CAPACITY (IN MW) OF POWER UTILITIES IN THE ISLANDS**

**(As on 31-03-08 )**

| State             | Ownership Sector | Modewise breakup |      |        |               | Nuclear | Hydro (Renewable) | RES** (MNRE) | Grand Total |
|-------------------|------------------|------------------|------|--------|---------------|---------|-------------------|--------------|-------------|
|                   |                  | Thermal          |      |        | Total Thermal |         |                   |              |             |
|                   |                  | Coal             | Gas  | Diesel |               |         |                   |              |             |
| Andaman & Nicobar | State            | 0.00             | 0.00 | 40.05  | 40.05         | 0.00    | 0.00              | 5.25         | 45.30       |
|                   | Private          | 0.00             | 0.00 | 20.00  | 20.00         | 0.00    | 0.00              | 0.10         | 20.10       |
|                   | Central          | 0.00             | 0.00 | 0.00   | 0.00          | 0.00    | 0.00              | 0.00         | 0.00        |
|                   | Sub-Total        | 0.00             | 0.00 | 60.05  | 60.05         | 0.00    | 0.00              | 5.35         | 65.40       |
| Lakshadweep       | State            | 0.00             | 0.00 | 9.97   | 9.97          | 0.00    | 0.00              | 0.00         | 9.97        |
|                   | Private          | 0.00             | 0.00 | 0.00   | 0.00          | 0.00    | 0.00              | 0.76         | 0.76        |
|                   | Central          | 0.00             | 0.00 | 0.00   | 0.00          | 0.00    | 0.00              | 0.00         | 0.00        |
|                   | Sub-Total        | 0.00             | 0.00 | 9.97   | 9.97          | 0.00    | 0.00              | 0.76         | 10.73       |
| Total Islands     | State            | 0.00             | 0.00 | 50.02  | 50.02         | 0.00    | 0.00              | 5.25         | 55.27       |
|                   | Private          | 0.00             | 0.00 | 20.00  | 20.00         | 0.00    | 0.00              | 0.86         | 20.86       |
|                   | Central          | 0.00             | 0.00 | 0.00   | 0.00          | 0.00    | 0.00              | 0.00         | 0.00        |
|                   | Grand Total      | 0.00             | 0.00 | 70.02  | 70.02         | 0.00    | 0.00              | 6.11         | 76.13       |

**20. ALL INDIA INSTALLED CAPACITY (IN MW) OF POWER STATIONS LOCATED IN THE REGIONS OF MAIN LAND AND ISLANDS**

(As on 31-03-08 )

| Region               | Ownership Sector | Modewise breakup |          |         |               | Nuclear | Hydro (Renewable) | RES** (MNRE) | Grand Total |
|----------------------|------------------|------------------|----------|---------|---------------|---------|-------------------|--------------|-------------|
|                      |                  | Thermal          |          |         | Total Thermal |         |                   |              |             |
|                      |                  | Coal             | Gas      | Diesel  |               |         |                   |              |             |
| Northern Region      | State            | 11827.50         | 1231.20  | 14.99   | 13073.69      | 0.00    | 6691.15           | 583.02       | 20347.86    |
|                      | Private          | 0.00             | 0.00     | 0.00    | 0.00          | 0.00    | 786.00            | 705.25       | 1491.25     |
|                      | Central          | 7050.00          | 2311.99  | 0.00    | 9361.99       | 1180.00 | 5498.00           | 0.00         | 16039.99    |
|                      | Sub Total        | 18877.50         | 3543.19  | 14.99   | 22435.68      | 1180.00 | 12975.15          | 1288.27      | 37879.10    |
| Western Region       | State            | 15352.50         | 1430.72  | 17.28   | 16800.50      | 0.00    | 5234.50           | 313.89       | 22348.89    |
|                      | Private          | 3040.00          | 1658.00  | 0.20    | 4698.20       | 0.00    | 444.00            | 2817.05      | 7959.25     |
|                      | Central          | 5860.00          | 3512.00  | 0.00    | 9372.00       | 1840.00 | 1520.00           | 0.00         | 12732.00    |
|                      | Sub Total        | 24252.50         | 6600.72  | 17.48   | 30870.70      | 1840.00 | 7198.50           | 3130.94      | 43040.14    |
| Southern Region      | State            | 8282.50          | 735.80   | 362.52  | 9380.82       | 0.00    | 10685.18          | 867.77       | 20933.77    |
|                      | Private          | 510.00           | 2500.50  | 576.80  | 3587.30       | 0.00    | 0.00              | 5482.71      | 9070.01     |
|                      | Central          | 7890.00          | 350.00   | 0.00    | 8240.00       | 1100.00 | 0.00              | 0.00         | 9340.00     |
|                      | Sub Total        | 16682.50         | 3586.30  | 939.32  | 21208.12      | 1100.00 | 10685.18          | 6350.48      | 39343.78    |
| Eastern Region       | State            | 6495.00          | 100.00   | 17.06   | 6612.06       | 0.00    | 3219.93           | 200.36       | 10032.35    |
|                      | Private          | 1441.38          | 0.00     | 0.14    | 1441.52       | 0.00    | 0.00              | 3.25         | 1444.77     |
|                      | Central          | 8210.00          | 90.00    | 0.00    | 8300.00       | 0.00    | 714.00            | 0.00         | 9014.00     |
|                      | Sub Total        | 16146.38         | 190.00   | 17.20   | 16353.58      | 0.00    | 3933.93           | 203.61       | 20491.12    |
| North Eastern Region | State            | 90.00            | 336.50   | 142.74  | 569.24        | 0.00    | 256.00            | 145.98       | 971.22      |
|                      | Private          | 0.00             | 24.50    | 0.00    | 24.50         | 0.00    | 0.00              | 0.02         | 24.52       |
|                      | Central          | 0.00             | 375.00   | 0.00    | 375.00        | 0.00    | 860.00            | 0.00         | 1235.00     |
|                      | Sub Total        | 90.00            | 736.00   | 142.74  | 968.74        | 0.00    | 1116.00           | 146.00       | 2230.74     |
| Islands              | State            | 0.00             | 0.00     | 50.02   | 50.02         | 0.00    | 0.00              | 5.25         | 55.27       |
|                      | Private          | 0.00             | 0.00     | 20.00   | 20.00         | 0.00    | 0.00              | 0.86         | 20.86       |
|                      | Central          | 0.00             | 0.00     | 0.00    | 0.00          | 0.00    | 0.00              | 0.00         | 0.00        |
|                      | Sub Total        | 0.00             | 0.00     | 70.02   | 70.02         | 0.00    | 0.00              | 6.11         | 76.13       |
| ALL INDIA            | State            | 42047.50         | 3834.22  | 604.61  | 46486.33      | 0.00    | 26086.76          | 2116.27      | 74689.36    |
|                      | Private          | 4991.38          | 4183.00  | 597.14  | 9771.52       | 0.00    | 1230.00           | 9009.14      | 20010.66    |
|                      | Central          | 29010.00         | 6638.99  | 0.00    | 35648.99      | 4120.00 | 8592.00           | 0.00         | 48360.99    |
|                      | Total            | 76048.88         | 14656.21 | 1201.75 | 91906.84      | 4120.00 | 35908.76          | 11125.41     | 143061.01   |

Renewable Energy Sources (RES) includes SHP, BG, BP, U&I, and Wind Energy

Abbreviation:---- SHP=Small Hydro Project, BG=Biomass Gasifier, BP=Biomass Power,  
U&I=Urban & Industrial Waste Power, RES=Renewable Energy Sources

Note :

(i) The SHP capacity of 1168 MW which was covered under the conventional Hydro capacity has been transferred to RES. 60.51 MW of captive capacity has been deducted from total SHP capacity under RES. Similarly wind capacity of 177.677 MW covered under captive (06-07 capacity has also been deducted from wind power capacity under RES.

ii)The Shares of Sipat TPS(NTPC) are proposed shares, still to be approved.

(iii) (\*\*) Based on data as on 31.12.2007 as furnished by MNRE.

(iv) Figutres at second place of decimal may not tally due to rounding off by computer.

# Following units of Eastern / North Eastern were retired/derated w.e.f. 20.02.2008:

- Kathalguri & Galeki GT ( 21 MW ) in Assam declared retired .
- Bongaigaon TPS ( 240 MW ) in Assam declared retired.
- Karbigahiya TPS ( 13.5 MW ) in Bihar declared retired.
- Namrup TPS in Assam derated from 111.5 MW to 97 MW.

## 19. Actual Power Supply Position(Previous Month)

(Figures in net MU)

| State /<br>System /<br>Region | FEBRUARY 2008 |               |                       |              | APRIL 2007-FEBRUARY 2008 |                |                       |              |
|-------------------------------|---------------|---------------|-----------------------|--------------|--------------------------|----------------|-----------------------|--------------|
|                               | Requirement   | Availability  | Surplus / Deficit (-) |              | Requirement              | Availability   | Surplus / Deficit (-) |              |
|                               | ( MU )        | ( MU )        | ( MU )                | ( % )        | ( MU )                   | ( MU )         | ( MU )                | ( % )        |
| Chandigarh                    | 101           | 101           | 0                     | 0.0          | 1,345                    | 1,345          | 0                     | 0.0          |
| Delhi                         | 1,527         | 1,499         | -28                   | -1.8         | 20,904                   | 20,800         | -104                  | -0.5         |
| Haryana                       | 2,263         | 1,796         | -467                  | -20.6        | 26,886                   | 23,688         | -3,198                | -11.9        |
| Himachal Pradesh              | 510           | 478           | -32                   | -6.3         | 5,478                    | 5,303          | -175                  | -3.2         |
| Jammu & Kashmir               | 1,044         | 695           | -349                  | -33.4        | 10,839                   | 7,664          | -3,175                | -29.3        |
| Punjab                        | 2,952         | 2,346         | -606                  | -20.5        | 39,151                   | 36,096         | -3,055                | -7.8         |
| Rajasthan                     | 3,441         | 3,138         | -303                  | -8.8         | 33,136                   | 32,284         | -852                  | -2.6         |
| Uttar Pradesh                 | 5,112         | 3,858         | -1,254                | -24.5        | 57,164                   | 47,119         | -10,045               | -17.6        |
| Uttaranchal                   | 620           | 586           | -34                   | -5.5         | 6,434                    | 6,235          | -199                  | -3.1         |
| <b>Northern Region</b>        | <b>17,570</b> | <b>14,497</b> | <b>-3,073</b>         | <b>-17.5</b> | <b>201,337</b>           | <b>180,534</b> | <b>-20,803</b>        | <b>-10.3</b> |
| Chattisgarh                   | 1,197         | 1,150         | -47                   | -3.9         | 12,719                   | 12,099         | -620                  | -4.9         |
| Gujarat                       | 5,974         | 4,704         | -1,270                | -21.3        | 62,120                   | 52,357         | -9,763                | -15.7        |
| Madhya Pradesh                | 3,989         | 3,189         | -800                  | -20.1        | 37,567                   | 32,578         | -4,989                | -13.3        |
| Maharashtra                   | 9,924         | 7,437         | -2,487                | -25.1        | 104,284                  | 85,508         | -18,776               | -18.0        |
| Daman & Diu                   | 146           | 129           | -17                   | -11.6        | 1,620                    | 1,445          | -175                  | -10.8        |
| Dadar Nagar Haveli            | 279           | 278           | -1                    | -0.4         | 3,086                    | 3,072          | -14                   | -0.5         |
| Goa                           | 216           | 213           | -3                    | -1.4         | 2,493                    | 2,464          | -29                   | -1.2         |
| <b>Western Region</b>         | <b>21,725</b> | <b>17,100</b> | <b>-4,625</b>         | <b>-21.3</b> | <b>223,889</b>           | <b>189,523</b> | <b>-34,366</b>        | <b>-15.3</b> |
| Andhra Pradesh                | 5,422         | 5,149         | -273                  | -5.0         | 58,155                   | 55,779         | -2,376                | -4.1         |
| Karnataka                     | 3,832         | 3,621         | -211                  | -5.5         | 36,654                   | 35,705         | -949                  | -2.6         |
| Kerala                        | 1,345         | 1,286         | -59                   | -4.4         | 14,275                   | 13,939         | -336                  | -2.4         |
| Tamil Nadu                    | 5,570         | 5,302         | -268                  | -4.8         | 60,339                   | 58,657         | -1,682                | -2.8         |
| Puducherry                    | 146           | 146           | 0                     | 0.0          | 1,684                    | 1,684          | 0                     | 0.0          |
| Lakshadweep #                 | 2             | 2             | 0                     | 0            | 22                       | 22             | 0                     | 0            |
| <b>Southern Region</b>        | <b>16,315</b> | <b>15,504</b> | <b>-811</b>           | <b>-5.0</b>  | <b>171,107</b>           | <b>165,764</b> | <b>-5,343</b>         | <b>-3.1</b>  |
| Bihar                         | 707           | 566           | -141                  | -19.9        | 8,334                    | 7,265          | -1,069                | -12.8        |
| DVC                           | 1,030         | 990           | -40                   | -3.9         | 12,190                   | 11,898         | -292                  | -2.4         |
| Jharkhand                     | 437           | 340           | -97                   | -22.2        | 4,627                    | 4,046          | -581                  | -12.6        |
| Orissa                        | 1,591         | 1,552         | -39                   | -2.5         | 17,088                   | 16,789         | -299                  | -1.7         |
| West Bengal                   | 2,227         | 2,135         | -92                   | -4.1         | 26,296                   | 25,281         | -1,015                | -3.9         |
| Sikkim                        | 29            | 25            | -4                    | -13.8        | 262                      | 249            | -13                   | -5.0         |
| Andaman- Nicobar #            | 20            | 15            | -5                    | -25          | 220                      | 165            | -55                   | -25.0        |
| <b>Eastern Region</b>         | <b>6,021</b>  | <b>5,608</b>  | <b>-413</b>           | <b>-6.9</b>  | <b>68,797</b>            | <b>65,528</b>  | <b>-3,269</b>         | <b>-4.8</b>  |
| Arunachal Pradesh             | 37            | 24            | -13                   | -35.1        | 347                      | 280            | -67                   | -19.3        |
| Assam                         | 367           | 336           | -31                   | -8.4         | 4,398                    | 4,079          | -319                  | -7.3         |
| Manipur                       | 35            | 34            | -1                    | -2.9         | 495                      | 467            | -28                   | -5.7         |
| Meghalaya                     | 111           | 77            | -34                   | -30.6        | 1,497                    | 1,150          | -347                  | -23.2        |
| Mizoram                       | 24            | 23            | -1                    | -4.2         | 262                      | 224            | -38                   | -14.5        |
| Nagaland                      | 30            | 23            | -7                    | -23.3        | 343                      | 301            | -42                   | -12.2        |
| Tripura                       | 59            | 49            | -10                   | -16.9        | 713                      | 630            | -83                   | -11.6        |
| <b>N. Eastern Region</b>      | <b>663</b>    | <b>566</b>    | <b>-97</b>            | <b>-14.6</b> | <b>8,055</b>             | <b>7,131</b>   | <b>-924</b>           | <b>-11.5</b> |
| <b>All India</b>              | <b>62,294</b> | <b>53,275</b> | <b>-9,019</b>         | <b>-14.5</b> | <b>673,185</b>           | <b>608,480</b> | <b>-64,705</b>        | <b>-9.6</b>  |

# Lakshadweep and A & N Islands stand- alone systems, power supply position of these, does not form part of regional requirement and availability

Note : Both peak met and energy availability represent the net consumption ( including the transmission losses ) in the various States. Net export has been accounted for in the consumption of importing States.

## Peak Demand / Peak Met (Previous Month)

( Figures in net MW )

| State /<br>System /<br>Region | FEBRUARY 2008         |                    |                                       |              | APRIL 2007-FEBRUARY 2008 |                    |                                       |              |
|-------------------------------|-----------------------|--------------------|---------------------------------------|--------------|--------------------------|--------------------|---------------------------------------|--------------|
|                               | Peak Demand<br>( MW ) | Peak Met<br>( MW ) | Surplus / Deficit (-)<br>( MW ) ( % ) |              | Peak Demand<br>( MW )    | Peak Met<br>( MW ) | Surplus / Deficit (-)<br>( MW ) ( % ) |              |
| Chandigarh                    | 211                   | 211                | 0                                     | 0.0          | 275                      | 275                | 0                                     | 0.0          |
| Delhi                         | 3,395                 | 3,317              | -78                                   | -2.3         | 4,075                    | 4,030              | -45                                   | -1.1         |
| Haryana                       | 4,597                 | 3,752              | -845                                  | -18.4        | 4,956                    | 4,821              | -135                                  | -2.7         |
| Himachal Pradesh              | 1,036                 | 1,010              | -26                                   | -2.5         | 1,061                    | 1,010              | -51                                   | -4.8         |
| Jammu & Kashmir               | 1,800                 | 1,375              | -425                                  | -23.6        | 1,950                    | 1,439              | -511                                  | -26.2        |
| Punjab                        | 5,981                 | 4,883              | -1,098                                | -18.4        | 8,672                    | 7,340              | -1,332                                | -15.4        |
| Rajasthan                     | 6,337                 | 5,559              | -778                                  | -12.3        | 6,374                    | 5,559              | -815                                  | -12.8        |
| Uttar Pradesh                 | 8,975                 | 6,755              | -2,220                                | -24.7        | 11,104                   | 8,568              | -2,536                                | -22.8        |
| Uttaranchal                   | 1,200                 | 1,045              | -155                                  | -12.9        | 1,200                    | 1,150              | -50                                   | -4.2         |
| <b>Northern Region</b>        | <b>31,400</b>         | <b>25,442</b>      | <b>-5,958</b>                         | <b>-19.0</b> | <b>32,462</b>            | <b>29,495</b>      | <b>-2,967</b>                         | <b>-9.1</b>  |
| Chattisgarh                   | 2,164                 | 2,113              | -51                                   | -2.4         | 2,266                    | 2,113              | -153                                  | -6.8         |
| Gujarat                       | 11,724                | 8,304              | -3,420                                | -29.2        | 12,047                   | 8,885              | -3,162                                | -26.2        |
| Madhya Pradesh                | 6,627                 | 5,573              | -1,054                                | -15.9        | 7,200                    | 6,436              | -764                                  | -10.6        |
| Maharashtra                   | 17,393                | 13,532             | -3,861                                | -22.2        | 18,441                   | 13,575             | -4,866                                | -26.4        |
| Daman & Diu                   | 217                   | 192                | -25                                   | -11.5        | 240                      | 215                | -25                                   | -10.4        |
| Dadar Nagar Haveli            | 447                   | 416                | -31                                   | -6.9         | 460                      | 416                | -44                                   | -9.6         |
| Goa                           | 437                   | 396                | -41                                   | -9.4         | 457                      | 408                | -49                                   | -10.7        |
| <b>Western Region</b>         | <b>37,389</b>         | <b>28,186</b>      | <b>-9,203</b>                         | <b>-24.6</b> | <b>38,277</b>            | <b>29,385</b>      | <b>-8,892</b>                         | <b>-23.2</b> |
| Andhra Pradesh                | 9,802                 | 8,933              | -869                                  | -8.9         | 9,802                    | 8,933              | -869                                  | -8.9         |
| Karnataka                     | 6,491                 | 5,510              | -981                                  | -15.1        | 6,583                    | 5,510              | -1,073                                | -16.3        |
| Kerala                        | 2,898                 | 2,625              | -273                                  | -9.4         | 2,918                    | 2,724              | -194                                  | -6.6         |
| Tamil Nadu                    | 9,075                 | 8,690              | -385                                  | -4.2         | 10,334                   | 8,690              | -1,644                                | -15.9        |
| Puducherry                    | 259                   | 259                | 0                                     | 0.0          | 276                      | 276                | 0                                     | 0.0          |
| Lakshadweep #                 | 6                     | 6                  | 0                                     | 0            | 6                        | 6                  | 0                                     | 0            |
| <b>Southern Region</b>        | <b>26,777</b>         | <b>24,030</b>      | <b>-2,747</b>                         | <b>-10.3</b> | <b>26,777</b>            | <b>24,194</b>      | <b>-2,583</b>                         | <b>-9.6</b>  |
| Bihar                         | 1,621                 | 980                | -641                                  | -39.5        | 1,847                    | 1,243              | -604                                  | -32.7        |
| DVC                           | 1,758                 | 1,712              | -46                                   | -2.6         | 1,852                    | 1,803              | -49                                   | -2.6         |
| Jharkhand                     | 825                   | 706                | -119                                  | -14.4        | 865                      | 742                | -123                                  | -14.2        |
| Orissa                        | 2,792                 | 2,729              | -63                                   | -2.3         | 2,799                    | 2,751              | -48                                   | -1.7         |
| West Bengal                   | 4,683                 | 4,565              | -118                                  | -2.5         | 4,997                    | 4,854              | -143                                  | -2.9         |
| Sikkim                        | 68                    | 66                 | -2                                    | -2.9         | 69                       | 66                 | -3                                    | -4.3         |
| Andaman- Nicobar#             | 40                    | 32                 | -8                                    | -20          | 40                       | 32                 | -8                                    | -20          |
| <b>Eastern Region</b>         | <b>11,618</b>         | <b>10,408</b>      | <b>-1,210</b>                         | <b>-10.4</b> | <b>11,618</b>            | <b>10,699</b>      | <b>-919</b>                           | <b>-7.9</b>  |
| Arunachal Pradesh             | 92                    | 75                 | -17                                   | -18.5        | 93                       | 75                 | -18                                   | -19.4        |
| Assam                         | 825                   | 741                | -84                                   | -10.2        | 848                      | 766                | -82                                   | -9.7         |
| Manipur                       | 117                   | 86                 | -31                                   | -26.5        | 119                      | 97                 | -22                                   | -18.5        |
| Meghalaya                     | 396                   | 214                | -182                                  | -46.0        | 404                      | 279                | -125                                  | -30.9        |
| Mizoram                       | 95                    | 56                 | -39                                   | -41.1        | 95                       | 58                 | -37                                   | -38.9        |
| Nagaland                      | 88                    | 86                 | -2                                    | -2.3         | 88                       | 86                 | -2                                    | -2.3         |
| Tripura                       | 171                   | 131                | -40                                   | -23.4        | 171                      | 141                | -30                                   | -17.5        |
| <b>N -Eastern Region</b>      | <b>1,682</b>          | <b>1,301</b>       | <b>-381</b>                           | <b>-22.7</b> | <b>1,684</b>             | <b>1,347</b>       | <b>-337</b>                           | <b>-20.0</b> |
| <b>All India</b>              | <b>108,866</b>        | <b>89,367</b>      | <b>-19,499</b>                        | <b>-17.9</b> | <b>108,866</b>           | <b>90,793</b>      | <b>-18,073</b>                        | <b>-16.6</b> |

# Lakshadweep and Andaman & Nicobar Islands are stand- alone systems, power supply position of these, does not form part of regional requirement and availability

Note : Both peak met and energy availability represent the net consumption ( including the transmission losses ) in the various States. Net export has been accounted for in the consumption of importing States.

