STATISTICAL DATA (ENERGY SECTION)

GROWTH OF INSTALLED CAPACITY

(Figures in MW)

	At the end of 11th Plan (March 2012)	Addition During Jan, 2013	As on 31.1.2013	Planned for 12th Plan	Planned for 13th Plan
THERMAL	131603.18	800.0	141713.68	72340.00	56400.00
HYDRO	38990.40	77.0	39416.40	10897.00	12000.00
NUCLEAR	4780.00	0.0	4780.00	5300.00	18000.00
RENEWABLE ENERGY SOURCES	24503.45		25856.14	30000.00	30500.00
TOTAL	**199877.03**	**877.0**	**211766.22**	**118537.00**	**116900.00**

Grid Interactive Generation Capacity (As on 31.3.2011) - 34444.12 MW

ALL INDIA REGION WISE INSTALLED CAPACITY (Figures in MW)

As on 31-1-2013

Region	Thermal	Hydro	Nuclear	RES	Total
Northern	36307.75	15467.75	1620	4623.24	58018.74
Western	51809.29	7447.50	1840	8450.04	69546.83
Southern	29684.60	11353.03	1320	12096.78	54454.41
Eastern	22815.08	3948.12	0	436.71	27199.91
N. Eastern	1026.94	1200.00	0	243.28	2470.22
Islands	70.02	0.0	0	6.10	76.12
All India	**141713.68**	**39416.40**	**4780**	**25856.14**	**211766.22**
Percentage	**66.9%**	**18.6%**	**2.3%**	**12.2%**	**100%**

SECTOR WISE INSTALLED CAPACITY AND GENERATION

As on 31-1-2013

SECTOR	INSTALLED CAPACITY (MW)					GENERATION (MU)
	THERMAL	NUCLEAR	HYDRO	RES	TOTAL	DURING – Jan. 2013
CENTRAL	48757.23	4780.00	9426.40	0.00	62963.63	**31903.08**
STATE	55378.43	0.0	27395.00	3569.92	86343.35	**30338.56**
PRIVATE	37578.02	0.0	2595.00	22286.22	62459.24	**16033.57**
TOTAL	**141713.68**	**4780.00**	**39416.40**	**25856.14**	**211766.22**	**78323.02***

*Includes 47.81 MU Import from Bhutan

GROWTH OF TRANSMISSION SECTOR

	Unit	At the end of 11th Plan (March 2012)*	Addition During Jan. 2013	As on 31.1.2013*	Expected addition during 12th Plan	Expected addition during 13th Plan
TRANSMISSION LINES						
765 kV	ckm	5250	0.0	6459		
+/- HVDC	ckm	9432	0.0	9432		
400 kV	ckm	106819	1488	114672		
230/220 kV	ckm	135980	511	139716		
Total Transmission Lines	**ckm**	**257481**	**1999**	**270279**	**109440**	**130,000**
SUBSTATIONS						
Total HVDC Terminal Capacity	MW	9750	0.0	11000	270,000	300,000
765 kV	MVA	25000	0.0	45000		
400 kV	MVA	151027	2460	163212		
230/220 kV	MVA	223774	4315	240274		
TOTAL	**MVA**	**409551**	**6775**	**459486**	**270,000**	**300,000**

**Source: CEA : Data modified due to change in policy*

RURAL ELECTRIFICATION / PER CAPITA CONSUMPTION

(As on 31-12-2012)

Total no. of Villages	593732
No. of Villages Electrified	558857
% of Villages Electrified	94.1%
No. of Pump-sets Energized	18658721
% of Pumps Energised	95.2%
Per Capita Consumption during 2010-11	*879.22 kWh

* Provisional

RE SECTOR IN INDIA: POTENTIAL AND ACHIEVEMENTS

[As on 31.12.2012]

Grid-Interactive Power Sector	Potential (MW)	Achievement (MW)
Wind	45195	18420.40
Small Hydro (up to 25 MW)	15000	3496.14
Bagasse Cogeneration	5000	2239.63
Biomass	16881	1248.60
Waste to Power	2700	96.08
Solar Power (SPV)	–	1176.25
Total	**84776**	**26677.10**
OFF GRID/CAPTIVE POWER		**803.306**