

1. HIGHLIGHTS OF POWER SECTOR

a Installed Generation Capacity (As on 30-04-11)

All India	Thermal				Nuclear	Hydro (Renewable)	RES@ (MNRE)	Grand Total
	Coal	Gas	Diesel	Total				
MW	94653.38	17706.35	1199.75	113559.48	4780.00	37567.40	18454.52	174361.40
%age	54.3	10.2	0.7	65.1	2.7	21.5	10.6	100.0

@ Based on data as on 31.01.2011.

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 (2011-12)

	Hydro	Thermal	Nuclear	Total
Target (MW)	2080.0	14111.0	1000.0	17191.0
Achievement April,11 (MW)	0.0	735.0	0.0	735.0
%age	0.0	5.2	0.0	4.3

d Electricity Generation Target/achievement (2011-12)

	Hydro	Thermal	Nuclear	Bhutan (Imp)	Total
Target MU	112050	712234	25130	5586	855000
Achievement April,11 MU	8874.87	60014.14	2659.67	112.2	71660.88
%age	7.92	8.43	10.58	2.01	8.38

e Status of CEA Concurrence to Hydro Schemes

Period	Project report received	Carry forward from Prev. year	Under Prelim. Exam	Accepted for concurrence	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	1	26	1	6	-	11

f All India Thermal PLF (%)

2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12 *
72.7	74.8	73.6	76.8	78.6	77.2	77.48	75.07	upto April 11 79.35

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.		

i a) All India Village Electrification (as on 31.03. 2011):

537947 (90.6%)

b) Pumpsets Energised (as on 31.03. 2011):

17167631 (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 2011-12(APR,11)*

Region	Energy(MU)	Deficit%	Peak	Deficit%
	Requirement		Demand(MW)	
Northern	20,665	-4.7	34,895	-9.8
Western	24,063	-11.6	39,530	-14.8
Southern	21,317	-6.9	33,585	-6.2
Eastern	7,963	-4.3	14,561	-12.8
North Eastern	835	-9.3	1,762	-10.3
All India	74,843	-7.6	124,333	-10.8

* Provisional