ENERGY SAVED IS ENERGY PRODUCED

## 18. Power Supply Position(Provisional)

(Figures in net MU)

| State /<br>System /<br>Region | MARCH' 08     |               |                       |              | APRIL'07-MARCH' 08 |                |                       |              |
|-------------------------------|---------------|---------------|-----------------------|--------------|--------------------|----------------|-----------------------|--------------|
|                               | Requirement   | Availability  | Surplus / Deficit (-) |              | Requirement        | Availability   | Surplus / Deficit (-) |              |
|                               | ( MU )        | ( MU )        | ( MU )                | ( % )        | ( MU )             | ( MU )         | ( MU )                | ( % )        |
| Chandigarh                    | 94            | 94            | 0                     | 0.0          | 1,439              | 1,439          | 0                     | 0.0          |
| Delhi                         | 1,470         | 1,436         | -34                   | -2.3         | 22,374             | 22,236         | -138                  | -0.6         |
| Haryana                       | 2,263         | 1,824         | -439                  | -19.4        | 29,149             | 25,512         | -3,637                | -12.5        |
| Himachal Pradesh              | 468           | 468           | 0                     | 0.0          | 5,946              | 5,771          | -175                  | -2.9         |
| Jammu & Kashmir               | 763           | 663           | -100                  | -13.1        | 11,602             | 8,327          | -3,275                | -28.2        |
| Punjab                        | 2,969         | 2,445         | -524                  | -17.6        | 42,120             | 38,541         | -3,579                | -8.5         |
| Rajasthan                     | 3,060         | 3,060         | 0                     | 0.0          | 36,196             | 35,344         | -852                  | -2.4         |
| Uttar Pradesh                 | 4,576         | 3,826         | -750                  | -16.4        | 61,740             | 50,945         | -10,795               | -17.5        |
| Uttarakhand                   | 589           | 559           | -30                   | -5.1         | 7,023              | 6,794          | -229                  | -3.3         |
| <b>Northern Region</b>        | <b>16,252</b> | <b>14,375</b> | <b>-1,877</b>         | <b>-11.5</b> | <b>217,589</b>     | <b>194,909</b> | <b>-22,680</b>        | <b>-10.4</b> |
| Chattisgarh                   | 1,364         | 1,314         | -50                   | -3.7         | 14,083             | 13,413         | -670                  | -4.8         |
| Gujarat                       | 6,595         | 5,224         | -1,371                | -20.8        | 68,715             | 57,581         | -11,134               | -16.2        |
| Madhya Pradesh                | 3,957         | 3,085         | -872                  | -22.0        | 41,524             | 35,663         | -5,861                | -14.1        |
| Maharashtra                   | 10,650        | 8,387         | -2,263                | -21.2        | 114,934            | 93,895         | -21,039               | -18.3        |
| Daman & Diu                   | 156           | 137           | -19                   | -12.2        | 1,776              | 1,582          | -194                  | -10.9        |
| Dadar Nagar Haveli            | 300           | 297           | -3                    | -1.0         | 3,386              | 3,369          | -17                   | -0.5         |
| Goa                           | 245           | 242           | -3                    | -1.2         | 2,738              | 2,706          | -32                   | -1.2         |
| <b>Western Region</b>         | <b>23,267</b> | <b>18,686</b> | <b>-4,581</b>         | <b>-19.7</b> | <b>247,156</b>     | <b>208,209</b> | <b>-38,947</b>        | <b>-15.8</b> |
| Andhra Pradesh                | 5,990         | 5,738         | -252                  | -4.2         | 64,145             | 61,517         | -2,628                | -4.1         |
| Karnataka                     | 3,717         | 3,577         | -140                  | -3.8         | 40,371             | 39,282         | -1,089                | -2.7         |
| Kerala                        | 1,381         | 1,337         | -44                   | -3.2         | 15,656             | 15,276         | -380                  | -2.4         |
| Tamil Nadu                    | 5,385         | 5,241         | -144                  | -2.7         | 65,724             | 63,898         | -1,826                | -2.8         |
| Puducherry                    | 156           | 156           | 0                     | 0.0          | 1,840              | 1,840          | 0                     | 0.0          |
| Lakshadweep #                 | 2             | 2             | 0                     | 0            | 24                 | 24             | 0                     | 0            |
| <b>Southern Region</b>        | <b>16,629</b> | <b>16,049</b> | <b>-580</b>           | <b>-3.5</b>  | <b>187,736</b>     | <b>181,813</b> | <b>-5,923</b>         | <b>-3.2</b>  |
| Bihar                         | 908           | 665           | -243                  | -26.8        | 9,242              | 7,930          | -1,312                | -14.2        |
| DVC                           | 1,183         | 1,135         | -48                   | -4.1         | 13,373             | 13,033         | -340                  | -2.5         |
| Jharkhand                     | 421           | 370           | -51                   | -12.1        | 5,048              | 4,416          | -632                  | -12.5        |
| Orissa                        | 1,745         | 1,700         | -45                   | -2.6         | 18,833             | 18,489         | -344                  | -1.8         |
| West Bengal                   | 2,683         | 2,584         | -99                   | -3.7         | 28,979             | 27,865         | -1,114                | -3.8         |
| Sikkim                        | 35            | 34            | -1                    | -2.9         | 297                | 283            | -14                   | -4.7         |
| Andaman- Nicobar#             | 20            | 15            | -5                    | -25          | 240                | 180            | -60                   | -25.0        |
| <b>Eastern Region</b>         | <b>6,975</b>  | <b>6,488</b>  | <b>-487</b>           | <b>-7.0</b>  | <b>75,772</b>      | <b>72,016</b>  | <b>-3,756</b>         | <b>-5.0</b>  |
| Arunachal Pradesh             | 44            | 22            | -22                   | -50.0        | 391                | 302            | -89                   | -22.8        |
| Assam                         | 418           | 333           | -85                   | -20.3        | 4,816              | 4,412          | -404                  | -8.4         |
| Manipur                       | 35            | 34            | -1                    | -2.9         | 530                | 501            | -29                   | -5.5         |
| Meghalaya                     | 123           | 82            | -41                   | -33.3        | 1,620              | 1,232          | -388                  | -24.0        |
| Mizoram                       | 26            | 22            | -4                    | -15.4        | 288                | 246            | -42                   | -14.6        |
| Nagaland                      | 34            | 33            | -1                    | -2.9         | 377                | 334            | -43                   | -11.4        |
| Tripura                       | 64            | 56            | -8                    | -12.5        | 777                | 686            | -91                   | -11.7        |
| <b>N. Eastern Region</b>      | <b>744</b>    | <b>582</b>    | <b>-162</b>           | <b>-21.8</b> | <b>8,799</b>       | <b>7,713</b>   | <b>-1,086</b>         | <b>-12.3</b> |
| <b>All India</b>              | <b>63,867</b> | <b>56,180</b> | <b>-7,687</b>         | <b>-12.0</b> | <b>737,052</b>     | <b>664,660</b> | <b>-72,392</b>        | <b>-9.8</b>  |

# Lakshadweep and A & N Islands stand- alone systems, power supply position of these, does not form part of regional requirement and availability

Note : Both peak met and energy availability represent the net consumption ( including the transmission losses ) in the various States. Net export has been accounted for in the consumption of importing States.

## Peak Demand / Peak Met (Provisional)

( Figures in net MW )

| State /<br>System /<br>Region | MARCH' 08      |               |                       |              | APRIL'07-MARCH' 08 |               |                       |              |
|-------------------------------|----------------|---------------|-----------------------|--------------|--------------------|---------------|-----------------------|--------------|
|                               | Peak Demand    | Peak Met      | Surplus / Deficit (-) |              | Peak Demand        | Peak Met      | Surplus / Deficit (-) |              |
|                               | ( MW )         | ( MW )        | ( MW )                | ( % )        | ( MW )             | ( MW )        | ( MW )                | ( % )        |
| Chandigarh                    | 200            | 200           | 0                     | 0.0          | 275                | 275           | 0                     | 0.0          |
| Delhi                         | 3,158          | 3,027         | -131                  | -4.1         | 4,075              | 4,030         | -45                   | -1.1         |
| Haryana                       | 4,635          | 3,917         | -718                  | -15.5        | 4,956              | 4,821         | -135                  | -2.7         |
| Himachal Pradesh              | 919            | 919           | 0                     | 0.0          | 1,061              | 1,010         | -51                   | -4.8         |
| Jammu & Kashmir               | 1,744          | 1,444         | -300                  | -17.2        | 1,950              | 1,444         | -506                  | -25.9        |
| Punjab                        | 6,016          | 4,807         | -1,209                | -20.1        | 8,672              | 7,340         | -1,332                | -15.4        |
| Rajasthan                     | 6,006          | 5,426         | -580                  | -9.7         | 6,374              | 5,559         | -815                  | -12.8        |
| Uttar Pradesh                 | 9,143          | 6,843         | -2,300                | -25.2        | 11,104             | 8,568         | -2,536                | -22.8        |
| Uttarakhand                   | 1,116          | 1,116         | 0                     | 0.0          | 1,200              | 1,150         | -50                   | -4.2         |
| <b>Northern Region</b>        | <b>29,873</b>  | <b>25,461</b> | <b>-4,412</b>         | <b>-14.8</b> | <b>32,462</b>      | <b>29,495</b> | <b>-2,967</b>         | <b>-9.1</b>  |
| Chattisgarh                   | 2,421          | 2,188         | -233                  | -9.6         | 2,421              | 2,188         | -233                  | -9.6         |
| Gujarat                       | 12,119         | 8,591         | -3,528                | -29.1        | 12,119             | 8,885         | -3,234                | -26.7        |
| Madhya Pradesh                | 6,501          | 5,502         | -999                  | -15.4        | 7,200              | 6,436         | -764                  | -10.6        |
| Maharashtra                   | 17,872         | 12,672        | -5,200                | -29.1        | 18,441             | 13,575        | -4,866                | -26.4        |
| Daman & Diu                   | 220            | 195           | -25                   | -11.4        | 240                | 215           | -25                   | -10.4        |
| Dadar Nagar Haveli            | 454            | 424           | -30                   | -6.6         | 460                | 424           | -36                   | -7.8         |
| Goa                           | 446            | 400           | -46                   | -10.3        | 457                | 408           | -49                   | -10.7        |
| <b>Western Region</b>         | <b>37,778</b>  | <b>27,900</b> | <b>-9,878</b>         | <b>-26.1</b> | <b>38,277</b>      | <b>29,385</b> | <b>-8,892</b>         | <b>-23.2</b> |
| Andhra Pradesh                | 10,091         | 9,162         | -929                  | -9.2         | 10,091             | 9,162         | -929                  | -9.2         |
| Karnataka                     | 6,366          | 5,567         | -799                  | -12.6        | 6,583              | 5,567         | -1,016                | -15.4        |
| Kerala                        | 2,908          | 2,742         | -166                  | -5.7         | 2,918              | 2,742         | -176                  | -6.0         |
| Tamil Nadu                    | 8,871          | 8,389         | -482                  | -5.4         | 10,334             | 8,690         | -1,644                | -15.9        |
| Puducherry                    | 254            | 254           | 0                     | 0.0          | 276                | 276           | 0                     | 0.0          |
| Lakshadweep #                 | 6              | 6             | 0                     | 0            | 6                  | 6             | 0                     | 0            |
| <b>Southern Region</b>        | <b>26,669</b>  | <b>24,368</b> | <b>-2,301</b>         | <b>-8.6</b>  | <b>26,777</b>      | <b>24,368</b> | <b>-2,409</b>         | <b>-9.0</b>  |
| Bihar                         | 1,534          | 1,020         | -514                  | -33.5        | 1,847              | 1,243         | -604                  | -32.7        |
| DVC                           | 1,774          | 1,732         | -42                   | -2.4         | 1,852              | 1,803         | -49                   | -2.6         |
| Jharkhand                     | 809            | 696           | -113                  | -14.0        | 865                | 742           | -123                  | -14.2        |
| Orissa                        | 2,980          | 2,939         | -41                   | -1.4         | 2,980              | 2,939         | -41                   | -1.4         |
| West Bengal                   | 5,379          | 4,754         | -625                  | -11.6        | 5,379              | 4,854         | -525                  | -9.8         |
| Sikkim                        | 60             | 60            | 0                     | 0.0          | 69                 | 66            | -3                    | -4.3         |
| Andaman- Nicobar#             | 40             | 32            | -8                    | -20          | 40                 | 32            | -8                    | -20          |
| <b>Eastern Region</b>         | <b>11,940</b>  | <b>10,668</b> | <b>-1,272</b>         | <b>-10.7</b> | <b>11,940</b>      | <b>10,699</b> | <b>-1,241</b>         | <b>-10.4</b> |
| Arunachal Pradesh             | 101            | 67            | -34                   | -33.7        | 101                | 75            | -26                   | -25.7        |
| Assam                         | 827            | 753           | -74                   | -8.9         | 848                | 766           | -82                   | -9.7         |
| Manipur                       | 112            | 84            | -28                   | -25.0        | 119                | 97            | -22                   | -18.5        |
| Meghalaya                     | 455            | 213           | -242                  | -53.2        | 455                | 279           | -176                  | -38.7        |
| Mizoram                       | 97             | 55            | -42                   | -43.3        | 97                 | 58            | -39                   | -40.2        |
| Nagaland                      | 91             | 88            | -3                    | -3.3         | 91                 | 88            | -3                    | -3.3         |
| Tripura                       | 159            | 134           | -25                   | -15.7        | 171                | 141           | -30                   | -17.5        |
| <b>N -Eastern Region</b>      | <b>1,742</b>   | <b>1,279</b>  | <b>-463</b>           | <b>-26.6</b> | <b>1,742</b>       | <b>1,347</b>  | <b>-395</b>           | <b>-22.7</b> |
| <b>All India</b>              | <b>108,002</b> | <b>89,676</b> | <b>-18,326</b>        | <b>-17.0</b> | <b>108,866</b>     | <b>90,793</b> | <b>-18,073</b>        | <b>-16.6</b> |

# Lakshadweep and Andaman & Nicobar Islands are stand- alone systems, power supply position of these,does not form part of regional requirement and availability

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ENERGY SAVED IS ENERGY PRODUCED

| 17. POWER SUPPLY TO AGRICULTURAL SECTOR DURING MARCH' 08 |                                                                                                  |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| State<br>Region                                          | Average Hours of Supply                                                                          |
| <b>Northern Region</b>                                   |                                                                                                  |
| Chandigarh                                               | 24 hrs.                                                                                          |
| Delhi                                                    | 24 hrs.                                                                                          |
| Haryana                                                  | Three Phase Supply : 6 hrs 30 mins.                                                              |
| H P                                                      | 24 hrs.                                                                                          |
| J & K                                                    | -                                                                                                |
| Punjab                                                   | Three Phase Supply : 6.71 hrs                                                                    |
| Rajasthan                                                | Three Phase Supply : 12 hrs                                                                      |
| Uttar Pradesh                                            | 8.35 hrs.                                                                                        |
| Uttarakhand                                              | 24 hrs                                                                                           |
| <b>Western Region</b>                                    |                                                                                                  |
| Chattisgarh                                              | Three Phase Supply : 18 hrs                                                                      |
| Gujarat                                                  | Only 8 hrs. power supply in staggered form in rotation of day and night is given to Agriculture. |
| Madhya Pradesh                                           | Three Phase Supply: 08:38 hrs                      Single phase Supply: 04:54 hrs                |
| Maharashtra                                              | Three Phase Supply : 12-14 hrs                      Single phase Supply : 20 hrs                 |
| Goa                                                      | No restriction                                                                                   |
| <b>Southern Region</b>                                   |                                                                                                  |
| Andhra Pradesh                                           | Three Phase Supply : 7 hrs                                                                       |
| Karnataka                                                | Three Phase/ Single Phase Supply : 8.5 hrs                                                       |
| Kerala                                                   | No Restrictions                                                                                  |
| Tamil Nadu                                               | Three Phase Supply : 14 hrs                      Single Phase Supply : 10 hrs                    |
| Puducherry                                               | No Restrictions                                                                                  |
| <b>Eastern Region</b>                                    |                                                                                                  |
| Bihar                                                    | About 18 hrs                                                                                     |
| Jharkhand                                                | About 20 hrs                                                                                     |
| Orissa                                                   | 24 hrs                                                                                           |
| West Bengal                                              | About 23 hrs                                                                                     |

| 16. POWER CUTS ON INDUSTRIES DURING MARCH' 08 |                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| State/Region                                  | Energy Cut                                                                                                                                                                                             | Demand cut                                                                                                                                                                                                                                                                                                 |
| Northern Region                               |                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                            |
| Chandigarh                                    | Nil                                                                                                                                                                                                    | Nil                                                                                                                                                                                                                                                                                                        |
| Delhi                                         | Nil                                                                                                                                                                                                    | Nil                                                                                                                                                                                                                                                                                                        |
| Haryana                                       | 2.2 MU/day on HT/LT industries                                                                                                                                                                         | 100 to 250 MW cut on HT/LT industries for different hours.                                                                                                                                                                                                                                                 |
| H P                                           | 0.255 MU / day on HT/LT industries                                                                                                                                                                     | 85 MW cut from 18:30 hrs to 21:30 hrs. (Peak hrs.) on HT / LT industries.                                                                                                                                                                                                                                  |
| J & K                                         | -                                                                                                                                                                                                      | 50% load off (non-essential) during 6 to 12 hrs, 13 to 17 hrs and 18 to 22 hrs (total cut = 9 hrs 10 mint.) in Jammu ; 3/7th load off (non-essential) during 5 to 8 hrs, 50% load off from 8 to 18 hrs an 2/7th load off from 18 to 22 hrs and 3/7 th 00 to 05 hrs (Total cut = 9 and 1/2 hrs) in Kashmir. |
| Punjab                                        | 1.8 MU to 7.85 MU /day on HT/LT industries                                                                                                                                                             | 327 to 600 MW cut from 18:30 to 21:30 hrs daily on HT/LT industries. Two days weekly off on arc/ induction furnaces and general industries w.e.f. 01.03.08 to 14.03.08 reduced to one weekly off on mixed feeders w.e.f. 15.03.08 and on balance industry w.e.f. 21.03.08 upto 31.03.08.                   |
| Rajasthan                                     | 1.2 MU/ day on HT/LT industries.                                                                                                                                                                       | 100 MW cut on HT/LT industries and from 0600 to 1800 hrs. on 3MVA and above except continous process industries                                                                                                                                                                                            |
| Uttar Pradesh                                 | Nil                                                                                                                                                                                                    | Nil                                                                                                                                                                                                                                                                                                        |
| Uttarakhand                                   | Nil                                                                                                                                                                                                    | Nil                                                                                                                                                                                                                                                                                                        |
| Western Region                                |                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                            |
| Chattisgarh                                   | Nil                                                                                                                                                                                                    | Nil                                                                                                                                                                                                                                                                                                        |
| Gujarat                                       | All industries are required to stagger their weekly off days and cannot avail as per their choice. All industries are required to keep their recess timings staggered.                                 |                                                                                                                                                                                                                                                                                                            |
| Madhya Pradesh                                | Nil                                                                                                                                                                                                    | Nil                                                                                                                                                                                                                                                                                                        |
| Maharashtra                                   | Nil                                                                                                                                                                                                    | Nil                                                                                                                                                                                                                                                                                                        |
| Goa                                           | Nil                                                                                                                                                                                                    | Nil                                                                                                                                                                                                                                                                                                        |
| Southern Region                               |                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                            |
| Andhra Pradesh                                | Nil; However, there was load shedding upto 700 MW (Total 133.7 MU for the month).                                                                                                                      |                                                                                                                                                                                                                                                                                                            |
| Karnataka                                     | Nil ; However, there was load shedding upto 1000 MW (Total 72.08 MU for the month).                                                                                                                    |                                                                                                                                                                                                                                                                                                            |
| Kerala                                        | Nil; However, there was load shedding of upto 300 MW during peak hours (Total 12 MU for the month).                                                                                                    |                                                                                                                                                                                                                                                                                                            |
| Tamil Nadu                                    | Nil. However, there was load shedding upto 832 MW (Total 41.61 MU for the month).All welding setsin L.T. services irrespective of connected load were not allowed to work between 6 p.m. and 8:30 p.m. |                                                                                                                                                                                                                                                                                                            |
| Eastern Region                                |                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                            |
| Bihar                                         | No Notified Cuts/restrictions                                                                                                                                                                          | Nil                                                                                                                                                                                                                                                                                                        |
| Jharkhand                                     | Power cut on HT industries 12.06 MU, No cut on LT industries                                                                                                                                           |                                                                                                                                                                                                                                                                                                            |
| DVC                                           | No Notified Cuts / Restrictions                                                                                                                                                                        | Nil                                                                                                                                                                                                                                                                                                        |
| Orissa                                        | No Statutory cut                                                                                                                                                                                       | Nil                                                                                                                                                                                                                                                                                                        |
| West Bengal                                   | Power cut on LT industries 0.83 MU, No cut on HT industries                                                                                                                                            |                                                                                                                                                                                                                                                                                                            |

Note:- (1) Although some states have reported "No Notified Power Cuts", load shedding/restrictions are imposed on industries on day to day basis depending upon availability of power vis-à-vis requirement.

