

1. HIGHLIGHTS OF POWER SECTOR

a Installed Generation Capacity (As on 31-12-11)

All India	Thermal				Nuclear	Hydro (Renewable)	RES@ (MNRE)	Grand Total
	Coal	Gas	Diesel	Total				
MW	104021.38	17742.85	1199.75	122963.98	4780.00	38748.40	20162.24	186654.62
%age	55.7	9.5	0.6	65.9	2.6	20.8	10.8	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 Dec.,11 (MW)	1181.0	10284.5	0.0	11465.5
%age	56.8	70.3	0.0	64.7

d Electricity Generation Target/achievement (2011-12)

	Hydro	Thermal	Nuclear	Bhutan (Imp)	Total
Target MU	112050	712234	25130	5586	855000
Achievement up to Dec.,11 MU	107513.2	517115.26	23789.55	5028.28	653446.25
%age	95.95	72.60	94.67	90.02	76.43

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	17	22	3	9	5	5

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	72.10

provisional*

g All India Annual per Capita consumption of Electricity

Year	Per Capita Consumption (kWh)	
	(As per U. N. methodology)	
2003-04		592.0
2004-05		612.5
2005-06		631.5
2006-07		671.9
2007-08		717.1
2008-09		734.5
2009-10		779* *provisional

h All India Transformation, T&D and AT&C losses :

Year	T&D losses(DMLF CEA)	AT&C Losses(PFC)
2003-04	32.53	34.78
2004-05	31.25	34.33
2005-06	30.42	33.02
2006-07	28.65	30.62
2007-08	27.20	29.45
2008-09	25.47	27.74
2009-10	NA	27.15

i a) All India Village Electrification (as on 30.11. 2011):

548873

b) Pumpsets Energised (as on 30.11. 2011):

17770741

j All India Coal Consumption for Power Generation (Utilities)

YEAR	Coal Consumption (Million Tonnes)	
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
2003-04	239	203	72.39
2004-05	254	209	75.68
2005-06	260	221	76.36
2006-07	276	227	74.23
2007-08	293	239	77.27
2008-09	341	262	85.26
2009-10	354	268	89.05

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

l Power supply Position 2011-12(DECEMBER,11)*

Region	Energy(MU) Requirement	Deficit%	Peak Demand(MW)	Deficit%
Northern	22,266	-9.1	36,918	-13.3
Western	28,833	-14.8	42,089	-17.8
Southern	21,744	-11.5	32,528	-12.7
Eastern	7,650	-4.0	13,680	-7.1
North Eastern	888	-9.9	1,767	-6.7
All India	81,381	-11.3	126,982	-13.9

* Provisional

