

## I. HIGHLIGHTS OF POWER SECTOR

### a Installed Generation Capacity (As on 31-03-11)

All India	Thermal				Nuclear	Hydro (Renewable)	RES@ (MNRE)	Grand Total
	Coal	Gas	Diesel	Total				
MW	93918.38	17706.35	1199.75	112824.48	4780.00	37567.40	18454.52	173626.40
%age	54.1	10.2	0.7	65.0	2.8	21.6	10.6	100.0

@ Based on data as on 31.03.2010.

### 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 (2010-11)

	Hydro	Thermal	Nuclear	Total
<b>Target</b> (MW)	1466.0	18755.2	1220.0	21441.2
<b>Achievment upto Mar. 11</b> (MW)	690.0	11250.5	220.0	12160.5
%age	47.1	60.0	18.0	56.7

### d Electricity Generation Target/achievement (2010-11)

	Hydro	Thermal	Nuclear	Bhutan (Imp)	Total
<b>Target</b> MU	111352	690856.5	22000	6548	830756.5
<b>Achievment upto Mar. 11</b> MU	114295.7	664913.61	26284.8	5610.05	811104.12
%age	102.64	96.24	119.48	85.68	97.63

### e Status of CEA Concurrence to Hydro Schemes

Period	Project report received	Carry forward from Prev. year	Under Prelim. Exam	Accepted for concur- rence	Concurrence	Project reports
					given by CEA	returned to Developer
2007-08	13	-	-	3	4	10
2008-09	8	3	-	1	4	5
2009-10	19	10	2	9	3	6
2010-11	22	20	3	7	7	20

### f All India Thermal PLF (%)

2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11 *
72.2	72.7	74.8	73.6	76.8	78.6	77.2	77.48	upto Mar. 11 75.07

provisional\*

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

Year	Per Capita Consumption ( kWh)	
	(As per U. N. methodology)	
2002-03		566.69
2003-04		592.00
2004-05		612.50
2005-06		631.50
2006-07		671.89
2007-08		717.13
2008-09		733.54

**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	33.02
2006-07	28.65	30.59
2007-08	27.20	29.24
2008-09	25.47	28.44
* PFC Figs.		

**i a) All India Village Electrification (as on 28.02. 2011):**

537888 (90.6%)

**b) Pumpssets Energised (as on 28.02. 2011):**

17161514 (85.5%)

**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
2008-09	355

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

Year	cost of supply (paise/unit)	realization(paise/unit)	
		Including	Only
		Agriculture	Agriculture
2001-02	246	181	58.67
2002-03	238	195	77.48
2003-04	239	203	72.39
2004-05	254	209	75.68
2005-06	258	221	79.37
2006-07	276	227	71.32

Source:- PFC Reports on the performance of State Power Utilities

**l Power supply Position 2010-11(MARCH,11)\***

Region	Energy(MU) Requirement	Deficit %	Peak Demand(MW)	Deficit %
Northern	22,168	-4.7	34,856	-8.8
Western	25,400	-12.3	40,798	-14.7
Southern	23,037	-6.0	33,225	-6.3
Eastern	8,076	-4.4	14,528	-11.4
North Eastern	829	-6.5	1,670	-6.9
All India	79,510	-7.5	125,077	-10.3

\* Provisional