## 15. GENERATION CAPACITY ADDITION DURING 2007-08

(PROGRAMME & ACHIEVEMENT)

| Sl. No.              | Unit name                             | Unit no. | State        | Company           | Type  | Capacity(MW) |         | Commissioning Schedule |                      |
|----------------------|---------------------------------------|----------|--------------|-------------------|-------|--------------|---------|------------------------|----------------------|
|                      |                                       |          |              |                   |       | Prog.        | Ach.    | As per Original Prog.  | Actual(A)/ Antc. Now |
| CENTRAL SECTOR       |                                       |          |              |                   |       |              |         |                        |                      |
| Northern             |                                       |          |              |                   |       |              |         |                        |                      |
| 1                    | RAPP                                  | 5        | Rajasthan    | NPC               | Nucl. | 220.00       |         | July, 07               | Apr., 08             |
|                      |                                       | 6        | Rajasthan    | NPC               | Nucl. | 220.00       |         | Feb, 08                | May., 09             |
| Western              |                                       |          |              |                   |       |              |         |                        |                      |
| 2                    | BhilaiTPP                             | 1        | Chhattisgarh | NTPC/SAIL(JV)     | TH    | 250.00       |         | Oct., 07               | April, 08            |
|                      |                                       | 2        | Chhattisgarh | NTPC/SAIL(JV)     | TH    | 250.00       |         | Jan., 08               | June, 08             |
| 3                    | Sipat- STPS-I                         | 1        | Chhattisgarh | NTPC              | TH    | 660.00       |         | Mar., 08               | Apr.,08              |
| 4                    | Sipat STPS-II                         | 4*       | Chhattisgarh | NTPC              | TH    | 500.00       | 500.00  | Apr., 07               | 27.5.07(A)           |
|                      |                                       | 5*       | Chhattisgarh | NTPC              | TH    | 500.00       |         | Sept., 07              | April.,08            |
| 5                    | RatnagiriCCPIII(GTs+STs)              | Block3*  | Maharashtra  | Ratnagiri Gas&PPL | TH    | 740.00       | 740.00  | Aug., 07               | 28.10.07(A)          |
| 6                    | Omkareshwar                           | 1        | MP           | NHDC              | HY    | 65.00        | 65.00   | May.,07                | 21.07.07(A)          |
|                      |                                       | 2        | MP           | NHDC              | HY    | 65.00        | 65.00   | May.,07                | 09.08.07(A)          |
|                      |                                       | 3        | MP           | NHDC              | HY    | 65.00        | 65.00   | July.,07               | 29.08.07(A)          |
|                      |                                       | 4        | MP           | NHDC              | HY    | 65.00        | 65.00   | July.,07               | 13.09.07(A)          |
|                      |                                       | 5        | MP           | NHDC              | HY    | 65.00        | 65.00   | Aug.,07                | 29.09.07(A)          |
|                      |                                       | 6        | MP           | NHDC              | HY    | 65.00        | 65.00   | Aug.,07                | 18.10.07(A)          |
|                      |                                       | 7        | MP           | NHDC              | HY    | 65.00        | 65.00   | Sept., 07              | 27.10.07(A)          |
|                      |                                       | 8        | MP           | NHDC              | HY    | 65.00        | 65.00   | Sept., 07              | 04.11.07(A)          |
| Southern             |                                       |          |              |                   |       |              |         |                        |                      |
| 7                    | Kaiga APP                             | 3        | Karnataka    | NPC               | Nucl. | 220.00       | 220.00  | Apr.,07                | 11.4.07(A)           |
|                      |                                       | 4        | Karnataka    | NPC               | Nucl. | 220.00       |         | Feb.,08                | June, 08             |
| Eastern              |                                       |          |              |                   |       |              |         |                        |                      |
| 8                    | Kahalgao STPS-II (Ph-I & II)          | 6*       | Bihar        | NTPC              | TH    | 500.00       | 500.00  | Aug.,07                | 16.03.08(A)          |
|                      |                                       | 7*       | Bihar        | NTPC              | TH    | 500.00       |         | Sept.,07               | May.,08              |
| 9                    | Mejia TPS                             | 6*       | WB           | DVC               | TH    | 250.00       | 250.00  | July.,07               | 01.10.07(A)          |
| 10                   | Chandrapura TPS Extn.                 | 7*       | Jharkhand    | DVC               | TH    | 250.00       |         | Oct.,07                | Apr.,08              |
|                      |                                       | 8*       | Jharkhand    | DVC               | TH    | 250.00       |         | Jan.,08                | June, 08             |
| 11                   | Teesta - V                            | 1        | Sikkim       | NHPC              | HY    | 170.00       | 170.00  | Jan.,08                | 28.03.08 (A)         |
|                      |                                       | 2        | Sikkim       | NHPC              | HY    | 170.00       | 170.00  | Feb., 08               | 06.02.08(A)          |
|                      |                                       | 3        | Sikkim       | NHPC              | HY    | 170.00       | 170.00  | Feb., 08               | 20.03.08(A)          |
| Total Central sector |                                       |          |              |                   |       | 6560.00      | 3240.00 |                        |                      |
| STATE SECTOR         |                                       |          |              |                   |       |              |         |                        |                      |
| Northern             |                                       |          |              |                   |       |              |         |                        |                      |
| 1                    | Guru Har Govind (Lehra Mohabat)TPS-II | 3*       | Punjab       | PSEB              | TH    | 250.00       | 250.00  | July.,07               | 03.01.08(A)          |
|                      |                                       | 4*       | Punjab       | PSEB              | TH    | 250.00       |         | Sept.,07               | Apr.,08              |
| 2                    | Dholpur CCPP (Ph-I)                   | GT-2*    | Rajasthan    | RRVUNL            | TH    | 110.00       | 110.00  | May.,07                | 16.06.07(A)          |
|                      |                                       | ST*      | Rajasthan    | RRVUNL            | TH    | 110.00       | 110.00  | Oct., 07               | 27.12.07(A)          |
| 3                    | Yamuna Nagar TPP                      | 1        | Haryana      | HPGCL             | TH    | 300.00       | 300.00  | Oct., 07               | 13.11.07(A)          |
|                      |                                       | 2        | Haryana      | HPGCL             | TH    | 300.00       | 300.00  | Jan.,08                | 29.03.08 (A)         |
| 4                    | Maneri Bhali-II                       | 1        | Uttarakhand  | UJVNL             | HY    | 76.00        | 76.00   | Oct.,07                | 21.01.08 (A)         |
|                      |                                       | 2        | Uttarakhand  | UJVNL             | HY    | 76.00        | 76.00   | Nov.,07                | 10.03.08(A)          |
|                      |                                       | 3        | Uttarakhand  | UJVNL             | HY    | 76.00        | 76.00   | Dec.,07                | 25.01.08(A)          |
|                      |                                       | 4        | Uttarakhand  | UJVNL             | HY    | 76.00        | 76.00   | Jan., 08               | 16.01.08(A)          |
| Western              |                                       |          |              |                   |       |              |         |                        |                      |
| 5                    | Korba East TPP St.V                   | 2*       | Chattisgarh  | CSEB              | TH    | 250.00       | 250.00  | July, 07               | 11.12.07(A)          |
| 6                    | Dhuvaran CCPP Extn.                   | ST*      | Gujarat      | GSECL             | TH    | 40.00        | 40.00   | June, 07               | 13.08.07(A)          |
| 7                    | Kutch Lignite Ext.                    | 4*       | Gujarat      | GSECL             | TH    | 75.00        |         | Sept.,07               | June,08              |

**GENERATION CAPACITY ADDITION DURING 2007-08**

(PROGRAMME &amp; ACHIEVEMENT)

| Sl. No.                                                | Unit name                                   | Unit no. | State       | Company         | Type | Capacity(MW) |         | Commissioning Schedule |                      |
|--------------------------------------------------------|---------------------------------------------|----------|-------------|-----------------|------|--------------|---------|------------------------|----------------------|
|                                                        |                                             |          |             |                 |      | Prog.        | Ach.    | As per Original Prog.  | Actual(A)/ Antc. Now |
| 8                                                      | Paras TPS Extn.                             | 1*       | Maharashtra | MSPGCL          | TH   | 250.00       | 250.00  | May'07                 | 31.5.07(A)           |
| 9                                                      | Sanjay Gandhi (Birsinghpur) TPP Extn.St.III | 5*       | MP          | MPPGCL          | TH   | 500.00       | 500.00  | May'07                 | 18.06.07(A)          |
| 10                                                     | Amarkantak TPS Extn.                        | 5*       | MP          | MPPGCL          | TH   | 210.00       |         | Sept.,07               | April,08             |
| 11                                                     | Ghatghar PSS                                | 1        | Maharashtra | WRD             | HY   | 125.00       |         | June, 07               | April,08             |
|                                                        |                                             | 2        | Maharashtra | WRD             | HY   | 125.00       |         | Aug., 07               | Jun, 08              |
| Southern                                               |                                             |          |             |                 |      |              |         |                        |                      |
| 12                                                     | Valuthur CCPP Extn.ST*                      | GT*      | T.Nadu      | TNEB            | TH   | 60.00        |         | Nov.,07                | April,08             |
|                                                        |                                             | ST*      | T.Nadu      | TNEB            | TH   | 32.20        |         | Feb.,08                | Apr. 08              |
| 13                                                     | Rayalseema TPS-II                           | 4*       | AP          | APGENCO         | TH   | 210.00       | 210.00  | July,07                | 20.11.07(A)          |
| 14                                                     | Bellary TPP                                 | 1*       | Karnataka   | KPCL            | TH   | 500.00       | 500.00  | May,07                 | 03.12.07(A)          |
| 15                                                     | Priyadarshni Jurala                         | 1        | AP          | APGENCO         | HY   | 39.00        | 39.00   | July,07                | 28.03.08 (A)         |
|                                                        |                                             | 2        | AP          | APGENCO         | HY   | 39.00        |         | Oct.,07                | Apr. 08              |
|                                                        |                                             | 3        | AP          | APGENCO         | HY   | 39.00        |         | Jan.,08                | Aug.,08              |
| Eastern                                                |                                             |          |             |                 |      |              |         |                        |                      |
| 16                                                     | Santadih                                    | 5*       | WB          | WBPDCCL         | TH   | 250.00       | 250.00  | Aug.,07                | 07.11.07(A)          |
| 17                                                     | Sagardighi TPP                              | 1*       | WB          | WBPDCCL         | TH   | 300.00       | 300.00  | June,07                | 21.12.07(A)          |
|                                                        |                                             | 2*       | WB          | WBPDCCL         | TH   | 300.00       |         | Aug.,07                | May.,08              |
| 18                                                     | Dugapur TPS Extn.                           | 7*       | WB          | WBPDCCL         | TH   | 300.00       | 300.00  | May,07                 | 24.11.07(A)          |
| 19                                                     | Bakreshwar TPS-II                           | 4*       | WB          | WBPDCCL         | TH   | 210.00       | 210.00  | Aug.,07                | 23.12.07(A)          |
|                                                        |                                             | 5*       | WB          | WBPDCCL         | TH   | 210.00       |         | Oct.,07                | May.,08              |
| 20                                                     | Purulia PSS                                 | 4        | WB          | WBSEDCL         | HY   | 225.00       | 225.00  | May,07                 | 18.07.07(A)          |
|                                                        |                                             | 3        | WB          | WBSEDCL         | HY   | 225.00       | 225.00  | July,07                | 27.08.07(A)          |
|                                                        |                                             | 2        | WB          | WBSEDCL         | HY   | 225.00       | 225.00  | Sept.,07               | 23.11.07(A)          |
|                                                        |                                             | 1        | WB          | WBSEDCL         | HY   | 225.00       | 225.00  | Nov.,07                | 20.01.08 (A)         |
| 21                                                     | Balimela-II Extn.                           | 7        | Orissa      | OHPC            | HY   | 75.00        | 75.00   | May,07                 | 05.01.08 (A)         |
|                                                        |                                             | 8        | Orissa      | OHPC            | HY   | 75.00        | 75.00   | July,07                | 27.03.08 (A)         |
| Total State Sector                                     |                                             |          |             |                 |      | 6738.20      | 5273.00 |                        |                      |
| PRIVATE SECTOR                                         |                                             |          |             |                 |      |              |         |                        |                      |
| Western                                                |                                             |          |             |                 |      |              |         |                        |                      |
| 1                                                      | OP Jindal(Raigarh)                          | 1*       | Chhatisgarh | Jindal Power    | TH   | 250.00       | 250.00  | July,07                | 02.09.07(A)          |
|                                                        | TPP Ph. I&II                                | 2        | Chhatisgarh | Jindal Power    | TH   | 250.00       | 250.00  | Oct.,07                | 06.03.08(A)          |
|                                                        |                                             | 3        | Chhatisgarh | Jindal Power    | TH   | 250.00       | 250.00  | Dec.,07                | 10.02.08(A)          |
|                                                        |                                             | 4        | Chhatisgarh | Jindal Power    | TH   | 250.00       |         | Mar.,08                | May.,08              |
| 2                                                      | Sugen CCPP                                  | Blk-1*   | Gujarat     | Torrent P.Co.   | TH   | 376.00       |         | July,07                | June.,08             |
|                                                        |                                             | Blk-2    | Gujarat     | Torrent P.Co.   | TH   | 376.00       |         | Oct.,07                | Aug.,08              |
|                                                        |                                             | Blk-3    | Gujarat     | Torrent P.Co.   | TH   | 376.00       |         | Jan.,08                | Oct.,08              |
| Southern                                               |                                             |          |             |                 |      |              |         |                        |                      |
| 3                                                      | Gautami CCPP                                | GT-1*    | AP          | Gautami P. Ltd. | TH   | 145.00       |         | Aug.,'07               | July.,08             |
|                                                        |                                             | GT-2*    | AP          | Gautami P. Ltd. | TH   | 145.00       |         | Aug.,'07               | July.,08             |
|                                                        |                                             | ST*      | AP          | Gautami P. Ltd. | TH   | 174.00       |         | Aug.,'07               | July.,08             |
| 4                                                      | Konaseema CCPP                              | GT-1*    | AP          | Gautami P. Ltd. | TH   | 140.00       |         | Dec.,07                | July.,08             |
|                                                        |                                             | GT-2*    | AP          | Gautami P. Ltd. | TH   | 140.00       |         | Dec.,07                | July.,08             |
|                                                        |                                             | ST*      | AP          | Gautami P. Ltd. | TH   | 165.00       |         | Dec.,07                | July.,08             |
| Total Private Sector                                   |                                             |          |             |                 |      | 3037.00      | 750.00  |                        |                      |
| Grand Total(Central Sector+StateSector+Private Sector) |                                             |          |             |                 |      | 16335.20     | 9263.00 |                        |                      |

\* Slipped from xth Plan

ENERGY SAVED IS ENERGY PRODUCED

# **TARGETTED GENERATION CAPACITY ADDITION DURING 2007-08**

|                                                                    |                                               |                                                            |                                                                                  |                                                                  |                                                      |                                                            |                                                                                   |                                                                                  |                                                                  |                                                           |                                                                         |  |
|--------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------|--|
|                                                                    |                                               |                                                            | RAPP Rajasthan/ NPC U-5, 220MW (CS)                                              |                                                                  |                                                      |                                                            |                                                                                   |                                                                                  |                                                                  |                                                           |                                                                         |  |
|                                                                    |                                               |                                                            | Sugen CCPP Block-1 Gujarat/TPGCL 376 MW (PS)                                     |                                                                  |                                                      |                                                            |                                                                                   |                                                                                  |                                                                  |                                                           |                                                                         |  |
|                                                                    |                                               |                                                            | OPJindal(Raigarh) TPP Ph.I&II Chattisgarh/Jindal Power U-1, 250 MW (PS) 02.09.07 |                                                                  |                                                      |                                                            |                                                                                   |                                                                                  |                                                                  |                                                           |                                                                         |  |
| Durgapur TPS Extn. WB/ Durgapur Projects U-7, 300MW (SS) 24.11.07  |                                               |                                                            | Rayalseema TPS-II AP/ APGENCO U-4, 210MW (SS) 20.11.07                           | Bakreshwar TPS-II WB/ WBPDC U-4, 210MW (SS) 23.12.07             |                                                      |                                                            | Dholpur CCPP (Ph.I) Rajasthan/RRVUNL ST-110MW (SS) 27.12.07                       |                                                                                  |                                                                  |                                                           |                                                                         |  |
| Paras TPS Extn. Maharashtra /MSPGCL U-1 250MW (SS) 31.5.2007       |                                               |                                                            | Korba (E) TPP, Stg.V Chattisgarh/ CSEB, U-2, 250MW (SS) 11.12.07                 | Sagarighi TPP WB/WBPDC U-2, 300MW (SS)                           | Amarkantak TPS Extn. MP/MPPGCL U-5, 210MW (SS)       |                                                            | Sugen CCPP Block-2 Gujarat/TPGCL 376 MW (PS)                                      |                                                                                  |                                                                  |                                                           |                                                                         |  |
| Sanjay Gandhi TPP Extn. Stg.III, MPPGCL, U-5, 500MW (SS) 18.6.2007 |                                               |                                                            | GHT (Lehr. Moh.) TPS-II Punjab/ PSEB U-3, 250MW (SS) 03.01.08                    | Ratnagiri GPP Block-3 Maharashtra/ RGP 740MW (CS) 28.10.07       | Kutch Lig. Extn. Gujarat (GSECL) U-4, 75 MW (SS)     |                                                            | OPJindal(Raigarh) TPP Ph.I&II Chattisgarh/ Jindal Power U-2, 250 MW (PS) 06.03.08 |                                                                                  |                                                                  | Sugen CCPP Block-3 Gujarat/TPGCL 376 MW (PS)              |                                                                         |  |
| Bellary TPP Karnataka / KPCL U-1, 500MW (SS) 03.12.07              |                                               |                                                            | Mejia TPS WB DVC U-6, 250MW (CS) 01.10.07                                        | Gautami CCPP GT-1, GT-2 ST AP/GPL 145,145 & 174MW (PS)           | GHT(Lehra Moh.) TPS-II Punjab/ PSEB U-4, 250MW (SS)  |                                                            | Yamuna Nagar TPP, Haryana/ HPGCL U-1, 300MW (SS) 13.11.07                         |                                                                                  |                                                                  | Yamuna Nagar TPP, Haryana/ HPGCL U-2, 300MW (SS) 29.03.08 |                                                                         |  |
| Dholpur CCPP (Ph.I) Rajasthan/ RBVUNL GT-2, 110MW (SS) 16.6.2007   |                                               |                                                            | Balimela Ext.II Orissa/ OHPC U-8, 75MW (SS) 27.03.08                             | Santalidih TPP-WB/ WBPCL U-5, 250MW (SS) 07.11.07                | Kahalgauz STPS (Ph.I&II) NTPC/ Bihar U-7, 500MW (CS) |                                                            | Bakreshwar TPS-II WB/WBPDC U-5, 210MW (SS)                                        |                                                                                  |                                                                  | Chandrapura Extn. TPS, Jharkhand/ DVC U-8, 250MW (CS)     | RAPP Rajasthan/ NPC U-6, 220MW (CS)                                     |  |
| Balimela Ext.II Orissa/ OHPC U-7, 75MW (SS) 05.01.08               |                                               |                                                            | Purulia PSS WB/ WBSEB U-3, 225MW (SS) 27.08.2007                                 | Kahalgauz STPS-II (Ph.I&II) NTPC/ Bihar U-6, 400MW (CS) 16.03.08 | Sipat STPS-II NTPC/ Chattisgarh U-5, 500MW (CS)      |                                                            | Chandrapura Extn. TPS, Jharkhand/ DVC U-7, 250MW (CS)                             |                                                                                  |                                                                  | Bhilai TPP NTPC/SAIL-JV U-2, 250MW (CS)                   | Kaiga APP Karnataka/ NPC U-4, 220MW (CS)                                |  |
| Purulia PS WB/ WBSEB U-4, 225MW (SS) 13.07.2007                    |                                               | Sagarighi TPP WB/WBPDC U-1, 300MW (SS) 21.12.07            | Priyadarshini Jurala AP/ APGENCO U-1, 39MW (SS) 28.03.08                         | Ghatghar PSS Maha/ WRD U-2, 125MW (SS)                           | Purulia PS WB/ WBSEB U-2, 225MW (SS) 23.11.07        |                                                            | Bhilai TPP NTPC/SAIL-JV U-1, 250MW (CS)                                           | Valuthur CCPP Extn. GT TNEB 60MW (SS)                                            | Konaseema CCPP AP/ KEPS GT-1(140MW), GT-2(140MW) ST (165MW) (PS) | Priyadarshini Jurala AP/ APGENCO U-3, 39MW (SS)           | Valuthur CCPP Extn. ST TNEB 32.2MW (SS)                                 |  |
| Kaiga APP Karnataka/ NTPC U-3, 220MW (CS) 11.4.2007                | Omkareshwar MP/NHDC U-2, 65MW (CS) 09.08.2007 | Dhuvran CCPP Extn. ST Gujarat / GSECL 40MW (SS) 13.08.2007 | Omkareshwar MP/NHDC U-4, 65MW (CS) 13.09.07                                      | Omkareshwar MP/NHDC U-6, 65MW (CS) 18.10.07                      | Omkareshwar MP/NHDC U-7, 65MW (CS) 27.10.07          | Priyadarshini Jurala AP/ APGENCO U-2, 39MW (SS)            | Purulia PSS WB/ WBSEB U-1, 225 MW(SS) 20.01.08                                    | OPJindal(Raigarh) TPP Ph.I&II Chattisgarh/Jindal Power U-3, 250 MW (PS) 10.02.08 | Maneri Bhali-II Uttarakhand/ UJVHL U-4, 76MW (SS) 16.01.08       | Teesta-V Sikkim/ NHPC U-3, 170MW (CS) 20.03.08            | OPJindal(Raigarh) TPP Ph.I&II Chattisgarh/Jindal Power U-4, 250 MW (PS) |  |
| Sipat STPS-II NTPC/ Chattisgarh U-4, 500MW (CS) 27.5.2007          | Omkareshwar MP/NHDC U-1, 65MW (CS) 21.07.2007 | Ghatghar PSS Maha/ WRD U-1, 125MW (SS)                     | Omkareshwar MP/NHDC U-3, 65MW (CS) 29.08.2007                                    | Omkareshwar MP/NHDC U-5, 65MW (CS) 29.09.07                      | Omkareshwar MP/NHDC U-8, 65MW (CS) 04.11.07          | Maneri Bhali-II Uttarakhand/ UJVHL U-1, 76MW (SS) 21.01.08 | Maneri Bhali-II Uttarakhand/ UJVHL U-2, 76MW (SS) 10.03.08                        | Maneri Bhali-II Uttarakhand/ UJVHL U-3, 76MW (SS) 25.01.08                       | Teesta-V Sikkim/ NHPC U-1, 170MW (CS) 28.03.08                   | Teesta-V Sikkim/ NHPC U-2, 170MW (CS) 06.02.08            | Sipat STPS-I NTPC/ Chha. Unit-1, 660 MW (CS)                            |  |
| April 2007                                                         | May 2007                                      | June 2007                                                  | July 2007                                                                        | August 2007                                                      | September 2007                                       | October 2007                                               | November 2007                                                                     | December 2007                                                                    | January 2008                                                     | February 2008                                             | March 2008                                                              |  |

| ACHIEVEM.<br>UP TO<br>Current Month | CENTRAL         |               | STATE           |               | PRIVATE         |               | TOTAL           |               |
|-------------------------------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|
|                                     | No. of<br>Units | Cap.<br>in MW | No. of<br>Units | Cap.<br>in MW | No. of<br>Units | Cap.<br>in MW | No. of<br>Units | Cap.<br>in MW |
| THERMAL                             | 4               | 1990.00       | 15              | 3880.00       | 3               | 750.0         | 22              | 6620.00       |
| RES*                                |                 |               |                 |               |                 |               |                 |               |
| HYDRO                               | 11              | 1030.00       | 11              | 1393.00       | 0               | 0.0           | 22              | 2423.00       |
| NUCLEAR                             | 1               | 220.00        | 0               | 0.00          | 0               | 0.0           | 1               | 220.00        |
| TOTAL                               | 16              | 3240.00       | 26              | 5273.00       | 3               | 750           | 45              | 9263.00       |

Thermal Units

Hydro Units

Wind Energy

Nuclear Units

Unit Commissioned

\* RES - Renewable Energy Source

**13 A. PROGRESS OF RURAL ELECTRIFICATION & PUMPSETS ENERGISATION**

| PLAN/YEAR                                   | VILLAGES ELECTRIFIED | PUMP SETS ENERGISED |
|---------------------------------------------|----------------------|---------------------|
| 1997-98                                     | 3207                 | 284064              |
| 1998-99                                     | 2780                 | 367244              |
| 1999-00                                     | 2093                 | 297594              |
| 2000-01                                     | 1218                 | 311060              |
| 2001-02                                     | 4111                 | 316074              |
| <b>9th Plan</b>                             | <b>13409</b>         | <b>1576036</b>      |
| 2002-03                                     | 2626                 | 651095              |
| 2003-04                                     | 2781                 | 322963              |
| 2004-05                                     | 3884                 | 329573              |
| 2005-06                                     | 12632                | 389636              |
| 2006-07 (Prov.)                             | 22594                | 501594              |
| <b>10th Plan (Prov.)</b>                    | <b>44517</b>         | <b>2194861</b>      |
| End of the 10th plan<br>(31-3-2007) (Prov.) | 482864               | 15350297            |
| 2007-08 (29-02-08) (Prov.)                  | 4474                 | 119710              |

