

1. HIGHLIGHTS OF POWER SECTOR

a Installed Generation Capacity (As on 31-08-11)

All India	Thermal				Nuclear	Hydro (Renewable)	RES@ (MNRE)	Grand Total
	Coal	Gas	Diesel	Total				
MW	99503.38	17706.35	1199.75	118409.48	4780.00	38206.40	20162.24	181558.12
%age	54.8	9.8	0.7	65.2	2.6	21.0	11.1	100.0

@ Based on data as on 30.06.2011.

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	14636.0	1000.0	17716.0
Achievement up to Aug.,11 (MW)	639.0	5730.0	0.0	6369.0
%age	30.7	39.2	0.0	36.0

d Electricity Generation Target/achievement (2011-12)

	Hydro	Thermal	Nuclear	Bhutan (Imp)	Total
Target MU	112050	712234	25130	5586	855000
Achievement up to Aug.,11 MU	62207.97	285665.74	13316.89	3090.42	364281.02
%age	55.52	40.11	52.99	55.32	42.61

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	8	3	-	1	4	5
2009-10	19	10	2	9	3	6
2010-11	22	20	3	7	7	20
2011-12	12	27	0	9	-	3

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 Aug. 11 73.41

provisional*

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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

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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.

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a) All India Village Electrification (as on 31.07. 2011):

539127

b) Pumpsets Energised (as on 31.07. 2011):

17474588

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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

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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	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

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Power supply Position 2011-12(AUGUST,11)*

Region	Energy(MU) Requirement	Deficit %	Peak Demand(MW)	Deficit %
Northern	24,842	-4.4	40,838	-10.1
Western	20,264	-7.4	33,993	-11.5
Southern	20,270	-3.0	30,893	-4.4
Eastern	8,844	-3.6	14,566	-6.4
North Eastern	1,048	-9.4	1,905	-10.9
All India	75,268	-4.8	122,195	-8.6

* Provisional