

16. विद्युत POWER (as on 31-3-2013)

Table 16.1: विद्युत क्षमता, उत्पादन व उपयोग

Electricity Generation and Consumption in A&N Islands

Particulars	2010-11	2011-12	2012-13
Installed Capacity(KWH)	81210	83710	104640
ग्रामीण Rural			40870
शहरी Urban			63770
Generation (KWH)	79778445	250353448	263300839
ग्रामीण Rural	61822379	65305302	71626321
शहरी Urban	17956066	185048146	191674518
Consumption (KWH)	187005151	198618184	206343160
ग्रामीण Rural	45730973	49222751	52007521
शहरी Urban	141274178	149395433	154335639
Requirement to meet the present demand(KW)		273892354	
Requirement to meet the future demand(KW)		300424136	
District-wise 2012-13			
क्षमता, उत्पादन व उपयोग	दक्षिण अण्डमान	उत्तर व मध्य अण्डमान	निकोबार
Particulars	South Andaman	N&M Andaman	Nicobar
Installed Capacity(KWH)	72120	20330	12.19
ग्रामीण Rural	8350	20330	12.19
शहरी Urban	63770	-	-
Generation (KWH)	207115656	37929358	18255825
ग्रामीण Rural	15441138	37929358	18255825
शहरी Urban	191674518	-	-
Consumption (KWH)	165878597	25878847	14585716
ग्रामीण Rural	11542958	25878847	14585716
शहरी Urban	154335639	-	-
Consumption (%)	80.38	12.55	7.07

Table 16.2 : District/Tehsil-wise Villages Electrified/Consumers in A&N Islands

Name of Tehsil/District	Villages Electrified (No.)	Household electrified*	No. of Consumers					Total
			Domestic	Non-Domestic	Industrial	Street light	Others	
उत्तर व मध्य अण्डमान								
N & M ANDAMAN	137	23770	23770	4220	89	199	280	28558
Diglipur	37		8962	1380	35	54	90	10521
Mayabunder & Rangat	100		14808	2840	54	145	190	18037
दक्षिण अण्डमान								
South Andaman	106	60988	60988	10942	386	381	905	73602
Port Blair & Ferrargunj	88		55543	10165	353	373	842	67276
Little Andaman	18		5445	777	33	8	63	6326
निकोबार Nicobar	98	8999	8999	1087	26	69	130	10311
Car Nicobar	16		4138	352	1	5	34	4530
Nancowrie	70		2630	388	10	26	50	3104
Campbell Bay	12		2231	347	15	38	46	2677
A & N Islands	341	93757	93757	16249	501	649	1315	112471

Table 16.3 : Power House, DG Set, Solar Power, Hydro Power

Items	दक्षिण अण्डमान South Andaman	उत्तर व मध्य अण्डमान N&M Andaman	निकोबार Nicobar	A&N Islands
Power house	16	12	25	53
DG set installed	60	47	69	176
Hydro power plant/ Project	-	1	-	1
- Capacity (KW)	-	5250	-	5250
- Generation(KW)	-	112025840	-	12025840

Table 16.4: **Power Plants, Transmission Lines, Power House & Transformer**

District/Tehsil	Type of Power Plants	Length of Transmission lines		Power House (No.)	Transformer	
		33KV/11KV(KM)	LT Line 415 KV (KM)		No.	capacity
उत्तर व मध्य अण्डमान N & M Andaman	Diesel/Hydro	514.16	1605.26	12	214	21526
North Andaman	Diesel/Hydro	210.30	692.37	6	82	7078
Middle Andaman (Mayabunder & Rangat)	Diesel	303.86	912.89	6	132	14448
दक्षिण अण्डमान South Andaman	Diesel	451.75	1639.83	16	506	109522
Port Blair	Diesel	369.71	1457.95	9	441	97887
Ferrargunj	Diesel	31.76	74.55	4	22	2356
Little Andaman	Diesel	50.28	107.33	3	43	8773
निकोबार Nicobar	Diesel	153.17	173.36	25	154	15183
Car Nicobar	Diesel	23.80	9.90	2	74	8129
Nancowrie	Diesel	71.45	93.81	16	42	3473
Campbell Bay	Diesel	57.92	69.65	7	38	3581
A & N Islands	Diesel/Hydro	1119.08	3418.45	53	874	145725

Table 16.5: **Per Capita consumption of Electricity, Transmission loss & Electrical Accident**

District/Tehsil	Per capita consumption of Electricity (KW)	Energy loss on Transformation/transmission (%)
उ. व म. अण्डमान N & M Andaman	245.20	29.10
North Andaman	244.83	26.36
Middle Andaman (Mayabunder & Rangat)	245.44	30.73
दक्षिण अण्डमान South Andaman	698.18	17.54
Port Blair & Ferrargunj	545.49	18.37
Little Andaman	369.90	23.92
निकोबार Nicobar	396.14	17.20
Car Nicobar	390.93	16.59
Nancowrie	396.38	16.85
Campbell Bay	440.32	18.70
A & N Islands	543.08	19.17