**14. STATUS OF SCHEMES CLEARED****SCHEMES APPRAISED BY CENTRAL ELECTRICITY AUTHORITY FROM APRIL '07-MARCH' 08**

| Sl. No. | Name of Schemes                      | State             | Executing Agency               | Installed Capacity (MW) | Cost                                      | Date of Clearance by CEA |
|---------|--------------------------------------|-------------------|--------------------------------|-------------------------|-------------------------------------------|--------------------------|
| 1       | Rangit Stage IV Hydro Electric Power | Sikkim            | M/s Jal Power Corp. Ltd.       | 3x40=120                | Rs. 726.16 Crs. (completed cost)          | 06.07.2007               |
| 2       | Lower Jurala Hydro Electric Power    | Andhra Pradesh    | M/s A.P. Power Gen. Corp. Ltd. | 6x40=240                | Rs. 908.34 Crs. (At May 07 Price Level)   | 24.07.2007               |
| 3       | Pare Hydro Electric Power            | Arunachal Pradesh | M/s NEEPCO                     | 2x55=110                | Rs. 553.25 Crs. (At June 07 Price Level)  | 24.09.2007               |
| 4       | Dibang Multi-purpose Project         | Arunachal Pradesh | M/s NHPC                       | 12x250=3000             | Rs. 16425.65 Crs. (Nov. 2007 Price Level) | 23.01.2008               |

## 12. GROWTH OF TRANSMISSION SECTOR SINCE 6TH FIVE YEAR PLAN

### A. TRANSMISSION LINES (ckm)

| At the end of | 400 kV Transmission lines |       |       | 220 kV Transmission lines |        |        |
|---------------|---------------------------|-------|-------|---------------------------|--------|--------|
|               | Central                   | State | Total | Central                   | State  | Total  |
| 6th Plan      | 1831                      | 4198  | 6029  | 1641                      | 44364  | 46005  |
| 7th Plan      | 13068                     | 6756  | 19824 | 4560                      | 55071  | 59631  |
| 8th Plan      | 23001                     | 13141 | 36142 | 6564                      | 73036  | 79600  |
| 9th Plan      | 29345                     | 20033 | 49378 | 8687                      | 88306  | 96993  |
| 10th plan     | 50992                     | 24730 | 75722 | 9444                      | 105185 | 114629 |
| MARCH' 08     | 56680                     | 25989 | 82669 | 9825                      | 108964 | 118789 |

### B. SUB-STATIONS (MVA)

| At the end of | 400 kV Sub-Stations |       |        | 220 kV Sub-Stations |        |        |
|---------------|---------------------|-------|--------|---------------------|--------|--------|
|               | Central             | State | Total  | Central             | State  | Total  |
| 6th Plan      | 715                 | 8615  | 9330   | 500                 | 36791  | 37291  |
| 7th Plan      | 6760                | 14820 | 21580  | 1881                | 51861  | 53742  |
| 8th Plan      | 17340               | 23525 | 40865  | 2566                | 81611  | 84177  |
| 9th Plan      | 23575               | 36805 | 60380  | 2866                | 113497 | 116363 |
| 10th plan     | 40455               | 52487 | 92942  | 4276                | 152221 | 156497 |
| MARCH' 08     | 48830               | 54377 | 103207 | 4476                | 161679 | 166155 |

### GROWTH OF TRANSMISSION SECTOR (As on 31-03-08)

|                                     | Central Sector | State Sector | Total  |
|-------------------------------------|----------------|--------------|--------|
| <b>Transmission Lines (ckm.)</b>    |                |              |        |
| 765 kV                              | 2145           | 409          | 2554   |
| 400 kV                              | 56680          | 25989        | 82669  |
| 220 kV                              | 9825           | 108964       | 118789 |
| <b>+/- 500 kV HVDC /BTB Station</b> |                |              |        |
| Lines (ckm)                         | 4488           | 1504         | 5992   |
| Converter Terminal (MW)             | 11000          | 3000         | 14000  |
|                                     |                |              |        |
| <b>Sub Stations: (MVA)</b>          |                |              |        |
| 765 kV                              | 4500           | 0            | 4500   |
| 400 kV                              | 48830          | 54377        | 103207 |
| 220 kV                              | 4476           | 161679       | 166155 |

### 13. RURAL ELECTRIFICATION(as on 29.02.2008)

|                                 |          |
|---------------------------------|----------|
| 1. Total No. of Villages        | 593732   |
| 2. No. of villages Electrified  | 487338   |
| 3. % of Villages Electrified    | 82.1%    |
| 4. Potential of Energ. of Pumps | 19594000 |
| 5. No. of Pumpsets Energised    | 15470007 |
| 6. % of Pumpsets Energised      | 79.0%    |

## 11. TRANSMISSION WORKS COMMISSIONED DURING MARCH' 08

### A. TRANSMISSION LINES

| Voltage level<br>(kV) | Name of the Transmission line                    | Type          | Executive<br>Agency | length<br>(ckm) |
|-----------------------|--------------------------------------------------|---------------|---------------------|-----------------|
| <b>Central Sector</b> |                                                  |               |                     |                 |
| +/-500 kV HVDC        | Nil                                              |               |                     |                 |
| 765 kV                | Nil                                              |               |                     |                 |
| 400 kV                | Ludhiana-Jalandhar                               | S/C           | POWERGRID           | 85              |
|                       | Seoni-Khandwa ( Quad )                           | D/C           | POWERGRID           | 703             |
|                       | Khandwa-Rajgarh ckt II                           | D/C           | POWERGRID           | 440             |
|                       | LILO of both ckt of Gazuwaka-Vemagiri            | D/C           | POWERGRID           | 156             |
|                       | Malerkotla-Ludhiana                              | S/C           | POWERGRID           | 36              |
|                       | LILO of both ckt of S. Sarovar-Nagda of Rajgarh  | D/C           | POWERGRID           | 16              |
| 220 kV                | Nil                                              |               |                     |                 |
| <b>State Sector</b>   |                                                  |               |                     |                 |
| +/- 500 kV HVDC       | Nil                                              |               |                     |                 |
| 765 kV                | Nil                                              |               |                     |                 |
| 400 kV                | Nil                                              |               |                     |                 |
| 220kV                 | Vetloor 400kV S/S - Jurala                       | D/C           | Andhra Pradesh      | 66              |
|                       | LILO from Mamidipally-Yeddumallaram at Shadnagar | D/C           | Andhra Pradesh      | 36              |
|                       | Dichpally 400 kV S/S - Dichpally                 | D/C           | Andhra Pradesh      | 8               |
|                       | Sharavati Gen. Station- Dugadimane               | M/C           | Karnataka           | 28              |
|                       | Tirunelveli( 400kV) - Veeranam                   | S/C on<br>D/C | Tamil Nadu          | 31              |
|                       | Kodikurichi-Chekkanoorani                        | S/C           | Tamil Nadu          | 31              |
|                       | Theruvai-Narendrapur-Chandaka                    | D/C           | Orissa              | 750             |
|                       | IB Thermal-Budhipadar ( 2nd D/C )                | D/C           | Orissa              | 52              |
|                       | LILO of STPS-Arambagh at Bishnupur               | 2xD/C         | West Bengal         | 4               |
|                       | LILO of Bhanjnarag-Chandaka                      | D/C           | Orissa              | 12              |
|                       | LILO of Bhilai-Bansoor ( 2nd Ckt ) at Gurur      | D/C           | Chhattisgarh        | 14              |
|                       | Bhauti ( PG ) - Orai                             | S/C           | Uttar Pradesh       | 90              |
|                       | LILO of Fatuha - Khagaul at Patna PG             | D/C           | Bihar               | 20              |

## B. SUB-STATION

| Voltage level<br>(kV) | Name of the Substation          | Type    | Executive<br>Agency | Capacity<br>(MVA) |
|-----------------------|---------------------------------|---------|---------------------|-------------------|
| Central Sector        |                                 |         |                     |                   |
| +/-500 kV HVDC        | Nil                             |         |                     |                   |
| 765 kV                | Seoni New ( 3x500 )             | 765/400 | POWERGRID           | 1500              |
|                       | Seoni Extn ( 3x 500 )           | 765/400 | POWERGRID           | 1500              |
| 400 kV                | Seoni II ICT                    | 400/220 | POWERGRID           | 315               |
|                       | Gwalior ( New ) II ICT          | 400/220 | POWERGRID           | 315               |
|                       | Amritsar ( Aug )                | 400/220 | POWERGRID           | 315               |
|                       | Rajgarh ( New )                 | 400/220 | POWERGRID           | 315               |
|                       | Hiriyur Extn.                   | 400/220 | POWERGRID           | 315               |
|                       | Vijayawada Extn.                | 400/220 | POWERGRID           | 315               |
| 220 kV                | Nil                             |         |                     |                   |
| State Sector          |                                 |         |                     |                   |
| +/- 500 kV HVDC Term  | Nil                             |         |                     |                   |
| +/- 500 kV HVDC B/B   | Nil                             |         |                     |                   |
| 765 kV                | Nil                             |         |                     |                   |
| 400kV                 | Nil                             |         |                     |                   |
| 220kV                 | Tekkali                         | 220/132 | Andhra Pradesh      | 100               |
|                       | Shadnagar                       | 220/132 | Andhra Pradesh      | 100               |
|                       | Shahapur                        | 220/110 | Karnataka           | 100               |
|                       | Kilpauk( Aug ) 50 to 100        | 230/110 | Tamil Nadu          | 50                |
|                       | Karimangalam ( Addl. )          | 230/110 | Tamil Nadu          | 100               |
|                       | Parvati ( 1x200 + 1x50 )        | 220/22  | Maharashtra         | 250               |
|                       | Warora                          | 220/33  | Maharashtra         | 25                |
|                       | Umred                           | 220/33  | Maharashtra         | 25                |
|                       | Colourchem ( Thane )            | 220/22  | Maharashtra         | 50                |
|                       | Ranjangaon Aug.( 1x50 + 1x100 ) | 220/22  | Maharashtra         | 150               |
|                       | Sarnath Aug. ( 160-100 )        | 220/132 | Uttar Pradesh       | 60                |
|                       | Salempur                        | 220/66  | Haryana             | 100               |
|                       | Alephata                        | 220/132 | Maharashtra         | 100               |
|                       | Sridungargarh                   | 220/132 | Rajasthan           | 100               |
|                       | Siwan ( new ) Gopalganj         | 220/132 | Bihar               | 200               |

## 10. TRANSMISSION LINES (PROGRAMME & ACHIEVEMENT)

(Fig.in ckt Kms)

| VOLTAGE<br>LEVEL/SECTOR | PROGRAMME<br>2007-08 | MARCH' 08 |             | APRIL'07- | MARCH' 08   |
|-------------------------|----------------------|-----------|-------------|-----------|-------------|
|                         |                      | PROGRAMME | ACHIEVEMENT | PROGRAMME | ACHIEVEMENT |
| +/- 500 kV HVDC         |                      |           |             |           |             |
| Central Sector          | 0                    | 0         | 60          | 0         | 120         |
| State Sector            | 0                    | 0         | 0           | 0         | 0           |
| Total                   | 0                    | 0         | 60          | 0         | 120         |
| 765 kV                  |                      |           |             |           |             |
| Central Sector          | 160                  | 59        | 63          | 160       | 370         |
| State Sector            | 0                    | 0         | 0           | 0         | 0           |
| Total                   | 160                  | 59        | 63          | 160       | 370         |
| 400 Kv                  |                      |           |             |           |             |
| Central Sector          | 4894                 | 337       | 451         | 4894      | 5688        |
| State Sector            | 2013                 | 218       | 99          | 2013      | 1259        |
| Total                   | 6907                 | 555       | 550         | 6907      | 6947        |
| 220kV                   |                      |           |             |           |             |
| Central Sector          | 224                  | 20        | 10          | 224       | 381         |
| State Sector            | 5224                 | 840       | 249         | 5224      | 3779        |
| Total                   | 5448                 | 860       | 259         | 5448      | 4160        |

## SUB-STATIONS (PROGRAMME & ACHIEVEMENT)

(Fig. in MVA)

Fig. 11.11 (V)

| VOLTAGE<br>LEVEL/SECTOR | PROGRAMME<br>2007-08 | MARCH' 08 |             | APRIL'07- | MARCH' 08   |
|-------------------------|----------------------|-----------|-------------|-----------|-------------|
|                         |                      | PROGRAMME | ACHIEVEMENT | PROGRAMME | ACHIEVEMENT |
| +/- 500 kV HVDC         |                      |           |             |           |             |
| Central Sector          | 0                    | 0         | 0           | 0         | 1000        |
| State Sector            | 0                    | 0         | 0           | 0         | 0           |
| Total                   | 0                    | 0         | 0           | 0         | 1000        |
| 765 kV                  |                      |           |             |           |             |
| Central Sector          | 2169                 | 0         | 3000        | 2169      | 4500        |
| State Sector            | 0                    | 0         | 0           | 0         | 0           |
| Total                   | 2169                 | 0         | 3000        | 2169      | 4500        |
| 400 kV                  |                      |           |             |           |             |
| Central Sector          | 8940                 | 880       | 1890        | 8940      | 8375        |
| State Sector            | 3695                 | 2120      | 0           | 3695      | 1890        |
| Total                   | 12635                | 3000      | 1890        | 12635     | 10265       |
| 220 kV                  |                      |           |             |           |             |
| Central Sector          | 400                  | 400       | 0           | 400       | 200         |
| State Sector            | 10620                | 4990      | 1855        | 10620     | 9458        |
| Total                   | 11020                | 5390      | 1855        | 11020     | 9658        |

## 9. COAL SUPPLY

List of critical Thermal Power Stations having critical coal stock of less than 7 days

(As on 31-03-08 )

| <b>NORTHERN</b> |                 |                                                                                                                                                                                                      |
|-----------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1               | Lehra Mohabbat  | Due to less receipt of coal during the month of March 2008 i.e. 75 % of the linkage.                                                                                                                 |
| 2               | Kota            | Stock has depleted due to less receipt of coal during the month of March 2008 i.e. 78% of the linkage.No import was done by RRVUNL.                                                                  |
| 3               | Suratgarh       | Stock has depleted due to less receipt of coal during the month of March 2008 i.e. 90% of the linkage.No import was done by RRVUNL.                                                                  |
| 4               | Harduaganj      | Due to less receipt of coal during the month of March 2008 i.e. 79 % of the linkage.                                                                                                                 |
| 5               | Panki           | Low linkage & higher generation results in higher consumption of coal during the month of March 2008.                                                                                                |
| 6               | Parichha        | Stock has depleted due to less receipt of coal during the month of March 2008 i.e. 87% of the linkage.                                                                                               |
| <b>WESTERN</b>  |                 |                                                                                                                                                                                                      |
| 7               | Korba East V    | New unit. Stock could not be build up due to unloading constraint.                                                                                                                                   |
| 8               | Wanakbori       | Due to less receipt of coal during the month of March 2008 i.e. 92 % of the linkage.                                                                                                                 |
| 9               | Satpura         | Stock has depleted due to less receipt of coal during the month of March 2008 i.e. 91% of the linkage.                                                                                               |
| 10              | Chandrapur      | Stock could not build up due to unloading constraint.                                                                                                                                                |
| 11              | Nasik           | Linkage accorded is less than the demand for generation.                                                                                                                                             |
| 12              | Parli           | Linkage accorded is less than the demand for generation.                                                                                                                                             |
| 13              | Paras           | Low linkage & higher generation results in higher consumption of coal during the month of March 2008.                                                                                                |
| <b>SOUTHERN</b> |                 |                                                                                                                                                                                                      |
| 14              | Rayalseema      | Due to less receipt of coal during the month of March 2008 i.e. 68 % of the linkage.                                                                                                                 |
| 15              | Ramagundam STPs | Low linkage & higher generation results in higher consumption of coal during the month of March 2008.                                                                                                |
| 16              | Ennore          | Due to non availability of adequate vessels resulting in evacuation constraint from ports.                                                                                                           |
| 17              | North-Chennai   | Due to non availability of adequate vessels resulting in evacuation constraint from ports.                                                                                                           |
| <b>EASTERN</b>  |                 |                                                                                                                                                                                                      |
| 18              | Kahalgaon       | Due to less production from ECL/Rajmahal mine (linked mine). Materialization is 66% in March 2008.                                                                                                   |
| 19              | Durgapur        | Due to less receipt of coal during the month of March 2008 i.e. 73 % of the linkage and not lifting of coal by road.                                                                                 |
| 20              | Mejia           | Stock has depleted due to unloading constraint. New coal handling plant is expected to be commissioned by 15th of April 2008. Receipt of coal during the month of March 2008 was 84% of the linkage. |
| 21              | Patratu         | Due to less receipt of coal during the month of March 2008 i.e. 57 % of the linkage .                                                                                                                |
| 22              | DPL             | Due to less receipt of coal during the month of March 2008 i.e.64 % of the linkage .                                                                                                                 |
| 23              | Farakka         | Due to less production in Rajmahal mine (linked mine). Materialization is 74% in February 2008.                                                                                                      |

Note: Number of Power Stations having critical coal stock at the end of previous month =23

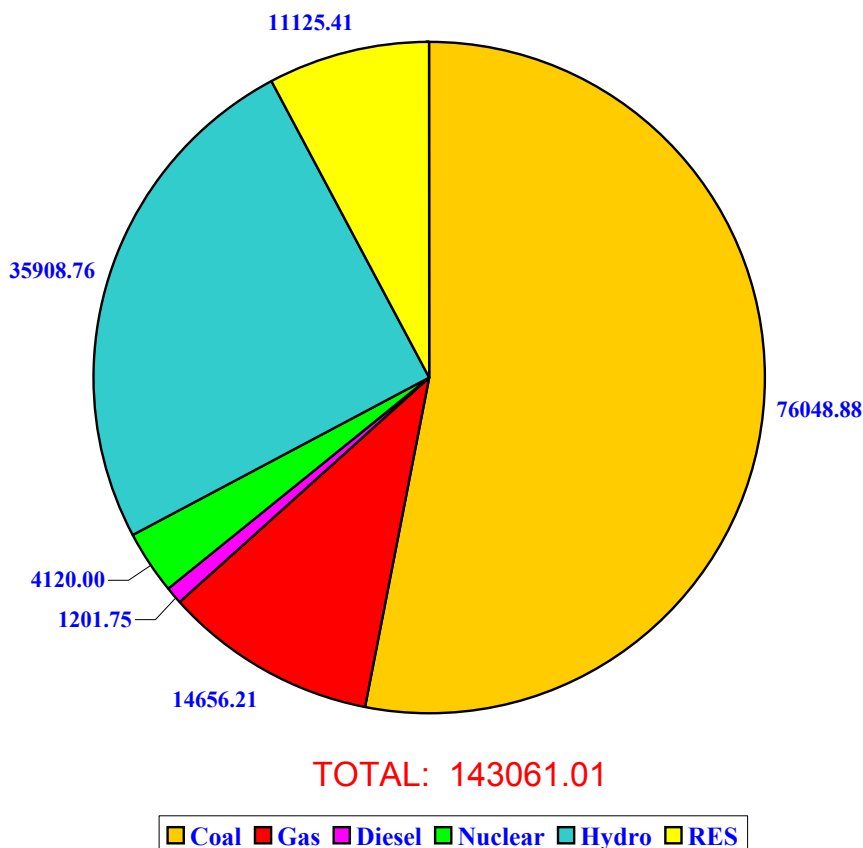
## 8. GROWTH OF INSTALLED CAPACITY SINCE 6<sup>TH</sup> PLAN

(in MW)

| Plan / Year                               | Thermal  |          |         |          | Nuclear | Hydro<br>(Renewable) | RES<br>(MNRE) | Total     |
|-------------------------------------------|----------|----------|---------|----------|---------|----------------------|---------------|-----------|
|                                           | Coal     | Gas      | Diesel  | Total    |         |                      |               |           |
| End of 6th Plans(31.03.1985)              | 26310.83 | 541.50   | 177.37  | 27029.70 | 1095.00 | 14460.02             | 0.00          | 42584.72  |
| End of 7th Plan (31.03.1990)              | 41237.48 | 2343.00  | 165.09  | 43745.57 | 1565.00 | 18307.63             | 18.14         | 63636.34  |
| End of 2 Annual Plans(31.03.92)           | 44791.48 | 3095.00  | 167.52  | 48054.00 | 1785.00 | 19194.31             | 31.88         | 69065.19  |
| End of 8th Plan (31.03.97)                | 54154.48 | 6561.90  | 293.90  | 61010.28 | 2225.00 | 21658.08             | 902.01        | 85795.37  |
| End of 9th Plan (31.03.2002)              | 62130.88 | 11163.10 | 1134.83 | 74428.81 | 2720.00 | 26268.76             | 1628.39       | 105045.96 |
| March, 2003                               | 63950.88 | 11633.20 | 1178.07 | 76762.15 | 2720.00 | 26766.83             | 1628.39       | 107877.37 |
| March, 2004                               | 64955.88 | 11839.82 | 1172.83 | 77968.53 | 2720.00 | 29506.84             | 2488.13       | 112683.50 |
| March, 2005                               | 67790.88 | 11909.82 | 1201.75 | 80902.45 | 2770.00 | 30942.24             | 3811.01       | 118425.70 |
| March, 2006                               | 68518.88 | 12689.91 | 1201.75 | 82410.54 | 3360.00 | 32325.77             | 6190.86       | 124287.17 |
| End of 10 <sup>th</sup> Plan (31.03.2007) | 71121.38 | 13691.71 | 1201.75 | 86014.84 | 3900.00 | 34653.77             | 7760.60       | 132329.21 |
| MARCH' 08                                 | 76048.88 | 14656.21 | 1201.75 | 91906.84 | 4120.00 | 35908.76             | 11125.41      | 143061.01 |

