

1. HIGHLIGHTS OF POWER SECTOR

a Installed Generation Capacity (As on 31-07-08)

All India	Thermal				Nuclear	Hydro (Renewable)	RES** (MNRE)	Grand Total
	Coal	Gas	Diesel	Total				
MW	77198.88	14716.01	1199.75	93114.64	4120.00	36158.76	12194.57	145587.97
%age	53.03	10.11	0.82	63.96	2.83	24.84	8.38	100.00

**Based on data as on 31.03.2008.

b Capacity Addition Target during 11th Plan

	Hydro	Thermal	Nuclear	Total
MW	15627	59693	3380	78700
%age	19.9	75.8	4.3	100.0

c Generation Capacity Addition Target/Achievement (2008-09)

	Hydro	Thermal	Nuclear	Total
<u>Target</u> (MW)	1097.0	9304.2	660.0	11061.2
<u>Achievement up to JULY' 08</u> (MW)	250.0	1319.8	0.0	1569.8
%age	22.8	14.2	0.0	14.2

d Electricity Generation Programme/achievement (2008-09)

	Hydro	Thermal	Nuclear	Bhutan (Imp)	Total
<u>Programme</u> MU	118450	631270	19000	5624	774344
<u>Achievement up to JULY' 08</u> MU	41420.4	191002.85	5352.86	2357.28	240133.42
%age	34.97	30.26	28.17	41.91	31.01

e Status of CEA Concurrence to Hydro Schemes

Period	Project report received	Carry forward from Prev. year	Under Prelim. Exam	Accepted for concurrence	Concurrence given by CEA	Project reports returned to Developer
2007-08	13	-	-	3	4	10
2008-09 up to JULY' 08	4	3	3	-	2	2

f All India Thermal PLF (%)

2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09 (UP TO JULY' 08)*
69.9	72.2	72.7	74.8	73.6	76.8	78.6	75.99

* Provisional

g All India Annual per Capita consumption of Electricity

Year	Per Capita Consumption (kWh) (As per U. N. methodology)
2002-03	566.7
2003-04	592.0
2004-05	612.5
2005-06	631.5
2006-07	671.9
2007-08	704.2

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#	28.61	32.07
2007-08\$	26.91	NA

* PFC Figs. # Provisional \$ Estimated

- i a) All India Village Electrification (as on 30.06. 2008):** 488353 (82.3%)
b) Pumpssets Energised (as on 30.06. 2008): 15669253 (80.0%)

j All India Coal Consumption for Power Generation (Utilities)

YEAR	Coal Consumption (Million Tonnes)
2001-02	240
2002-03	253
2003-04	263
2004-05	278
2005-06	280
2006-07	302
2007-08	330

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

Year	cost of supply (paise/unit)	realization(paise/unit)	
		Including Agriculture	Only Agriculture
2001-02	246	181	58.67
2002-03	238	195	77.48
2003-04	239	203	72.39
2004-05	253	208	72.44
2005-06	257	220	77.80

i Power Supply Position 2008-09 (APRIL'08-JULY' 08)

Region	Energy(MU) Requirement	Deficit%	Peak Demand(MW)	Deficit%
Northern	71,289	-9.3	32,616	-9.8
Western	84,108	-16.4	37,171	-25.7
Southern	67,959	-5.8	26,640	-6.0
Eastern	27,418	-5.7	11,655	-7.8
North Eastern	3,150	-14.9	1,744	-23.0
All India	253,924	-10.4	106,922	-14.6