

ACTUAL ENERGY CONSUMPTION INCLUDING LOSSES VIS-À-VIS PEAK DEMAND

| Year | Peak Demand (In MW) | Energy Consumption (In MkwH) |
|---------|---------------------|------------------------------|
| 2000-01 | 120.90 | 764.40 |
| 2001-02 | 148.47 | 786.89 |
| 2002-03 | 179.26 | 947.92 |
| 2003-04 | 192.20 | 1080.11 |
| 2004-05 | 196.81 | 1393.30 |
| 2005-06 | 197.10 | 1386.11 |

Note : The energy consumption during 2005-06 as compared to 2004-05 is lower because of non-availability of power due to less rainfall & inter-state transmission constraints

UNRESTRICTED ENERGY REQUIREMENT VIS-À-VIS PEAK DEMAND

| YEAR | EXPECTED PEAK DEMAND (in MW) | | | ESTIMATED ENERGY REQUIREMENT (in MkwH) | | |
|---------|--|----------------------|----------|--|----------------------|-----------|
| | OTHER CONSUMERS IN THE STATE + ASEB HT | IHT & EHT INDUSTRIAL | TOTAL | OTHER CONSUMERS IN THE STATE + ASEB HT | IHT & EHT INDUSTRIAL | TOTAL |
| 2006-07 | 160.000 | 334.000 | 494.000 | 913.230 | 2925.840 | 3839.070 |
| 2007-08 | 176.000 | 367.400 | 543.400 | 992.435 | 3218.424 | 4210.859 |
| 2008-09 | 193.600 | 404.140 | 597.740 | 1080.539 | 3540.266 | 4620.805 |
| 2009-10 | 212.960 | 444.554 | 657.514 | 1174.644 | 3894.293 | 5068.937 |
| 2010-11 | 234.256 | 489.009 | 723.265 | 1277.008 | 4283.719 | 5560.727 |
| 2011-12 | 257.682 | 537.910 | 795.592 | 1388.364 | 4712.092 | 6100.456 |
| 2012-13 | 283.450 | 591.701 | 875.151 | 1509.507 | 5183.301 | 6692.808 |
| 2013-14 | 311.795 | 650.871 | 962.666 | 1641.303 | 5701.630 | 7342.933 |
| 2014-15 | 342.975 | 715.958 | 1058.933 | 1784.700 | 6271.792 | 8056.492 |
| 2015-16 | 377.273 | 787.554 | 1164.827 | 1940.725 | 6898.971 | 8839.697 |
| 2016-17 | 415.000 | 866.309 | 1281.309 | 2110.499 | 7588.867 | 9699.365 |
| 2017-18 | 456.500 | 952.940 | 1409.440 | 2295.242 | 8347.754 | 10642.997 |
| 2018-19 | 502.150 | 1048.234 | 1550.384 | 2496.290 | 9182.530 | 11678.820 |
| 2019-20 | 552.365 | 1153.057 | 1705.422 | 2715.090 | 10100.779 | 12815.869 |
| 2020-21 | 607.602 | 1268.363 | 1875.965 | 2953.223 | 11110.860 | 14064.083 |
| 2021-22 | 668.362 | 1395.199 | 2063.561 | 3212.412 | 12221.943 | 15434.355 |
| 2022-23 | 735.198 | 1534.719 | 2269.917 | 3494.532 | 13444.138 | 16938.670 |
| 2023-24 | 808.718 | 1688.191 | 2496.909 | 3801.630 | 14788.553 | 18590.183 |
| 2024-25 | 889.590 | 1857.010 | 2746.600 | 4135.932 | 16267.408 | 20403.339 |