Capative Genrating capacity connected to the Grid (MW) = 14636

### ALL INDIA GENERATING INSTALLED CAPACITY ( MW ) (As on 31-03-08 )



## 7. GENERATION INSTALLED CAPACITY(MW) OF POWER UTILITIES IN STATES/UTS

(As on 31-03-08 )

| State/UT(Utilities) | MODE WISE BREAKUP |         |        |          |         |                      |               | TOTAL    |
|---------------------|-------------------|---------|--------|----------|---------|----------------------|---------------|----------|
|                     | THERMAL           |         |        |          | NUCLEAR | HYDRO<br>(Renewable) | RES<br>(MNRE) |          |
|                     | COAL              | GAS     | DIESEL | TOTAL    |         |                      |               |          |
| STATE SECTOR        |                   |         |        |          |         |                      |               |          |
| A & N ISLAND        | 0.00              | 0.00    | 40.05  | 40.05    | 0.00    | 0.00                 | 5.25          | 45.30    |
| ANDHRA PRADESH      | 3342.50           | 272.30  | 0.00   | 3614.80  | 0.00    | 3533.93              | 185.96        | 7334.69  |
| ARUNACHAL PRD.      | 0.00              | 0.00    | 15.88  | 15.88    | 0.00    | 0.00                 | 45.24         | 61.12    |
| ASSAM               | 90.00             | 209.00  | 20.69  | 319.69   | 0.00    | 100.00               | 2.11          | 421.80   |
| BIHAR               | 540.00            | 0.00    | 0.00   | 540.00   | 0.00    | 0.00                 | 50.40         | 590.40   |
| CHANDIGARH          | 0.00              | 0.00    | 2.00   | 2.00     | 0.00    | 0.00                 | 0.00          | 2.00     |
| CHHATISGARH         | 1780.00           | 0.00    | 0.00   | 1780.00  | 0.00    | 120.00               | 18.05         | 1918.05  |
| D & N HAVELI        | 0.00              | 0.00    | 0.00   | 0.00     | 0.00    | 0.00                 | 0.00          | 0.00     |
| DAMAN & DIU         | 0.00              | 0.00    | 0.00   | 0.00     | 0.00    | 0.00                 | 0.00          | 0.00     |
| DELHI               | 320.00            | 612.40  | 0.00   | 932.40   | 0.00    | 0.00                 | 0.00          | 932.40   |
| GOA                 | 0.00              | 0.00    | 0.00   | 0.00     | 0.00    | 0.00                 | 0.05          | 0.05     |
| GUJARAT             | 4369.00           | 518.72  | 17.28  | 4905.00  | 0.00    | 772.00               | 24.30         | 5701.30  |
| HARYANA             | 2202.50           | 0.00    | 3.92   | 2206.42  | 0.00    | 884.24               | 62.70         | 3153.36  |
| HIMACHAL PRD.       | 0.00              | 0.00    | 0.13   | 0.13     | 0.00    | 393.60               | 146.62        | 540.35   |
| JAMMU & KASHMIR     | 0.00              | 175.00  | 8.94   | 183.94   | 0.00    | 330.00               | 111.83        | 625.77   |
| JHARKHAND           | 1260.00           | 0.00    | 0.00   | 1260.00  | 0.00    | 130.00               | 4.05          | 1394.05  |
| KARNATAKA           | 1970.00           | 0.00    | 127.92 | 2097.92  | 0.00    | 3288.20              | 471.49        | 5857.61  |
| KERALA              | 0.00              | 0.00    | 234.60 | 234.60   | 0.00    | 1769.10              | 100.12        | 2103.82  |
| LAKSHADWEEP         | 0.00              | 0.00    | 9.97   | 9.97     | 0.00    | 0.00                 | 0.00          | 9.97     |
| MADHYA PRADESH      | 2657.50           | 0.00    | 0.00   | 2657.50  | 0.00    | 1703.67              | 51.76         | 4412.93  |
| MAHARASHTRA         | 6546.00           | 912.00  | 0.00   | 7458.00  | 0.00    | 2638.83              | 219.73        | 10316.56 |
| MANIPUR             | 0.00              | 0.00    | 45.41  | 45.41    | 0.00    | 0.00                 | 5.45          | 50.86    |
| MEGHALAYA           | 0.00              | 0.00    | 2.05   | 2.05     | 0.00    | 156.00               | 31.03         | 189.08   |
| MIZORAM             | 0.00              | 0.00    | 51.86  | 51.86    | 0.00    | 0.00                 | 17.47         | 69.33    |
| NAGALAND            | 0.00              | 0.00    | 2.00   | 2.00     | 0.00    | 0.00                 | 28.67         | 30.67    |
| ORISSA              | 420.00            | 0.00    | 0.00   | 420.00   | 0.00    | 2067.93              | 7.30          | 2495.23  |
| PONDICHERRY         | 0.00              | 32.50   | 0.00   | 32.50    | 0.00    | 0.00                 | 0.00          | 32.50    |
| PUNJAB              | 2380.00           | 0.00    | 0.00   | 2380.00  | 0.00    | 2319.82              | 123.90        | 4823.72  |
| RAJASTHAN           | 2545.00           | 443.80  | 0.00   | 2988.80  | 0.00    | 987.84               | 30.25         | 4006.89  |
| SIKKIM              | 0.00              | 0.00    | 5.00   | 5.00     | 0.00    | 0.00                 | 39.11         | 44.11    |
| TAMIL NADU          | 2970.00           | 431.00  | 0.00   | 3401.00  | 0.00    | 2093.95              | 110.20        | 5605.15  |
| TRIPURA             | 0.00              | 127.50  | 4.85   | 132.35   | 0.00    | 0.00                 | 16.01         | 148.36   |
| UTTAR PRADESH       | 4380.00           | 0.00    | 0.00   | 4380.00  | 0.00    | 527.40               | 25.10         | 4932.50  |
| UTTRAKHAND          | 0.00              | 0.00    | 0.00   | 0.00     | 0.00    | 1248.25              | 82.62         | 1330.87  |
| WEST BENGAL         | 4275.00           | 100.00  | 12.06  | 4387.06  | 0.00    | 1022.00              | 99.50         | 5508.56  |
| Total State         | 42047.50          | 3834.22 | 604.61 | 46486.33 | 0.00    | 26086.76             | 2116.27       | 74689.36 |

Contd...

(As on 31-03-08 )

| State/UT(Utilities) | MODE WISE BREAKUP |          |         |          |             |                      |               | TOTAL     |
|---------------------|-------------------|----------|---------|----------|-------------|----------------------|---------------|-----------|
|                     | THERMAL           |          |         |          | NUCLEA<br>R | HYDRO<br>(Renewable) | RES<br>(MNRE) |           |
|                     | COAL              | GAS      | DIESEL  | TOTAL    |             |                      |               |           |
| CENTRAL SECTOR      |                   |          |         |          |             |                      |               |           |
| BTPS                | 720.00            | 0.00     | 0.00    | 720.00   | 0.00        | 0.00                 | 0.00          | 720.00    |
| DVC                 | 3100.00           | 0.00     | 0.00    | 3100.00  | 0.00        | 144.00               | 0.00          | 3244.00   |
| HP / NJPC JV        | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 1500.00              | 0.00          | 1500.00   |
| NEEPCO              | 0.00              | 375.00   | 0.00    | 375.00   | 0.00        | 755.00               | 0.00          | 1130.00   |
| NEVEYLY LIG. CORP.  | 2490.00           | 0.00     | 0.00    | 2490.00  | 0.00        | 0.00                 | 0.00          | 2490.00   |
| NHDC                | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 1520.00              | 0.00          | 1520.00   |
| NHPC                | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 3673.00              | 0.00          | 3673.00   |
| NTPC                | 22700.00          | 5523.99  | 0.00    | 28223.99 | 0.00        | 0.00                 | 0.00          | 28223.99  |
| NUCLEAR P CORP      | 0.00              | 0.00     | 0.00    | 0.00     | 4120.00     | 0.00                 | 0.00          | 4120.00   |
| RATNAGIRI GAS & PPL | 0.00              | 740.00   | 0.00    | 740.00   | 0.00        | 0.00                 | 0.00          | 740.00    |
| TEHRI HYD CORP.     | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 1000.00              | 0.00          | 1000.00   |
| Total Central       | 29010.00          | 6638.99  | 0.00    | 35648.99 | 4120.00     | 8592.00              | 0.00          | 48360.99  |
| PRIVATE SECTOR      |                   |          |         |          |             |                      |               |           |
| A & N ISLAND        | 0.00              | 0.00     | 20.00   | 20.00    | 0.00        | 0.00                 | 0.10          | 20.10     |
| ANDHRA PRADESH      | 0.00              | 1603.40  | 36.80   | 1640.20  | 0.00        | 0.00                 | 477.13        | 2117.33   |
| ARUNACHAL PRD.      | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 0.00                 | 0.02          | 0.02      |
| ASSAM               | 0.00              | 24.50    | 0.00    | 24.50    | 0.00        | 0.00                 | 0.00          | 24.50     |
| BIHAR               | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 0.00                 | 0.00          | 0.00      |
| CHHATISGARH         | 750.00            | 0.00     | 0.00    | 750.00   | 0.00        | 0.00                 | 146.30        | 896.30    |
| DELHI               | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 0.00                 | 0.00          | 0.00      |
| GOA                 | 0.00              | 48.00    | 0.00    | 48.00    | 0.00        | 0.00                 | 30.00         | 78.00     |
| GUJARAT             | 640.00            | 1430.00  | 0.20    | 2070.20  | 0.00        | 0.00                 | 833.80        | 2904.00   |
| HARYANA             | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 0.00                 | 6.00          | 6.00      |
| HIMACHAL PRD.       | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 386.00               | 0.00          | 386.00    |
| JAMMU & KASHMIR     | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 0.00                 | 0.00          | 0.00      |
| JHARKHAND           | 360.00            | 0.00     | 0.00    | 360.00   | 0.00        | 0.00                 | 0.00          | 360.00    |
| KARNATAKA           | 260.00            | 220.00   | 106.50  | 586.50   | 0.00        | 0.00                 | 1169.24       | 1755.74   |
| KERALA              | 0.00              | 174.00   | 21.84   | 195.84   | 0.00        | 0.00                 | 0.02          | 195.86    |
| LAKSHADWEEP         | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 0.00                 | 0.76          | 0.76      |
| MADHYA PRADESH      | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 0.00                 | 71.05         | 71.05     |
| MAHARASHTRA         | 1650.00           | 180.00   | 0.00    | 1830.00  | 0.00        | 444.00               | 1735.90       | 4009.90   |
| MIZORAM             | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 0.00                 | 0.00          | 0.00      |
| ORISSA              | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 0.00                 | 3.20          | 3.20      |
| PONDICHERRY         | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 0.00                 | 0.02          | 0.02      |
| PUNJAB              | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 0.00                 | 37.57         | 37.57     |
| RAJASTHAN           | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 0.00                 | 512.75        | 512.75    |
| TAMIL NADU          | 250.00            | 503.10   | 411.66  | 1164.76  | 0.00        | 0.00                 | 3836.30       | 5001.06   |
| TRIPURA             | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 0.00                 | 0.00          | 0.00      |
| UTTAR PRADESH       | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 0.00                 | 148.88        | 148.88    |
| UTTRAKHAND          | 0.00              | 0.00     | 0.00    | 0.00     | 0.00        | 400.00               | 0.05          | 400.05    |
| WEST BENGAL         | 1081.38           | 0.00     | 0.14    | 1081.52  | 0.00        | 0.00                 | 0.05          | 1081.57   |
| Total Pvt. Sector   | 4991.38           | 4183.00  | 597.14  | 9771.52  | 0.00        | 1230.00              | 9009.14       | 20010.66  |
| TOTAL               | 76048.88          | 14656.21 | 1201.75 | 91906.84 | 4120.00     | 35908.76             | 11125.41      | 143061.01 |

Captive Generating Capacity (MW) connected to the Grid = 14636.00

## 6. ALL INDIA REGIONWISE GENERATING INSTALLED CAPACITY (MW) OF POWER UTILITIES INCLUDING ALLOCATED SHARES IN JOINT CENTRAL SECTOR UTILITIES

(As on 31-03-08)

| SL. NO. | REGION     | THERMAL  |          |         |          | Nuclear | HYDRO       | R.E.S.** | TOTAL     |
|---------|------------|----------|----------|---------|----------|---------|-------------|----------|-----------|
|         |            | COAL     | GAS      | DSL     | TOTAL    |         | (Renewable) | (MNRE)   |           |
| 1       | Northern   | 18877.50 | 3543.19  | 14.99   | 22435.68 | 1180.00 | 12975.15    | 1288.27  | 37879.10  |
| 2       | Western    | 24252.50 | 6600.72  | 17.48   | 30870.70 | 1840.00 | 7198.50     | 3130.94  | 43040.14  |
| 3       | Southern   | 16682.50 | 3586.30  | 939.32  | 21208.12 | 1100.00 | 10685.18    | 6350.48  | 39343.78  |
| 4       | Eastern    | 16146.38 | 190.00   | 17.20   | 16353.58 | 0.00    | 3933.93     | 203.61   | 20491.12  |
| 5       | N. Eastern | 90.00    | 736.00   | 142.74  | 968.74   | 0.00    | 1116.00     | 146.00   | 2230.74   |
| 6       | Island     | 0.00     | 0.00     | 70.02   | 70.02    | 0.00    | 0.00        | 6.11     | 76.13     |
| 7       | All India  | 76048.88 | 14656.21 | 1201.75 | 91906.84 | 4120.00 | 35908.76    | 11125.41 | 143061.01 |

Captive Genrating capacity connected to the Grid (MW) = 14636

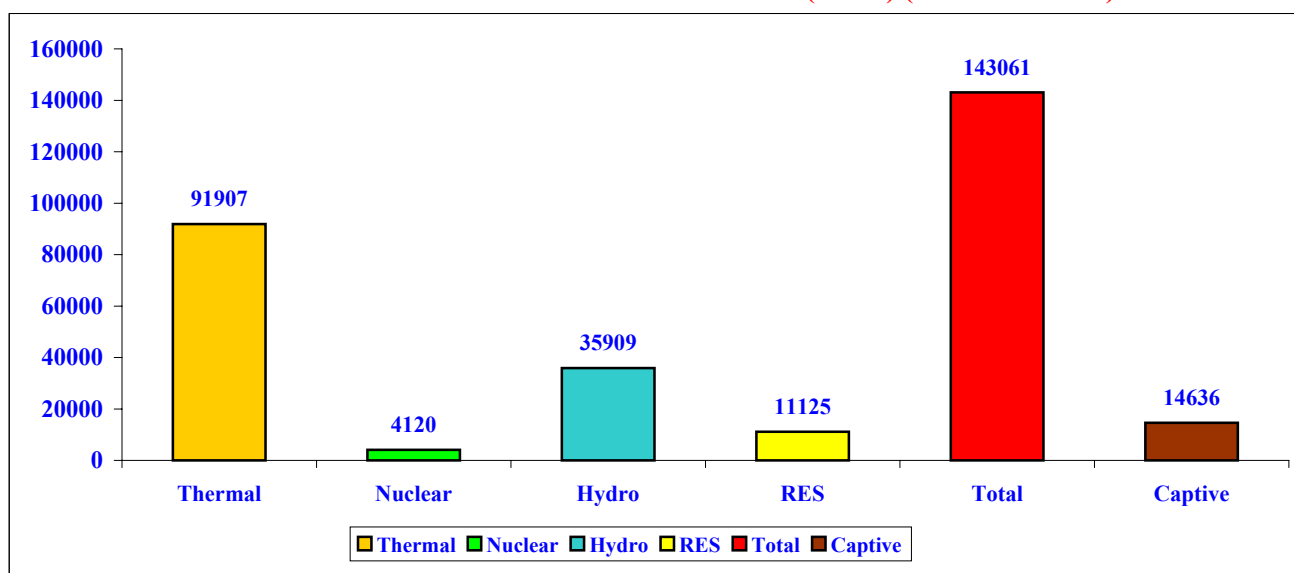
RES -Renewable Energy Sources includes Small Hydro Project(SHP), Biomass Gas(BG), Biomass Power(BP), Urban & Industrial waste Power(U&I), and Wind Energy.

\*\* Based on data as on 31.12.2007 as furnished by MNRE.

### Note:- UNITS COMMISSIONED, DERATED & DECOMMISSIONED DURING MARCH' 08

- O. P. Jindal(Raigarh)TPP.Ph.I & II Unit -2,(250 MW) of Jindal Power in Chhattisgarh synchronized on 06.03.2008.
- Maneri Bhali -II, Unit -2, HEP (76 MW) of UJVNL in Uttrakhand synchronized on 10.03.2008.
- Kahalgaon STPP,Unit - 6 ( 500 MW ) of NTPC in Bihar synchronized on 16.03.2008.
- Teesta - V, Unit -3 HEP (170 MW) of NHPC in Sikkim synchronized on 20.03.2008.
- Balimela Ext., Unit-8 HEP (75 MW) of OHPC in Orissa synchronized on 27.03.2008
- Teesta - V, Unit -1 HEP (170 MW) of NHPC in Sikkim synchronized on 28.03.2008.
- Priyadarshani Jurala HEP,Unit - 1 ( 39 MW ) of APGENCO in Andhra Pradesh synchronized on 28.03.2008.
- Yamuna Nagar TPP, Unit-2 (300 MW) of HPGCL in Haryana synchronized on 29.03.2008.
- Total 289 MW Capacity in Eastern & North Eastern region were retired/derated w.e.f. 20.02.2008.

### ALL INDIA GENERATING INSTALLED CAPACITY ( MW ) (As on 31-03-08)

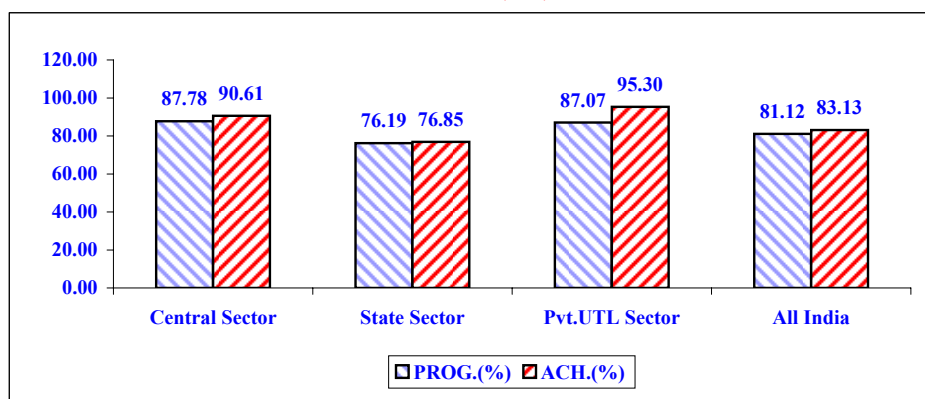


## 5. ALL INDIA PLANT LOAD FACTOR

Sector-wise PLF(%) targets and achievements

| SECTOR         | MARCH' 08 |         | APRIL, 07- MARCH' 08 |         |
|----------------|-----------|---------|----------------------|---------|
|                | PROG.(%)  | ACH.(%) | PROG.(%)             | ACH.(%) |
| Central Sector | 87.78     | 90.61   | 82.74                | 86.74   |
| State Sector   | 76.19     | 76.85   | 72.51                | 71.89   |
| Pvt.UTL Sector | 87.07     | 95.30   | 86.77                | 90.79   |
| All India      | 81.12     | 83.13   | 77.14                | 78.61   |

**ALL INDIA PLANT LOAD FACTOR ( % ) DURING MARCH' 08**



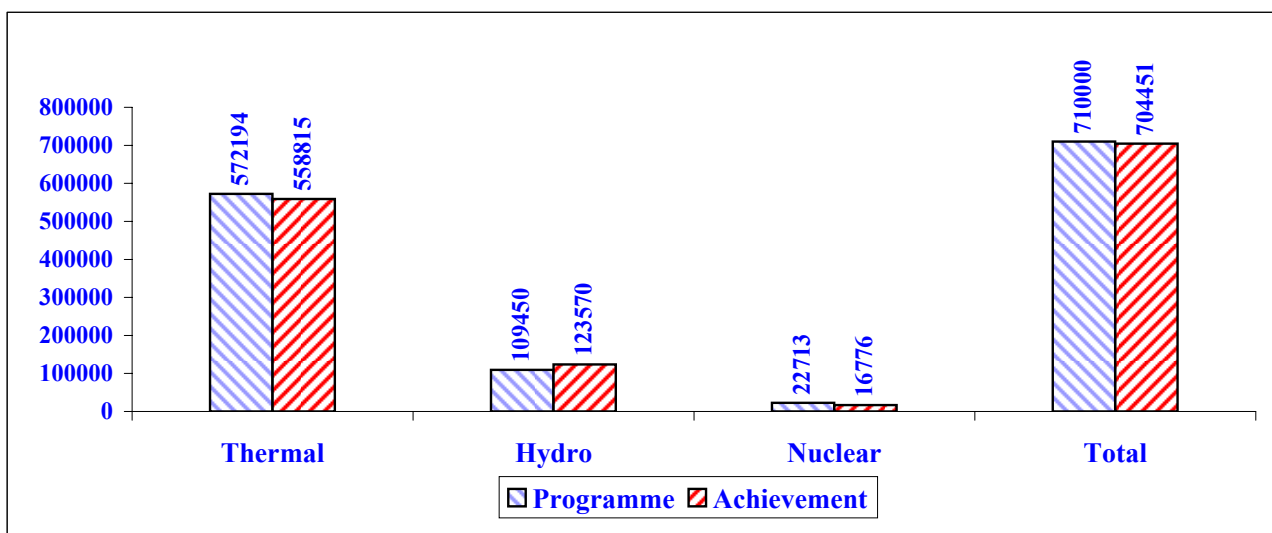
### LIST OF UTILITY/ORGANISATION WHOSE PLF ACHIEVEMENT WERE LOWER THAN THE RESPECTIVE TARGET DURING MARCH' 08

| Sector      | SL. No. | Name of Power Stn. | PLF in %  |             |           |
|-------------|---------|--------------------|-----------|-------------|-----------|
|             |         |                    | Programme | Achievement | Shortfall |
| I. CENTRAL  | 1       | KAHALGAON          | 88.27     | 66.00       | 22.27     |
|             | 2       | SIPAT STPS         | 80.65     | 0.40        | 80.25     |
|             | 3       | BOKARO "B"         | 82.14     | 71.52       | 10.62     |
|             | 4       | CHANDRAPURA        | 40.86     | 33.74       | 7.12      |
|             | 5       | DURGAPUR           | 85.78     | 82.43       | 3.35      |
|             | 6       | MEJIA              | 87.30     | 79.24       | 8.06      |
| II. STATE   | 1       | UPRVUNL            | 60.87     | 56.96       | 3.91      |
|             | 2       | CSEB               | 88.20     | 87.75       | 0.45      |
|             | 3       | MAHAGENCO          | 81.98     | 80.55       | 1.43      |
|             | 4       | MPPGCL             | 77.07     | 67.90       | 9.17      |
|             | 5       | APGENCO            | 93.49     | 91.97       | 1.52      |
|             | 6       | BSEB               | 12.60     | 9.47        | 3.13      |
|             | 7       | DPL                | 79.29     | 51.30       | 27.99     |
|             | 8       | JSEB               | 16.16     | 12.45       | 3.71      |
|             | 9       | OPGC               | 94.73     | 89.44       | 5.29      |
|             | 10      | TVNL               | 67.20     | 45.37       | 21.83     |
|             | 11      | VPCL               | 34.21     | 5.76        | 28.45     |
|             | 12      | ASEB               | 30.57     | 24.75       | 5.82      |
| III PRIVATE |         | NIL                |           |             |           |

#### 4. PROGRAMME AND ACHIEVEMENT OF ENERGY GENERATION (MU)

| Gen. Sch.         | Programme     | MARCH' 08    |                 |              | APRIL'07- MARCH' 08 |                  |              |
|-------------------|---------------|--------------|-----------------|--------------|---------------------|------------------|--------------|
| Sector-wise       | 2007-08       | Programme    | Achievement     | % Ach.       | Programme           | Achievement      | % Ach.       |
| <b>Thermal</b>    |               |              |                 |              |                     |                  |              |
| Central Sector    | 237449        | 22248        | 22029.24        | 99.0         | 237449              | 240363.42        | 101.2        |
| State Sector      | 277604        | 26331        | 24731.15        | 93.9         | 277604              | 261781.09        | 94.3         |
| Pvt. IPP Sector   | 31705         | 3962         | 2840.68         | 71.7         | 31705               | 30256.13         | 95.4         |
| Pvt. UTL Sector   | 25436         | 2166         | 2343.94         | 108.2        | 25436               | 26414.57         | 103.8        |
| <b>Total</b>      | <b>572194</b> | <b>54707</b> | <b>51945.01</b> | <b>95.0</b>  | <b>572194</b>       | <b>558815.21</b> | <b>97.7</b>  |
| <b>Hydro</b>      |               |              |                 |              |                     |                  |              |
| Central Sector    | 39790         | 2455         | 2417.42         | 98.5         | 39790               | 41809.67         | 105.1        |
| State Sector      | 64299         | 4477         | 5124.55         | 114.5        | 64299               | 76271.04         | 118.6        |
| Pvt. IPP Sector   | 3715          | 131          | 119.56          | 91.3         | 3715                | 3866.81          | 104.1        |
| Pvt. UTL Sector   | 1646          | 92           | 119.89          | 130.3        | 1646                | 1622.26          | 98.6         |
| <b>Total</b>      | <b>109450</b> | <b>7155</b>  | <b>7781.42</b>  | <b>108.8</b> | <b>109450</b>       | <b>123569.78</b> | <b>112.9</b> |
| <b>Nuclear</b>    |               |              |                 |              |                     |                  |              |
| Central Sector    | 22713         | 2065         | 1337.63         | 64.8         | 22713               | 16775.7          | 73.9         |
| <b>Total</b>      | <b>22713</b>  | <b>2065</b>  | <b>1337.63</b>  | <b>64.8</b>  | <b>22713</b>        | <b>16775.71</b>  | <b>73.9</b>  |
| <b>Bhutan IMP</b> | <b>5643</b>   | <b>226</b>   | <b>141.55</b>   | <b>62.6</b>  | <b>5643</b>         | <b>5290.1</b>    | <b>93.7</b>  |
| <b>All India</b>  |               |              |                 |              |                     |                  |              |
| Central Sector    | 299952        | 26768        | 25784.29        | 96.3         | 299952              | 298948.8         | 99.7         |
| State Sector      | 341903        | 30808        | 29855.7         | 96.9         | 341903              | 338052.13        | 98.9         |
| Pvt. Sector       | 62502         | 6351         | 5424.07         | 85.4         | 62502               | 62159.77         | 99.5         |
| <b>Total</b>      | <b>710000</b> | <b>64153</b> | <b>61205.61</b> | <b>95.4</b>  | <b>710000</b>       | <b>704450.81</b> | <b>99.2</b>  |

#### ALL INDIA ENERGY GENERATION DURING APRIL'07-MARCH' 08



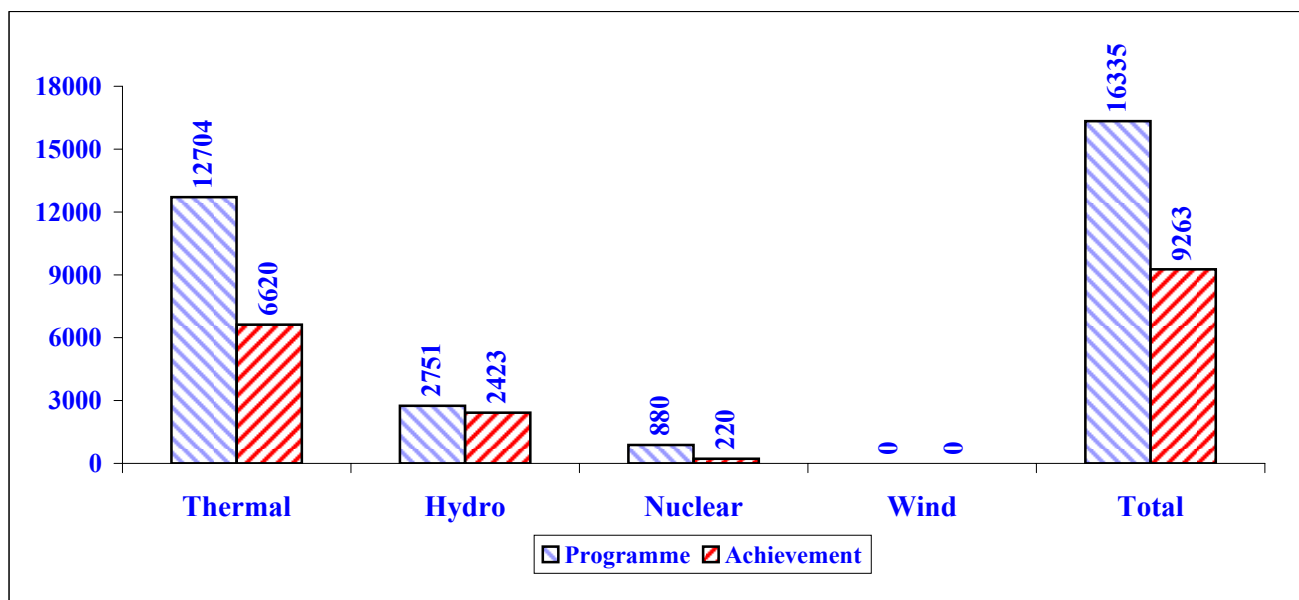
### 3. CAPACITY ADDITION FOR MARCH' 08 AND APRIL'07-MARCH' 08

(MW)

| Schemes   | Status of Schemes | Target          | MARCH' 08     |                | APRIL'07-       | MARCH' 08      | Deviation       |
|-----------|-------------------|-----------------|---------------|----------------|-----------------|----------------|-----------------|
|           |                   | 2007-08         | Programme     | Achievement    | Programme       | Achievement    | (+) / (-)       |
| Thermal   | Central           | 4650.00         | 660.00        | 500.00         | 4650.00         | 1990.00        | -2660.00        |
|           | State             | 5017.20         | 0.00          | 300.00         | 5017.20         | 3880.00        | -1137.20        |
|           | Pvt.              | 3037.00         | 250.00        | 250.00         | 3037.00         | 750.00         | -2287.00        |
|           | <b>Total</b>      | <b>12704.20</b> | <b>910.00</b> | <b>1050.00</b> | <b>12704.20</b> | <b>6620.00</b> | <b>-6084.20</b> |
| Hydro     | Central           | 1030.00         | 0.00          | 340.00         | 1030.00         | 1030.00        | 0.00            |
|           | State             | 1721.00         | 0.00          | 190.00         | 1721.00         | 1393.00        | -328.00         |
|           | Pvt.              | 0.00            | 0.00          | 0.00           | 0.00            | 0.00           | 0.00            |
|           | <b>Total</b>      | <b>2751.00</b>  | <b>0.00</b>   | <b>530.00</b>  | <b>2751.00</b>  | <b>2423.00</b> | <b>-328.00</b>  |
| Nuclear   | Central           | 880.00          | 0.00          | 0.00           | 880.00          | 220.00         | -660.00         |
|           | <b>Total</b>      | <b>880.00</b>   | <b>0.00</b>   | <b>0.00</b>    | <b>880.00</b>   | <b>220.00</b>  | <b>-660.00</b>  |
| RES @     | State             |                 |               |                |                 |                |                 |
|           | Pvt.              |                 |               |                |                 |                |                 |
|           | <b>Total</b>      |                 |               |                |                 |                |                 |
|           |                   |                 |               |                |                 |                |                 |
| All India | Central           | 6560.00         | 660.00        | 840.00         | 6560.00         | 3240.00        | -3320.00        |
|           | State             | 6738.20         | 0.00          | 490.00         | 6738.20         | 5273.00        | -1465.20        |
|           | Pvt.              | 3037.00         | 250.00        | 250.00         | 3037.00         | 750.00         | -2287.00        |
|           | <b>Total</b>      | <b>16335.20</b> | <b>910.00</b> | <b>1580.00</b> | <b>16335.20</b> | <b>9263.00</b> | <b>-7072.20</b> |

@ Renewable Energy Sources (RES) includes Small Hydro Project(SHP), Biomass Gas(BG), Biomass Power(BP), Urban & Industrial waste Power(U&I), and Wind Energy.

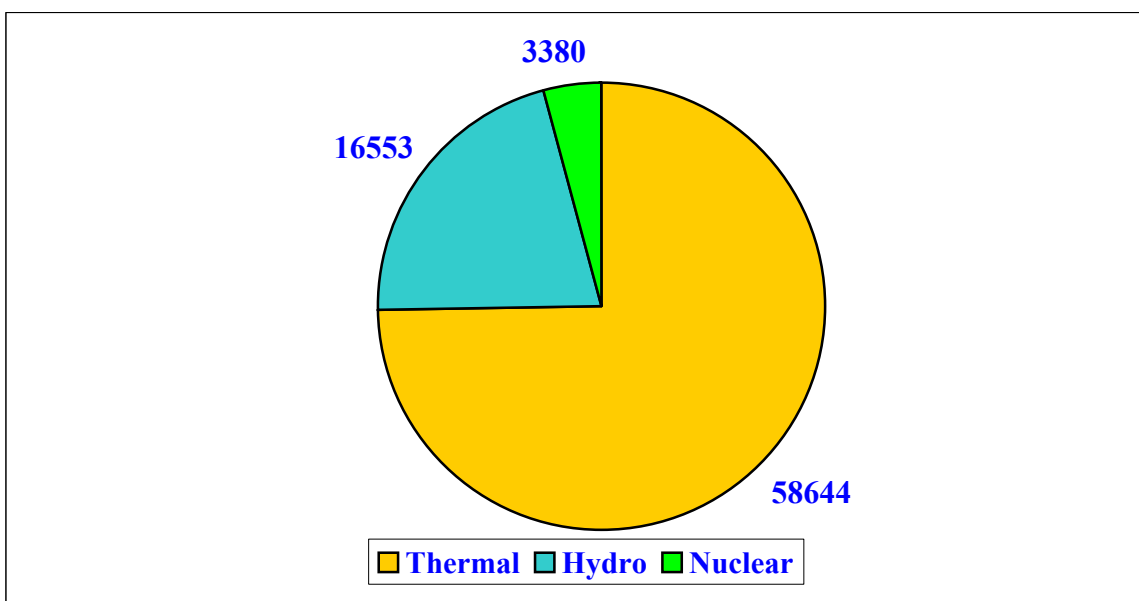
#### PROGRAMME & ACHIEVEMENT ( MW ) DURING APRIL'07-MARCH' 08



ENERGY PRODUCED IS ENERGY SAVED

## 2. CAPACITY ADDITION PROGRAMME 11TH PLAN(Tentative\*\*)

| (MW)         |              |              |              |              |
|--------------|--------------|--------------|--------------|--------------|
| Type/Sector  | Central      | State        | Private      | Total        |
| Thermal      | 26800        | 24347        | 7497         | 58644        |
| Hydro*       | 9685         | 3605         | 3263         | 16553        |
| Nuclear      | 3380         | 0            | 0            | 3380         |
| <b>Total</b> | <b>39865</b> | <b>27952</b> | <b>10760</b> | <b>78577</b> |



## CAPACITY ADDITION PROGRAMME/FEASIBLE DURING 11TH PLAN YEAR WISE

| (MW)                   |                 |                 |                 |                 |                 |
|------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                        | 2007-08         | 2008-09         | 2009-10         | 2010-11         | 2011-12         |
| Thermal Programme      | 12704.20        | 5077.00         | 10773.00        | 14140.00        | 15950.00        |
| Feasible               | 6620.00         | 9304.00         | 14229.00        | 15155.00        | 14205.00        |
| Hydro Programme        | 2751.00         | 1625.00         | 3425.00         | 2330.00         | 6422.00         |
| Feasible               | 2423.00         | 1097.00         | 1805.00         | 1741.00         | 8561.00         |
| Nuclear Programme      | 880.00          | 1000.00         | 1000.00         | 500.00          | 0.00            |
| Feasible               | 220.00          | 660.00          | 2000.00         | 500.00          | 0.00            |
| <b>Total Programme</b> | <b>16335.20</b> | <b>7702.00</b>  | <b>15198.00</b> | <b>16970.00</b> | <b>22372.00</b> |
| <b>Feasible</b>        | <b>9263.00</b>  | <b>11061.00</b> | <b>18034.00</b> | <b>17396.00</b> | <b>22766.00</b> |

Renewable Energy Sources (RES) Generation Capacity not included

\* In addition 13 projects(2745 MW) have also been identified which may yield benefit during 11th Plan with best efforts.

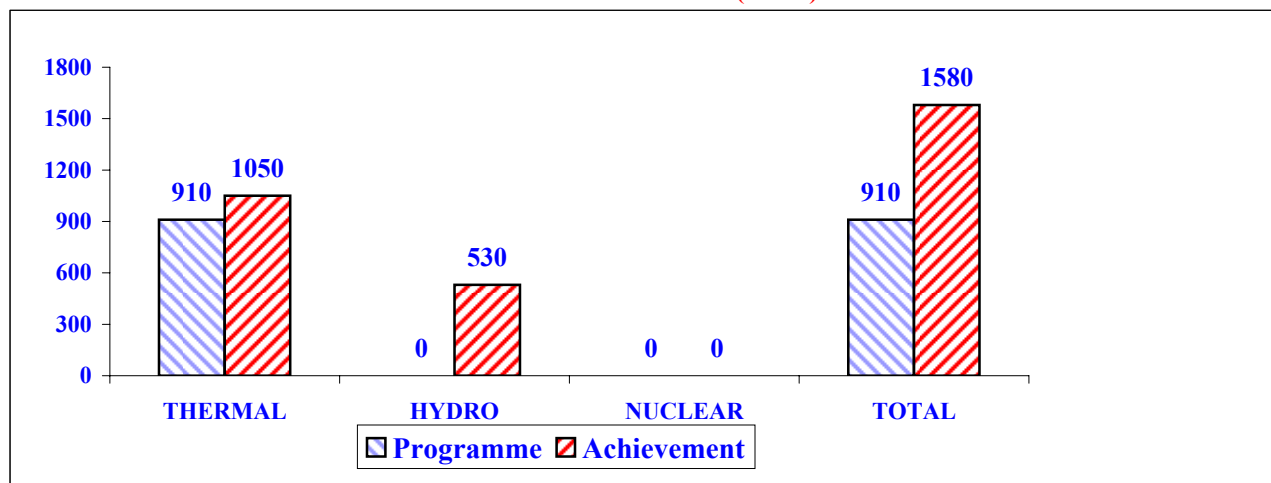
\*\* Yet to be finalised/approved by Planning Commission.

## 1.1 CAPACITY ADDITION & GENERATION DURING- MARCH' 08

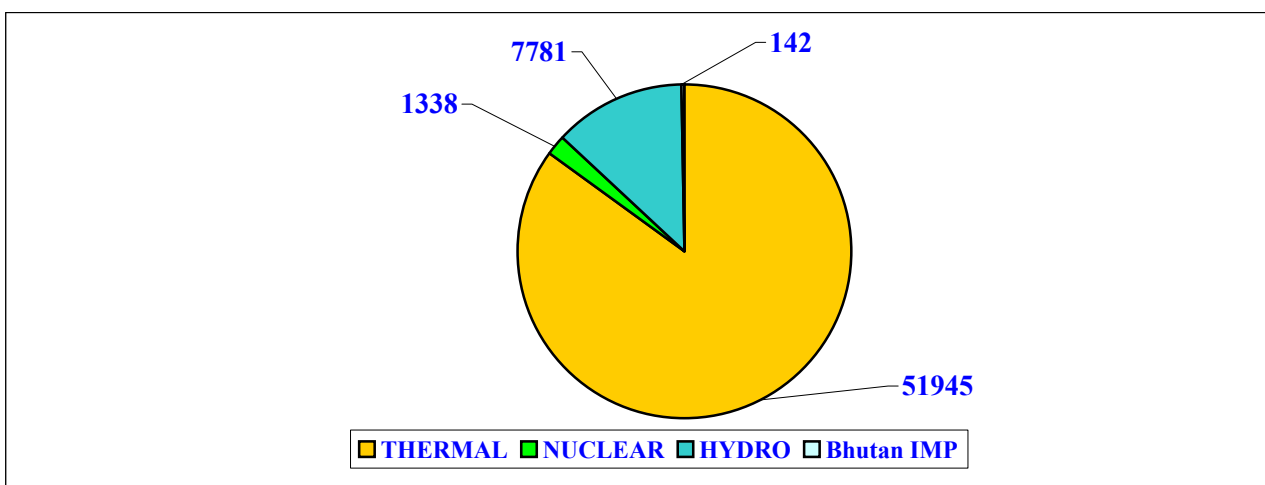
| Description                   | MARCH' 08     |                | MARCH 07       |                 |
|-------------------------------|---------------|----------------|----------------|-----------------|
|                               | Programme     | Achivement     | Programme      | Achivement      |
| <b>CAPACITY ADDITION (MW)</b> |               |                |                |                 |
| <b>THERMAL</b>                | 910.00        | 1050.00        | 2875.00        | 1610.00         |
| <b>HYDRO</b>                  | 0.00          | 530.00         | 705.00         | 560.00          |
| <b>NUCLEAR</b>                | 0.00          | 0.00           | 220.00         | 0.00            |
| <b>RES @</b>                  |               |                |                |                 |
| <b>TOTAL</b>                  | <b>910.00</b> | <b>1580.00</b> | <b>3800.00</b> | <b>2170.00</b>  |
| <b>GENERATION (MU)</b>        |               |                |                |                 |
| <b>THERMAL</b>                | 54707         | 51945          | 51177          | 49117.63        |
| <b>NUCLEAR</b>                | 2065          | 1338           | 1721           | 1695.80         |
| <b>HYDRO</b>                  | 7155          | 7781           | 6656           | 8030.66         |
| <b>BHUTAN IMP</b>             | 226           | 142            | 25             | 231.17          |
| <b>TOTAL</b>                  | <b>64153</b>  | <b>61206</b>   | <b>59579</b>   | <b>59075.26</b> |

@ Renewable Energy Sources (RES) includes Small Hydro Project(SHP), Biomass Gas(BG), Biomass Power(BP), Urban & Industrial waste Power(U&I), and Wind Energy.

### PROGRAMME/ACHIVEMENT IN CAPACITY ADDITION ( MW ) DURING MARCH' 08



### ACHIEVEMENT IN GENERATION ( MU ) DURING MARCH' 08



ENERGY SAVED IS ENERGY PRODUCED

**g All India Annual per Capita consumption of Electricity**

| Year    | Per Capita Consumption<br>( kWh) |
|---------|----------------------------------|
| 2002-03 | 566.69 *                         |
| 2003-04 | 592.00 *                         |
| 2004-05 | 612.50 *                         |
| 2005-06 | 631.50 *                         |
| 2006-07 | 664.80 *                         |

\* As per U. N. methodology

**h All India Transformation, T&D and AT&C losses :**

| Year    | T&D losses | AT&C Losses* |
|---------|------------|--------------|
| 2002-03 | 32.54      | 32.54        |
| 2003-04 | 32.53      | 34.78        |
| 2004-05 | 31.25      | 34.33        |
| 2005-06 | 30.42      | 34.54        |
| 2006-07 | 29.89      | NA           |

\* PFC Figs.

- i a) All India Village Electrification (as on 29.02. 2008): 487338 (82.1%)  
b) Pumpsets Energised (as on 29.02. 2008): 15470007 (79.0%)

**j All India Coal Consumption for Power Generation (Utilities)**

| YEAR    | Coal Cunsumption<br>( Million Tonnes ) |
|---------|----------------------------------------|
| 2001-02 | 240                                    |
| 2002-03 | 253                                    |
| 2003-04 | 263                                    |
| 2004-05 | 278                                    |
| 2005-06 | 280                                    |
| 2006-07 | 302                                    |
| 2007-08 | 332*                                   |

\* tentative

**k Average cost of power supply & average realization ( paise/kWh )**

| Year    | cost of supply<br>(paise/unit) | realization(paise/unit)  |                     |
|---------|--------------------------------|--------------------------|---------------------|
|         |                                | Including<br>Agriculture | Only<br>Agriculture |
| 1999-00 | 296.19                         | 225.66                   | 27.28               |
| 2000-01 | 314.62                         | 249.24                   | 27.99               |
| 2001-02 | 348.33                         | 266.99                   | 22.74               |
| 2002-03 | 335.49                         | 255.20                   | 49.83               |
| 2003-04 | 349.29                         | 338.30                   | 62.16               |
| 2004-05 | 358.83                         | 282.60                   | 45.72               |

**l Power Supply Position April 2007-March 2008**

| Region           | Energy(MU)<br>Requirement | Deficit%    | Peak<br>Demand(MW) | Deficit%     |
|------------------|---------------------------|-------------|--------------------|--------------|
| Northern         | 217,589                   | -10.4       | 32,462             | -9.1         |
| Western          | 247,156                   | -15.8       | 38,277             | -23.2        |
| Southern         | 187,736                   | -3.2        | 26,777             | -9.0         |
| Eastern          | 75,772                    | -5.0        | 11,940             | -10.4        |
| North Eastern    | 8,799                     | -12.3       | 1,742              | -22.7        |
| <b>All India</b> | <b>737,052</b>            | <b>-9.8</b> | <b>108,866</b>     | <b>-16.6</b> |

## 21. COST OF GENERATION FOR THE YEAR 2006-07

As on 31.03.2008

| Name of the Utility/Power Station                  | Energy Source-<br>Coal/ Gas/<br>Naptha/ LSHS/<br>Diesel/ Hydro | State where the unit is<br>located | Installed<br>Capacity<br>(MW) | Cost of<br>Generation/<br>Unit<br>(Paise/Kwh) |
|----------------------------------------------------|----------------------------------------------------------------|------------------------------------|-------------------------------|-----------------------------------------------|
| CENTRAL SECTOR                                     |                                                                |                                    |                               |                                               |
|                                                    |                                                                |                                    |                               |                                               |
| BHAKRA BEAS MANAGEMENT BOARD                       |                                                                |                                    |                               |                                               |
| Bhakra Complex(Bhakra Plant.+Gang.+Kotla P. House) | HYDRO                                                          | PUNJAB/HIMACHAL<br>PRADESH         | 1480.30                       | 13.50                                         |
| Dehar Power House                                  | HYDRO                                                          |                                    | 990.00                        | 38.37                                         |
| Pong Power Plant                                   | HYDRO                                                          |                                    | 396.00                        | 8.78                                          |
|                                                    |                                                                |                                    |                               |                                               |
| DAMODAR VALLEY CORPORATION                         |                                                                |                                    |                               |                                               |
| Bokaro Thermal Power Station                       | THERMAL-C                                                      | JHARKHAND                          | 630.00                        | 194.00                                        |
| Durgapur Thermal Power Station                     | THERMAL-C                                                      | WEST BENGAL                        | 350.00                        | 210.14                                        |
| Chandrapura Thermal Power Station                  | THERMAL-C                                                      | JHARKHAND                          | 750.00                        | 174.11                                        |
| Mejia Thermal Power Station                        | THERMAL-C                                                      | WEST BENGAL                        | 840.00                        | 199.45                                        |
| Maithon Hydel Station                              | HYDRO                                                          | JHARKHAND                          | 60.00                         | 81.41                                         |
| Panchet Hydel Station                              | HYDRO                                                          | JHARKHAND                          | 80.00                         | 81.92                                         |
| Tilaiya Hydel Power Station                        | HYDRO                                                          | JHARKHAND                          | 4.00                          | 205.75                                        |
|                                                    |                                                                |                                    |                               |                                               |
| NATIONAL HYDRO ELECTRIC POWER COR. LTD.            |                                                                |                                    |                               |                                               |
|                                                    |                                                                |                                    |                               |                                               |
| Bairasiul                                          | HYDRO                                                          | HIMACHAL PRADESH                   | 180.00                        | 69.71                                         |
| Salal I & II                                       | HYDRO                                                          | J. & K.                            | 690.00                        | 27.05                                         |
| Tanakpur                                           | HYDRO                                                          | UTTARAKHAND                        | 94.20                         | 96.77                                         |
| Chamera - I                                        | HYDRO                                                          | HIMACHAL PRADESH                   | 540.00                        | 59.06                                         |
| Uri I                                              | HYDRO                                                          | J. & K.                            | 480.00                        | 62.94                                         |
| Chamera - II                                       | HYDRO                                                          | HIMACHAL PRADESH                   | 300.00                        | 148.77                                        |
| Dhauligang                                         | HYDRO                                                          | UTTARAKHAND                        | 280.00                        | 119.07                                        |
| Loktak                                             | HYDRO                                                          | MANIPUR                            | 90.00                         | 104.74                                        |
| Rangit                                             | HYDRO                                                          | SIKKIM                             | 60.00                         | 230.02                                        |
|                                                    |                                                                |                                    |                               |                                               |
| NATIONAL THERMAL CORPORATION LIMITED               |                                                                |                                    |                               |                                               |
| Singrauli (U 1-7)                                  | THERMAL-C                                                      | UTTAR PRADESH                      | 2000.00                       | 118.00                                        |
| Korba (U 1-6)                                      | THERMAL-C                                                      | CHHATISGARH                        | 2100.00                       | 96.00                                         |
| Ramagundam (U 1-7)                                 | THERMAL-C                                                      | ANDHRA PRADESH                     | 2600.00                       | 144.00                                        |
| Farakka (U 1-5)                                    | THERMAL-C                                                      | WEST BENGAL                        | 1600.00                       | 167.00                                        |
| Vindhyachal (U 1-9)                                | THERMAL-C                                                      | MADHYA PRADESH                     | 2760.00                       | 144.00                                        |
| Rihand (U 1-4)                                     | THERMAL-C                                                      | UTTAR PRADESH                      | 2000.00                       | 148.00                                        |
| FGUTPS (U 1-5)                                     | THERMAL-C                                                      | UTTAR PRADESH                      | 1050.00                       | 184.00                                        |
| NCTPS-Dadri coal (U 1-4)                           | THERMAL-C                                                      | UTTAR PRADESH                      | 840.00                        | 225.00                                        |
| Kahalgaoon (U 1-4)                                 | THERMAL-C                                                      | BIHAR                              | 840.00                        | 194.00                                        |
| Talcher (U 1-6)                                    | THERMAL-C                                                      | ORISSA                             | 3000.00                       | 122.00                                        |
| Talcher TPS (U 1-6)                                | THERMAL-C                                                      | ORISSA                             | 460.00                        | 181.00                                        |
| Tanda (U 1-4)                                      | THERMAL-C                                                      | UTTAR PRADESH                      | 440.00                        | 248.00                                        |
| Simhadri (U 1-2)                                   | THERMAL-C                                                      | ANDHRA PRADESH                     | 1000.00                       | 161.00                                        |
| Anta (U 1-3) & ST-1                                | THERMAL-G                                                      | RAJASTHAN                          | 419.00                        | 230.00                                        |
| Auraiya (U 1-4), ST-1 & ST-2                       | THERMAL-G                                                      | UTTAR PRADESH                      | 663.00                        | 278.00                                        |
| Dadri (U 1-4), ST-1 & ST-2                         | THERMAL-G                                                      | UTTAR PRADESH                      | 830.00                        | 288.00                                        |
| Kawas (U I-B,I-A, II-B, II-A, ST-1 & ST-2)         | THERMAL-G                                                      | GUJARAT                            | 656.00                        | 554.00                                        |
| Gandhar (U 1-3), ST                                | THERMAL-G                                                      | GUJARAT                            | 657.00                        | 268.00                                        |
| Rajiv Gandhi (Kayamkulam) (U 1-2), ST              | THERMAL-N                                                      | KERALA                             | 360.00                        | 760.00                                        |
| Faridabad (U 1-4), ST                              | THERMAL-G                                                      | HARYANA                            | 432.00                        | 225.00                                        |
| Badarpur (U 1-4)                                   | THERMAL-C                                                      | DELHI                              | 705.00                        | 265.00                                        |
|                                                    |                                                                |                                    |                               |                                               |
| NEYVELI LIGNITE CORPORATION LTD.                   |                                                                |                                    |                               |                                               |
| Thermal Station I                                  | THERMAL-LIG                                                    | TAMIL NADU                         | 600.00                        | 153.31                                        |
| Thermal Station I Expansion                        | THERMAL-LIG                                                    | TAMIL NADU                         | 420.00                        | 139.26                                        |
| Thermal Station II Stage I                         | THERMAL-LIG                                                    | TAMIL NADU                         | 630.00                        | 142.77                                        |
| Thermal Station II Stage II                        | THERMAL-LIG                                                    | TAMIL NADU                         | 840.00                        | 137.07                                        |

| Name of the Utility/Power Station               | Energy Source-<br>Coal/ Gas/<br>Naptha/ LSHS/<br>Diesel/ Hydro | State where the unit is<br>located | Installed<br>Capacity<br>(MW) | Cost of<br>Generation/<br>Unit<br>(Paise/Kwh) |
|-------------------------------------------------|----------------------------------------------------------------|------------------------------------|-------------------------------|-----------------------------------------------|
| <b>NORTH EASTERN ELECTRIC POWER COR. LTD.</b>   |                                                                |                                    |                               |                                               |
| Kopili Hydro Electric Project                   | HYDRO                                                          | ASSAM                              | 275.00                        | 65.70                                         |
| Doyang Hydro Electric Project (DHEP)            | HYDRO                                                          | NAGALAND                           | 75.00                         | 260.20                                        |
| Ranganadi Hydro Electric Project (RHEP)         | HYDRO                                                          | ARUNACHAL PRADESH                  | 405.00                        | 121.29                                        |
| Assam Gas Based Power Project (AGBPP)           | THERMAL-G                                                      | ASSAM                              | 291.00                        | 181.92                                        |
| Agartala Gas Generation Power Project           | THERMAL-G                                                      | TRIPURA                            | 84.00                         | 166.95                                        |
| <b>SATLUJ JAL VIDYUT NIGAM LTD.</b>             |                                                                |                                    |                               |                                               |
| Nathpa Jhakri Power Corporation Limited         | HYDRO                                                          | HIMACHAL PRADESH                   | 1500.00                       | 109.00                                        |
| <b>TEHRI HYDRO DEVELOPMENT CORPORATION</b>      |                                                                |                                    |                               |                                               |
| Tehri St. -I                                    | HYDRO                                                          | UTTARAKHAND                        | 1000.00                       | 350.54                                        |
| <b>NARMADA HYDROELECTRIC DEV. COR. LTD.</b>     |                                                                |                                    |                               |                                               |
| Indira Sagar Project                            | HYDRO                                                          | MADHYA PRADESH                     | 1000                          | 88.44                                         |
| <b>NUCLEAR POWER CORP. OF INDIA</b>             |                                                                |                                    |                               |                                               |
| TAPS 1 TO 4                                     | NEUCLEAR                                                       | MAHARASHTRA                        | 1400.00                       | 192.00                                        |
| Rajasthan (Unit-2, 3 & 4)                       | NEUCLEAR                                                       | RAJASTHAN                          | 640.00                        | 177.00                                        |
| Madras (Unit-1 & 2)                             | NEUCLEAR                                                       | TAMIL NADU                         | 440.00                        | 139.00                                        |
| Narora (Unit-1 & 2)                             | NEUCLEAR                                                       | UTTAR PRADESH                      | 440.00                        | 178.00                                        |
| Kakrapar (Unit-1 & 2)                           | NEUCLEAR                                                       | GUJARAT                            | 440.00                        | 145.00                                        |
| Kaiga (Unit-1 & 2)                              | NEUCLEAR                                                       | KARNATAKA                          | 440.00                        | 208.00                                        |
| <b>NORTHERN REGION</b>                          |                                                                |                                    |                               |                                               |
| <b>HARYANA POWER GEN. CORP. LTD.</b>            |                                                                |                                    |                               |                                               |
| Panipat Thermal Power Station (4x110)           | THERMAL-C                                                      | HARYANA                            | 440.00                        | 286.12                                        |
| Panipat Thermal Power Station (2x210)           | THERMAL-C                                                      | HARYANA                            | 420.00                        | 257.90                                        |
| Panipat Thermal Power Station (2x250)           | THERMAL-C                                                      | HARYANA                            | 500.00                        | 247.30                                        |
| Faridabad Thermal Power Station                 | THERMAL-C                                                      | HARYANA                            | 165.00                        | 482.64                                        |
| Western Yamuna Canal , H. E. Hydel Project      | HYDRO                                                          | HARYANA                            | 62.40                         | 99.86                                         |
| Kakroi Hydel Project                            | HYDRO-MIC                                                      | HARYANA                            | 0.30                          | 2836.15                                       |
| <b>HIMACHAL PRADESH STATE ELECTRICITY BOARD</b> |                                                                |                                    |                               |                                               |
| Giri Power House                                | HYDRO                                                          | HIMACHAL PRADESH                   | 60.00                         | 47.00                                         |
| Andhra Power House                              | HYDRO                                                          | HIMACHAL PRADESH                   | 16.95                         | 75.00                                         |
| Gumma Power House                               | HYDRO                                                          | HIMACHAL PRADESH                   | 3.00                          | 222.00                                        |
| Bhaba/Sanja Power House                         | HYDRO                                                          | HIMACHAL PRADESH                   | 120.00                        | 32.00                                         |
| Nogil Power House                               | HYDRO                                                          | HIMACHAL PRADESH                   | 2.25                          | 159.00                                        |
| Ghanvi Power House                              | HYDRO                                                          | HIMACHAL PRADESH                   | 22.50                         | 215.00                                        |
| Bassi Power House                               | HYDRO                                                          | HIMACHAL PRADESH                   | 60.00                         | 26.00                                         |
| Binwa Power House                               | HYDRO                                                          | HIMACHAL PRADESH                   | 6.00                          | 105.00                                        |
| Gaj Power House                                 | HYDRO                                                          | HIMACHAL PRADESH                   | 10.50                         | 111.00                                        |
| Baner Power House                               | HYDRO                                                          | HIMACHAL PRADESH                   | 12.00                         | 108.00                                        |
| Chaba Power House                               | HYDRO                                                          | HIMACHAL PRADESH                   | 1.38                          | 123.00                                        |
| Rukti Power House                               | HYDRO                                                          | HIMACHAL PRADESH                   | 1.50                          | 460.00                                        |
| Rongtong Power House                            | HYDRO                                                          | HIMACHAL PRADESH                   | 2.00                          | 563.00                                        |
| Chaba Power House                               | HYDRO                                                          | HIMACHAL PRADESH                   | 0.30                          | 298.00                                        |
| Sal-II Power House                              | HYDRO                                                          | HIMACHAL PRADESH                   | 2.00                          | 203.00                                        |
| Killar Power House                              | HYDRO                                                          | HIMACHAL PRADESH                   | 0.30                          | 420.00                                        |
| Holi Power House                                | HYDRO                                                          | HIMACHAL PRADESH                   | 3.00                          | 136.00                                        |
| Thirot Power House                              | HYDRO                                                          | HIMACHAL PRADESH                   | 4.50                          | 326.00                                        |
| Khauli Power House                              | HYDRO                                                          | HIMACHAL PRADESH                   | 18.00                         | 1148.00                                       |
| Larji Power House                               | HYDRO                                                          | HIMACHAL PRADESH                   | 126.00                        | 468.00                                        |
| <b>INDRAPRASTHA POWER GEN. CO. LTD.</b>         |                                                                |                                    |                               |                                               |
| Rajghat Power House                             | THERMAL-C                                                      | DELHI                              | 135.00                        | 308.48                                        |
| Indraprastha Power Station                      | THERMAL-C                                                      | DELHI                              | 247.50                        | 362.48                                        |
| I. P. Gas Turbinen Power Station                | THERMAL-G                                                      | DELHI                              | 282.00                        | 229.22                                        |

| Name of the Utility/Power Station             | Energy Source-<br>Coal/ Gas/<br>Naptha/ LSHS/<br>Diesel/ Hydro | State where the unit is<br>located | Installed<br>Capacity<br>(MW) | Cost of<br>Generation/<br>Unit<br>(Paise/Kwh) |
|-----------------------------------------------|----------------------------------------------------------------|------------------------------------|-------------------------------|-----------------------------------------------|
| <b>PRAGATI POWER CORP. LTD.</b>               |                                                                |                                    |                               |                                               |
| Pragati Power Station                         | THERMAL-NG                                                     | DELHI                              | 330.00                        | 105.65                                        |
| <b>PUNJAB STATE ELECTRICITY BOARD</b>         |                                                                |                                    |                               |                                               |
| G.N.D.T.P. Bathinda                           | THERMAL-C                                                      | PUNJAB                             | 440.00                        | 252.60                                        |
| G.G.S.S.T.P Ropar                             | THERMAL-C                                                      | PUNJAB                             | 1260.00                       | 202.98                                        |
| G.H.T.P Lehra Mohabat                         | THERMAL-C                                                      | PUNJAB                             | 420.00                        | 228.50                                        |
| Shan Hydro Electric Project(UHL)              | HYDRO                                                          | HIMACHAL PRADESH                   | 110.00                        | 25.87                                         |
| U.B.D.C.Pathankot                             | HYDRO                                                          | PUNJAB                             | 91.35                         | 64.18                                         |
| Anandpur Sahib                                | HYDRO                                                          | PUNJAB                             | 134.00                        | 46.60                                         |
| Mukerian Hydel                                | HYDRO                                                          | PUNJAB                             | 207.00                        | 43.86                                         |
| Micro Hydel(Nidampur+Dodhar+Thuhi+Rohti)      | HYDRO                                                          | PUNJAB                             | 4.90                          | 234.16                                        |
| RANJIT SAGAR DAM (R.S.D).                     | HYDRO                                                          | PUNJAB                             | 600.00                        | 311.33                                        |
| L. Bank & R. Bank                             | HYDRO                                                          | PUNJAB                             | 684.0                         | 13.34                                         |
| Beas & Extn.                                  | HYDRO                                                          | HIMACHAL PRADESH                   | 573.00                        | 45.34                                         |
| <b>RAJASTHAN RAJYA VIDYUT PRASA. N. Ltd.</b>  |                                                                |                                    |                               |                                               |
| Rana Pratap Sagar Power Station               | HYDRO                                                          | RAJASTHAN                          | 172.00                        | 102.00                                        |
| Jawahar Sagar Power Station                   | HYDRO                                                          | RAJASTHAN                          | 99.00                         | 109.00                                        |
| <b>RAJASTHAN RAJYA VIDYUT UTPADAN N. Ltd.</b> |                                                                |                                    |                               |                                               |
| Kota Supper Thermal Power Station             | THERMAL-C                                                      | RAJASTHAN                          | 1045.00                       | 184.60                                        |
| Suratgarh Supper Thermal Power Station        | THERMAL-C                                                      | RAJASTHAN                          | 1250.00                       | 235.75                                        |
| Ramgarh Gas Thermal Power Station             | THERMAL-G                                                      | RAJASTHAN                          | 110.50                        | 337.18                                        |
| Mahi Hydel Power Statioin                     | HYDRO                                                          | RAJASTHAN                          | 140.00                        | 48.43                                         |
| Mini Micro Hydel Power Station                | HYDRO                                                          | RAJASTHAN                          | 23.85                         | 257.27                                        |
| <b>UTTARAKHAND JAL VIDYUT NIGAM LIMITED</b>   |                                                                |                                    |                               |                                               |
| Chibro                                        | HYDRO                                                          | UTTARAKHAND                        | 240.00                        | 24.52                                         |
| Ramganga                                      | HYDRO                                                          | UTTARAKHAND                        | 198.00                        | 60.39                                         |
| Chilla                                        | HYDRO                                                          | UTTARAKHAND                        | 144.00                        | 19.32                                         |
| Khodri                                        | HYDRO                                                          | UTTARAKHAND                        | 120.00                        | 24.54                                         |
| Tiloth                                        | HYDRO                                                          | UTTARAKHAND                        | 90.00                         | 26.61                                         |
| Dhalipur                                      | HYDRO                                                          | UTTARAKHAND                        | 51.00                         | 27.52                                         |
| Khatima                                       | HYDRO                                                          | UTTARAKHAND                        | 41.40                         | 28.42                                         |
| Dhakrani                                      | HYDRO                                                          | UTTARAKHAND                        | 33.75                         | 36.31                                         |
| Kulhal                                        | HYDRO                                                          | UTTARAKHAND                        | 30.00                         | 26.84                                         |
| <b>U. P. JAL VIDYUT NIGAM LIMITED</b>         |                                                                |                                    |                               |                                               |
| Fipri                                         | HYDRO                                                          | UTTAR PRADESH                      | 300.00                        | 27.32                                         |
| Obra                                          | HYDRO                                                          | UTTAR PRADESH                      | 99.00                         | 24.69                                         |
| Matatila/Sheetla                              | HYDRO                                                          | UTTAR PRADESH                      | 30.00                         | 20.43                                         |
| Muzaffar Nagar                                | HYDRO                                                          | UTTAR PRADESH                      | 15.50                         | 89.32                                         |
| Khara/E/C                                     | HYDRO                                                          | UTTAR PRADESH                      | 78.00                         | 89.74                                         |
| <b>UTTAR PRADESH R. V. U. N. LTD.</b>         |                                                                |                                    |                               |                                               |
| Anpara A (Unit 1-3)                           | THERMAL-C                                                      | UTTAR PRADESH                      | 630.00                        | 133.22                                        |
| Anpara B (Unit 1-2)                           | THERMAL-C                                                      | UTTAR PRADESH                      | 1000.00                       | 149.23                                        |
| Obra A (Unit 1-5) & (Unit 6-8)                | THERMAL-C                                                      | UTTAR PRADESH                      | 550.00                        | 329.67                                        |
| Obra B (Unit 9-13)                            | THERMAL-C                                                      | UTTAR PRADESH                      | 1000.00                       | 191.64                                        |
| Panki (Unit 3-4)                              | THERMAL-C                                                      | UTTAR PRADESH                      | 220.00                        | 330.64                                        |
| Harduganj B & C (Unit 1-4) & (Unit 5-7)       | THERMAL-C                                                      | UTTAR PRADESH                      | 440.00                        | 423.49                                        |
| Paricha (Unit 1-2)                            | THERMAL-C                                                      | UTTAR PRADESH                      | 220.00                        | 318.31                                        |
| <b>WESTERN REGION</b>                         |                                                                |                                    |                               |                                               |
| <b>CHHATTISGARH STATE ELEC. BOARD</b>         |                                                                |                                    |                               |                                               |
| Korba-East                                    | THERMAL-C                                                      | CHHATTISGARH                       | 440.00                        | 94.84                                         |
| Korba-West                                    | THERMAL-C                                                      | CHHATTISGARH                       | 840.00                        | 87.28                                         |
| HEP Machadoli Bango                           | HYDRO                                                          | CHHATTISGARH                       | 120.00                        | 39.35                                         |
| HEP-Gangrel                                   | HYDRO                                                          | CHHATTISGARH                       | 10.00                         | 61.81                                         |
| HEP Sikasar                                   | HYDRO                                                          | CHHATTISGARH                       | 70.00                         | 61.05                                         |
| Mini Hydel                                    | HYDRO                                                          | CHHATTISGARH                       | 0.85                          | -                                             |

| Name of the Utility/Power Station                       | Energy Source-<br>Coal/ Gas/<br>Naptha/ LSHS/<br>Diesel/ Hydro | State where the unit is<br>located | Installed<br>Capacity<br>(MW) | Cost of<br>Generation/<br>Unit<br>(Paise/Kwh) |
|---------------------------------------------------------|----------------------------------------------------------------|------------------------------------|-------------------------------|-----------------------------------------------|
| <b>GUJARAT STATE ELECTRICITY CORP. LTD.</b>             |                                                                |                                    |                               |                                               |
| Ukai TPS (Unit-1-5)                                     | THERMAL-C                                                      | GUJARAT                            | 850.00                        | 184.00                                        |
| Gandhinagar TPS (Unit-1-4)                              | THERMAL-C                                                      | GUJARAT                            | 660.00                        | 259.00                                        |
| Gandhinagar 5                                           | THERMAL-C                                                      | GUJARAT                            | 210.00                        | 200.00                                        |
| Wanakbori TPS (Unit-1-6)                                | THERMAL-C                                                      | GUJARAT                            | 1260.00                       | 193.00                                        |
| Wanakbori 7                                             | THERMAL-C                                                      | GUJARAT                            | 210.00                        | 181.00                                        |
| Sikka TPS (Unit-1-2)                                    | THERMAL-C                                                      | GUJARAT                            | 240.00                        | 255.00                                        |
| Kutch Lignite TPS (Unit-1-3)                            | THERMAL-C                                                      | GUJARAT                            | 215.00                        | 216.00                                        |
| Dhuvaran (Unit-1-6)                                     | THERMAL-C                                                      | GUJARAT                            | 534.00                        | 390.00                                        |
| Dhuvaran                                                | THERMAL-G                                                      | GUJARAT                            | 107.00                        | 506.00                                        |
| Utran GBPS (GT-1 to 3 & STG)                            | THERMAL-G                                                      | GUJARAT                            | 135.00                        | 228.00                                        |
| Ukai Hydro (Unit-1-4) & Ukai Hydro-LBC                  | HYDRO                                                          | GUJARAT                            | 305.00                        | 16.00                                         |
| Kadana (Unit-1-4) & Panam Hydro (Unit-1-2)              | HYDRO                                                          | GUJARAT                            | 242.00                        | 87.00                                         |
| <b>M.P.P.G.C.L., JABALPUR</b>                           |                                                                |                                    |                               |                                               |
| Amar Kantak TPH (PH I & II)                             | THERMAL-C                                                      | MADHYA PRADESH                     | 290.00                        | 159.17                                        |
| Satpura TPH Sarni (PH I, II & III)                      | THERMAL-C                                                      | MADHYA PRADESH                     | 1142.50                       | 165.18                                        |
| Sanjay Gandhi TPH Birsinghpur (PH I & II)               | THERMAL-C                                                      | MADHYA PRADESH                     | 840.00                        | 164.02                                        |
| Rani Avanti Bai HPS Bargi                               | HYDRO                                                          | MADHYA PRADESH                     | 90.00                         | 18.87                                         |
| Pench HPS                                               | HYDRO                                                          | MADHYA PRADESH                     | 160.00                        | 27.05                                         |
| Gandhi Sagar                                            | HYDRO                                                          | MADHYA PRADESH                     | 115.00                        | 25.13                                         |
| Tons (Tons+Bansagar II+Bansagar III)                    | HYDRO                                                          | MADHYA PRADESH                     | 405.00                        | 68.49                                         |
| Rajghat                                                 | HYDRO                                                          | MADHYA PRADESH                     | 45.00                         | 106.79                                        |
| Sanjay Gandhi HPS, Birsingh pur                         | HYDRO                                                          | MADHYA PRADESH                     | 20.00                         | 98.07                                         |
| Madhikhera                                              | HYDRO                                                          | MADHYA PRADESH                     | 40.00                         | 0.00                                          |
| Jhinna HPS, Jhinna                                      | HYDRO                                                          | MADHYA PRADESH                     | 20.00                         | 183.93                                        |
| <b>SARDAR SAROVAR NARMADA NIGAM LTD.</b>                |                                                                |                                    |                               |                                               |
| Sardar Sarovar Project                                  | HYDRO                                                          | GUJARAT                            | 1450.00                       | 163.05                                        |
| <b>SOUTHERN REGION</b>                                  |                                                                |                                    |                               |                                               |
| <b>ANDHRA PRADESH GAS POWER CORP. LTD.</b>              |                                                                |                                    |                               |                                               |
| Gas Turbo Power Station Stage - I                       | THERMAL-G                                                      | ANDHRA PRADESH                     | 100.00                        | 133.00                                        |
| Gas Turbo Power Station Stage - II                      | THERMAL-G                                                      | ANDHRA PRADESH                     | 172.00                        | 152.00                                        |
| <b>ANDHRA PRADESH POWER GEN.CORP. LTD.</b>              |                                                                |                                    |                               |                                               |
| Total (A. P. Power Gen. Corp. Ltd.)                     | TH & HY                                                        | ANDHRA PRADESH                     | 6980.26                       | 137.77                                        |
| <b>KARNATAKA POWER CORPO. LTD.</b>                      |                                                                |                                    |                               |                                               |
| Sharavathy ( U 1-10)                                    | HYDRO                                                          | KARNATAKA                          | 891.00                        | 13.15                                         |
| Linganamakki ( U 1-2)                                   | HYDRO                                                          | KARNATAKA                          | 55.00                         | 101.19                                        |
| Bhadra ( U 1-5)                                         | HYDRO                                                          | KARNATAKA                          | 39.20                         | 101.56                                        |
| Nagihari ( U 1-6)                                       | HYDRO                                                          | KARNATAKA                          | 855.00                        | 27.32                                         |
| Supa ( U 1-2)                                           | HYDRO                                                          | KARNATAKA                          | 100.00                        | 27.32                                         |
| Ghataprabha ( U 1-2)                                    | HYDRO                                                          | KARNATAKA                          | 32.00                         | 64.73                                         |
| Varahi ( U 1-2)                                         | HYDRO                                                          | KARNATAKA                          | 230.00                        | 60.12                                         |
| Mani Dam Power House ( U 1-2)                           | HYDRO                                                          | KARNATAKA                          | 9.00                          | 60.12                                         |
| Kalmala                                                 | HYDRO                                                          | KARNATAKA                          | 0.40                          | 221.44                                        |
| Sirwar                                                  | HYDRO                                                          | KARNATAKA                          | 1.00                          | 221.44                                        |
| Ganekal                                                 | HYDRO                                                          | KARNATAKA                          | 0.35                          | 221.44                                        |
| Mallapur ( U 1-2)                                       | HYDRO                                                          | KARNATAKA                          | 9.00                          | 221.44                                        |
| Kappadgudda Wind Farm                                   | HYDRO                                                          | KARNATAKA                          | 4.55                          | 215.09                                        |
| Kadra ( U 1-3)                                          | HYDRO                                                          | KARNATAKA                          | 150.00                        | 122.08                                        |
| Kodasalli ( U 1-3)                                      | HYDRO                                                          | KARNATAKA                          | 120.00                        | 93.08                                         |
| BRBC Power House(Installed Capacity included in Bhadra) | HYDRO                                                          | KARNATAKA                          |                               | 93.28                                         |
| Gerusoppa Power House ( U 1-4)                          | HYDRO                                                          | KARNATAKA                          | 240.00                        | 113.07                                        |
| Almatti Dam Power House ( U 1-6)                        | HYDRO                                                          | KARNATAKA                          | 290.00                        | 90.42                                         |
| MGHE, Jogfalls ( U 1-8)                                 | HYDRO                                                          | KARNATAKA                          | 120.00                        | 35.33                                         |

| Name of the Utility/Power Station                        | Energy Source-<br>Coal/ Gas/<br>Naptha/ LSHS/<br>Diesel/ Hydro | State where the unit is<br>located | Installed<br>Capacity<br>(MW) | Cost of<br>Generation/<br>Unit<br>(Paise/Kwh) |
|----------------------------------------------------------|----------------------------------------------------------------|------------------------------------|-------------------------------|-----------------------------------------------|
| Sivasamundrum ( U 1-10)                                  | HYDRO                                                          | KARNATAKA                          | 42.00                         | 46.43                                         |
| Munirabad ( U 1-3)                                       | HYDRO                                                          | KARNATAKA                          | 17.20                         | 32.01                                         |
| Shimshapura ( U 1-2)                                     | HYDRO                                                          | KARNATAKA                          | 17.00                         | 46.43                                         |
| Raichur T.P.S. Stage-I & II ( U 1-7)                     | THERMAL-C                                                      | KARNATAKA                          | 1470.00                       | 214.83                                        |
| D G Plant Yelahanka ( U 1-6)                             | THERMAL-DG                                                     | KARNATAKA                          | 127.92                        | 696.43                                        |
| <b>PUDUCHERRY POWER CORPORATION LTD.</b>                 |                                                                |                                    |                               |                                               |
| Karaikal Combined Cycle Gas Power Plant                  | THERMAL-G                                                      | PUDUCHERRY                         | 32.50                         | 185.00                                        |
| <b>TAMIL NADU ELECTRICITY BOARD</b>                      |                                                                |                                    |                               |                                               |
| Ennore                                                   | THERMAL-C                                                      | TAMIL NADU                         | 450.00                        | 380.16                                        |
| Mettur                                                   | THERMAL-C                                                      | TAMIL NADU                         | 840.00                        | 186.67                                        |
| Tuticorin                                                | THERMAL-C                                                      | TAMIL NADU                         | 1050.00                       | 207.90                                        |
| North Chennai                                            | THERMAL-C                                                      | TAMIL NADU                         | 630.00                        | 219.81                                        |
| Basin Bridge                                             | THERMAL-N                                                      | TAMIL NADU                         | 120.00                        | 2541.08                                       |
| Kovilkalappal                                            | THERMAL-G                                                      | TAMIL NADU                         | 107.88                        | 162.60                                        |
| Valuthur                                                 | THERMAL-G                                                      | TAMIL NADU                         | 95.00                         | 194.21                                        |
| Kuttalam                                                 | THERMAL-G                                                      | TAMIL NADU                         | 101.00                        | 250.87                                        |
| Wind                                                     | WIND                                                           | TAMIL NADU                         | 19.36                         | 1163.39                                       |
| Pykara                                                   | HYDRO                                                          | TAMIL NADU                         | 69.95                         | 46.00                                         |
| Pykara Micro                                             | HYDRO                                                          | TAMIL NADU                         | 2.00                          | 64.27                                         |
| Moyar                                                    | HYDRO                                                          | TAMIL NADU                         | 36.00                         | 25.61                                         |
| Maravakandy                                              | HYDRO                                                          | TAMIL NADU                         | 0.75                          | 166.18                                        |
| Kundah I                                                 | HYDRO                                                          | TAMIL NADU                         | 60.00                         | 19.72                                         |
| Kundah II                                                | HYDRO                                                          | TAMIL NADU                         | 175.00                        | 17.44                                         |
| Kundah III                                               | HYDRO                                                          | TAMIL NADU                         | 180.00                        | 28.95                                         |
| Kundah IV                                                | HYDRO                                                          | TAMIL NADU                         | 100.00                        | 38.89                                         |
| Kundah V                                                 | HYDRO                                                          | TAMIL NADU                         | 40.00                         | 52.40                                         |
| Parson Valley                                            | HYDRO                                                          | TAMIL NADU                         | 30.00                         | 391.25                                        |
| Mettur Dam                                               | HYDRO                                                          | TAMIL NADU                         | 40.00                         | 65.94                                         |
| Mettur Tunnel                                            | HYDRO                                                          | TAMIL NADU                         | 200.00                        | 3.16                                          |
| Barriage I to IV                                         | HYDRO                                                          | TAMIL NADU                         | 120.00                        | 73.12                                         |
| Bavani Sagar RBC                                         | HYDRO                                                          | TAMIL NADU                         | 8.00                          | 149.37                                        |
| Lower Bhavani Sagar                                      | HYDRO                                                          | TAMIL NADU                         | 8.00                          | 159.63                                        |
| Poonachi Micro                                           | HYDRO                                                          | TAMIL NADU                         | 1.00                          | 503.81                                        |
| Sathanoor                                                | HYDRO                                                          | TAMIL NADU                         | 7.50                          | 1144.05                                       |
| Mukurthy                                                 | HYDRO                                                          | TAMIL NADU                         | 0.70                          | 90.84                                         |
| Thirumurthy Dam                                          | HYDRO                                                          | TAMIL NADU                         | 1.95                          | 844.12                                        |
| Periyar                                                  | HYDRO                                                          | TAMIL NADU                         | 140.00                        | 32.14                                         |
| Vaigai                                                   | HYDRO                                                          | TAMIL NADU                         | 6.00                          | 45.49                                         |
| Suruliyar                                                | HYDRO                                                          | TAMIL NADU                         | 35.00                         | 64.59                                         |
| Papanasam                                                | HYDRO                                                          | TAMIL NADU                         | 28.00                         | 35.77                                         |
| Servalar                                                 | HYDRO                                                          | TAMIL NADU                         | 20.00                         | 88.53                                         |
| Sarkarpathy                                              | HYDRO                                                          | TAMIL NADU                         | 30.00                         | 8.97                                          |
| Aliyar                                                   | HYDRO                                                          | TAMIL NADU                         | 60.00                         | 18.64                                         |
| Kadamparai                                               | HYDRO                                                          | TAMIL NADU                         | 400.00                        | 5662.98                                       |
| Sholayar I                                               | HYDRO                                                          | TAMIL NADU                         | 70.00                         | 6.30                                          |
| Sholayar II                                              | HYDRO                                                          | TAMIL NADU                         | 25.00                         | 16.59                                         |
| Kodayar I                                                | HYDRO                                                          | TAMIL NADU                         | 60.00                         | 36.65                                         |
| Kodayar II                                               | HYDRO                                                          | TAMIL NADU                         | 40.00                         | 52.61                                         |
| Lower Aliyar                                             | HYDRO                                                          | TAMIL NADU                         | 2.50                          | 755.02                                        |
| Pykara Ultimate                                          | HYDRO                                                          | TAMIL NADU                         | 150.00                        | 215.84                                        |
| Bhavani Kattalai                                         | HYDRO                                                          | TAMIL NADU                         | 30.00                         | 5.06                                          |
| <b>EASTERN REGION</b>                                    |                                                                |                                    |                               |                                               |
| <b>BIHAR STATE HYDROELECTRIC POWER COR.</b>              |                                                                |                                    |                               |                                               |
| Sone Westrn Link Canal H. E. Project, Dehri-On-Sone      | HYDRO                                                          | BIHAR                              | 6.60                          | 253.00                                        |
| Sone Eastern Link Canal H.E. Project, Barun (Aurangabad) | HYDRO                                                          | BIHAR                              | 3.30                          | 253.00                                        |
| Eastern Gandak Canal H. E. PROJECT, Valmikinagar         | HYDRO                                                          | BIHAR                              | 15.00                         | 307.00                                        |
| Kosi Hydel Power Station Katalya, Birpur (Supaul)        | HYDRO                                                          | BIHAR                              | 19.20                         | 52.00                                         |

| Name of the Utility/Power Station                 | Energy Source-<br>Coal/ Gas/<br>Naptha/ LSHS/<br>Diesel/ Hydro | State where the unit is<br>located | Installed<br>Capacity<br>(MW) | Cost of<br>Generation/<br>Unit<br>(Paise/Kwh) |
|---------------------------------------------------|----------------------------------------------------------------|------------------------------------|-------------------------------|-----------------------------------------------|
| <b>GOVT. OF SIKKIM, ENERGY &amp; POWER DEPTT.</b> |                                                                |                                    |                               |                                               |
| L L H P (Lower Lagyap)                            | HYDRO                                                          | SIKKIM                             | 12.00                         | 111.54                                        |
| Rimbi - I                                         | HYDRO                                                          | SIKKIM                             | 0.60                          | 1063.89                                       |
| Rongnichu -II                                     | HYDRO                                                          | SIKKIM                             | 2.50                          | 570.98                                        |
| Meyong                                            | HYDRO                                                          | SIKKIM                             | 4.00                          | 87.73                                         |
| Kalez                                             | HYDRO                                                          | SIKKIM                             | 2.00                          | 242.31                                        |
| D P H (Gangtok DG)                                | THERMAL-DG                                                     | SIKKIM                             | 4.00                          | 2810.91                                       |
| <b>ORISSA HYDRO POWER CORP. LTD.</b>              |                                                                |                                    |                               |                                               |
| Hirakud Power System                              | HYDRO                                                          | ORISSA                             | 347.50                        | 75.50                                         |
| Rengali H. E. Project                             | HYDRO                                                          | ORISSA                             | 250.00                        | 47.48                                         |
| Upper Indravati H. E. Project                     | HYDRO                                                          | ORISSA                             | 600.00                        | 36.11                                         |
| Upper Kolab H. E. Project                         | HYDRO                                                          | ORISSA                             | 320.00                        | 26.86                                         |
| Balimela H. E. Project                            | HYDRO                                                          | ORISSA                             | 360.00                        | 21.05                                         |
| <b>ORISSA POWER GENERATION CORP. LTD.</b>         |                                                                |                                    |                               |                                               |
| Ib Thermal Power Station, Banarpali               | THERMAL-C                                                      | ORISSA                             | 420.00                        | 90.02                                         |
| <b>WEST BENGAL POWER DEVELOP. CORP. LTD.</b>      |                                                                |                                    |                               |                                               |
| Kolaghat Thermal Power Station (U 1-6)            | THERMAL-C                                                      | WEST BENGAL                        | 1260.00                       | 168.49                                        |
| Bakreswar Thermal Power Station (U 1-3)           | THERMAL-C                                                      | WEST BENGAL                        | 630.00                        | 172.66                                        |
| Bandel Thermal Power Station (U 1-5)              | THERMAL-C                                                      | WEST BENGAL                        | 450.00                        | 221.92                                        |
| Santalidih Thermal Power Station (U 1-4)          | THERMAL-C                                                      | WEST BENGAL                        | 480.00                        | 208.97                                        |
| <b>WEST BENGAL STATE ELEC. DIS.COM. LTD.</b>      |                                                                |                                    |                               |                                               |
| Jaldhaka H E P                                    | HYDRO                                                          | WEST BENGAL                        | 35.00                         | 91.53                                         |
| Ramam H E P                                       | HYDRO                                                          | WEST BENGAL                        | 51.00                         | 87.31                                         |
| Teesta Canal Fallas                               | HYDRO                                                          | WEST BENGAL                        | 67.50                         | 1736.78                                       |
| Other Hydel                                       | HYDRO                                                          | WEST BENGAL                        | 14.20                         | 403.17                                        |
| Rudranagar                                        | THERMAL-DG                                                     | WEST BENGAL                        | 0.50                          | 1235.29                                       |
| <b>NORTH EASTERN REGION</b>                       |                                                                |                                    |                               |                                               |
| <b>ARUNACHAL PRADESH</b>                          |                                                                |                                    |                               |                                               |
|                                                   | HYDRO                                                          | ARUNACHAL PRADESH                  | 34.24                         | 118.88                                        |
| <b>ASSAM POWER GEN. CORPORATION LTD.</b>          |                                                                |                                    |                               |                                               |
| Namrup T.P.S                                      | THERMAL-G                                                      | ASSAM                              | 119.50                        | 109.82                                        |
| Lakwa T.P.S                                       | THERMAL-G                                                      | ASSAM                              | 120.00                        | 139.23                                        |
| <b>MEGHALAYA STATE ELEC. BOARD</b>                |                                                                |                                    |                               |                                               |
| MeSEB Hydel Power Station                         | HYDRO                                                          | MEGHALAYA                          | 185.20                        | 132.40                                        |
| <b>NAGALAND DEPTT. OF POWER</b>                   |                                                                |                                    |                               |                                               |
| D. G. Set Kma (As Standby)                        | THERMAL-DG                                                     | NAGALAND                           | 0.70                          | 592.00                                        |
| Likimro HEP                                       | HYDRO                                                          | NAGALAND                           | 24.00                         | 212.00                                        |
| Dzuza MHP                                         | HYDRO                                                          | NAGALAND                           | 1.50                          | 198.00                                        |
| Duilumroi -I                                      | HYDRO                                                          | NAGALAND                           | 0.54                          | 211.00                                        |
| Duilumroi-II                                      | HYDRO                                                          | NAGALAND                           | 0.20                          | 211.00                                        |
| Telangao MHP                                      | HYDRO                                                          | NAGALAND                           | 0.60                          | 215.00                                        |
| <b>TRIPURA STATE ELECTRICITY BOARD</b>            |                                                                |                                    |                               |                                               |
| Rohit Gas Thermal Project                         | THERMAL-G                                                      | TRIPURA                            | 74.00                         | 178.89                                        |
| Baramura Gas Thermal Project                      | THERMAL-G                                                      | TRIPURA                            | 21.00                         | 135.87                                        |
| Gumti Hydel Project                               | HYDRO                                                          | TRIPURA                            | 15.00                         | 30.22                                         |
| <b>PRIVATE</b>                                    |                                                                |                                    |                               |                                               |
| <b>D L F POWER LIMITED</b>                        |                                                                |                                    |                               |                                               |
| Adamtilla                                         | THERMAL-G                                                      | ASSAM                              | 9.00                          | 288.09                                        |
| Banskandi                                         | THERMAL-G                                                      | ASSAM                              | 15.50                         | 207.20                                        |
| Rajrappa                                          | THERMAL-C                                                      | JHARKHAND                          | 11.00                         | 391.32                                        |
| Gidi                                              | THERMAL-C                                                      | JHARKHAND                          | 11.00                         | 413.75                                        |
| Madhuband                                         | THERMAL-C                                                      | JHARKHAND                          | 11.00                         | 779.79                                        |

| Name of the Utility/Power Station                                                                                     | Energy Source-<br>Coal/ Gas/<br>Naptha/ LSHS/<br>Diesel/ Hydro | State where the unit is<br>located | Installed<br>Capacity<br>(MW) | Cost of<br>Generation/<br>Unit<br>(Paise/Kwh) |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------|-------------------------------|-----------------------------------------------|
| <b>DURGAPUR PROJECTS LIMITED</b>                                                                                      |                                                                |                                    |                               |                                               |
| Durgapur Projects Power Station                                                                                       | THERMAL-C                                                      | WEST BENGAL                        | 401.00                        | 195.00                                        |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>ESSAR POWER LIMITED,HAZIRA</b>                                                                                     |                                                                |                                    |                               |                                               |
| Essar Power Limited,Hazira                                                                                            | THERMAL-G                                                      | GUJRAT                             | 515.00                        | 217.00                                        |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>G M R ENERGY LIMITED</b>                                                                                           |                                                                |                                    |                               |                                               |
| G M R Energy Ltd.                                                                                                     | THERMAL-N                                                      | KARNATAKA                          | 220.00                        | 819.00                                        |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>G M R POWER CORPORATION PVT. LTD.</b>                                                                              |                                                                |                                    |                               |                                               |
| G M R Power Corporation Limited                                                                                       | THERMAL-L                                                      | TAMILNADU                          | 200.00                        | 626.00                                        |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>GUJARAT INDUSTRIES POWER COM. LTD.</b>                                                                             |                                                                |                                    |                               |                                               |
| 145MW Power Plant (Station-I)                                                                                         | THERMAL-G                                                      | GUJARAT                            | 145.00                        | 136.00                                        |
| 160MW Power Plant(Station-II)                                                                                         | THERMAL-G                                                      | GUJARAT                            | 160.00                        | 222.00                                        |
| Surat Lignite Power Plant(SLPP)                                                                                       | THERMAL-L                                                      | GUJARAT                            | 250.00                        | 187.00                                        |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>GUJ. PAGUTHAN ENERGY COR. PVT. LTD.</b>                                                                            |                                                                |                                    |                               |                                               |
| Paguthan CCPP                                                                                                         | THERMAL-G                                                      | GUJARAT                            | 654.73                        | 218.69                                        |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>G V K INDUSTRIES LIMITED</b>                                                                                       |                                                                |                                    |                               |                                               |
| Jegurupadu Combined Cycle Power Plant                                                                                 | THERMAL-G                                                      | ANDHRA PRADESH                     | 216.82                        | 201.00                                        |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>HINDALCO INDUSTRIES LIMITED</b>                                                                                    |                                                                |                                    |                               |                                               |
| Hirakud Power                                                                                                         | THERMAL-C                                                      | ORISSA                             | 267.50                        | 89.50                                         |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>HINDALCO INDUSTRIES LIMITED</b>                                                                                    |                                                                |                                    |                               |                                               |
| Renusagar Power Division (Captive Power Plant)                                                                        | THERMAL-C                                                      | UTTAR PRADESH                      | 741.70                        | 138.08                                        |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>JAIPRAKASH HYDRO-POWER LIMITED</b>                                                                                 |                                                                |                                    |                               |                                               |
| Vishnuprayag HEP                                                                                                      | HYDRO                                                          | UTTARAKHAND                        | 400.00                        | 143.00                                        |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>JAIPRAKASH POWER VENTURES LIMITED</b>                                                                              |                                                                |                                    |                               |                                               |
| Baspa II HEP                                                                                                          | HYDRO                                                          | HIMACHAL PRADESH                   | 300.00                        | 161.00                                        |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>JSW ENERGY LTD. (JINDAL TH. POWER . CO. LTD.)</b>                                                                  |                                                                |                                    |                               |                                               |
| JSWEL (Coal & furnace gas)                                                                                            | THERMAL-C                                                      | KARNATAKA                          | 260.00                        | 232.00                                        |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>MADURAI POWER COR. PVT LTD. (Balaji.)</b>                                                                          |                                                                |                                    |                               |                                               |
| Madurai Power Corporation Pvt. Ltd.                                                                                   | THERMAL-L                                                      | TAMIL NADU                         | 105.00                        | 632.00                                        |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>MALANA POWER COMPANY LTD.</b>                                                                                      |                                                                |                                    |                               |                                               |
| Malana H E P                                                                                                          | HYDRO                                                          | H. P.                              | 86.00                         | 141.54                                        |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>RELIANCE ENERGY LTD.</b>                                                                                           |                                                                |                                    |                               |                                               |
| Dahanu Thermal Power Station (DTPS)                                                                                   | THERMAL-C                                                      | MAHARASHTRA                        | 500.00                        | 196.00                                        |
| REL-Goa                                                                                                               | THERMAL-N                                                      | GOA                                | 48.00                         | 736.00                                        |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>RELIANCE ENERGY LTD.</b>                                                                                           |                                                                |                                    |                               |                                               |
| Samalkot Power Station                                                                                                | THERMAL-G                                                      | ANDHRA PRADESH                     | 220.00                        | 939.77                                        |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>SAMALPATTI POWER COMPANY PVT. LTD.</b>                                                                             |                                                                |                                    |                               |                                               |
| Samalpatti Power Company Pvt. Ltd.                                                                                    | THERMAL-L                                                      | TAMIL NADU                         | 105.66                        | 695.43                                        |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>TATA POWER COMPANY LIMITED</b>                                                                                     |                                                                |                                    |                               |                                               |
| Thermal Power Station Trmbay Gen. Stn.,Chembur                                                                        | THERMAL-C                                                      | MAHARASHTRA                        | 1330.00                       | 273.00                                        |
| Jojobera Power Plant,Jamshedpur                                                                                       | THERMAL-C                                                      | JHARKHAND                          | 427.50                        | 80.00                                         |
| DG Based Power Plant,Belgaum                                                                                          | THERMAL-DG                                                     | KARNATAKA                          | 81.30                         | 505.00                                        |
|                                                                                                                       |                                                                |                                    |                               |                                               |
| <b>TORRENT POWER LTD.</b>                                                                                             |                                                                |                                    |                               |                                               |
| Sabarmati Power House                                                                                                 | THERMAL-C                                                      | GUJARAT                            | 400.00                        |                                               |
| CCPP-Vetwa                                                                                                            | THERMAL-G                                                      | GUJARAT                            | 100.00                        |                                               |
| <b>Total (Torrent Power Ltd.)</b>                                                                                     |                                                                |                                    | <b>500.00</b>                 | <b>237.00</b>                                 |
| Note :-                                                                                                               |                                                                |                                    |                               |                                               |
| 1. C: Coal; CA: Captive; DG: Diesel Generator; G: Gas; L: LSHS; LIG: Lignite; MIC: Micro; N: Nathpa & NG: Natural Gas |                                                                |                                    |                               |                                               |