

POWER

Table—16.1

Electricity Generation and Consumption in A & N Islands

Particulars	2016-17	2017-18	2018-19	2019-20
Installed capacity (KWH)	109474	113720	120983	121215
ग्रामीण Rural	40624	41042	40244	40476
शहरी Urban	68850	72678	80739	80739
Generation (KWH)	310016497	318459430	336291477	349135659
ग्रामीण Rural	86191028	89348241	93417957	93703011
शहरी Urban	223825469	229111189	242873520	255432648
Consumption (KWH)	252883372	265678054	254675250	268504685
ग्रामीण Rural	69295328	70663034	69899774	71515299
शहरी Urban	183588044	1856 15020	184775476	196989386
Villages Electrified (No.)	341	341	341	341
Household Electrified (No.)	108761	110547	112014	116413
Total Consumers (No.)	130289	132234	133990	138979

District-wise 2019-20

Particulars	South Andaman	उ. और म. अण्डमान N & M Andaman	Nicobar
Installed capacity (KWH)	89955	20927	10333
ग्रामीण Rural	9216	20927	10333
शहरी Urban	80739	00	00
Generation (KWH)	284458573	47150590	17526496
ग्रामीण Rural	29025925	47150590	17526496
शहरी Urban	255432648	00	00
Consumption (KWH)	219642976	33791727	15069982
ग्रामीण Rural	22653590	33791727	15069982
शहरी Urban	196989386	00	00
Consumption (%)	81	12.5	5.6
Villages Electrified (No.)	106	137	98
Household Electrified (No.)	79395	28450	8568
Total Consumers (No.)	95084	33894	10001

Table —16.2

District / Tehsil-wise Villages

Electrified Consumers in A & N Islands

Name of Tehsil / District	विद्युतीकृत गाँव Villages Electrified	Household Electrified	No. of Connections					
			Domestic	Commercial	Industrial	Street Light	Others	Total
N & M Andaman	137	28450	28450	4664	104	175	501	33894
डिगलीपुर Diglipur	38		11395	1613	41	57	179	13285
मायाबंदर और रंगत Mayabunder & Rangat	99		17055	3051	63	118	322	20609
South Andaman	106	79395	79395	13395	336	476	1482	95084
पोर्ट ब्लेयर और फरारगंज Port Blair & Ferrargunj	88		73490	12666	316	436	1386	88294
लिटिल अण्डमान Little Andaman	18		5905	729	20	40	96	6790
Nicobar	98	8568	8568	1212	29	87	105	10001
कार निकोबार Car Nicobar	16		3905	404	2	9	24	4344
ननकौड़ी Nancowrie	70		2494	424	7	29	40	2994
कैम्पबेल बे Campbell Bay	12		2169	384	20	49	41	2663
A & N Islands	341	116413	116413	19271	469	738	2088	138979

Table —16.3

Power House, DG Set, Solar Power, Hydro Power

Items	South Andaman	N & M Andaman	Nicobar	A & N Islands
बिजलीघर Power House (No.)	21	12	20	53
डीजी सेट स्थापित DG Set installed (No.) #	79	34	41	154
Non-Conventional Sources of Energy				
सौर्य ऊर्जा स्थापित Solar Power Plant (No.)**	2	0	0	2
– क्षमता Capacity (KW)	28.92	0	0.31	29.23
– उत्पादन Generation (KW)	28.92	0	0.31	29.23
हाइड्रो पावर संयंत्र/परियोजना Hydro Power Plant / Project (No.)	0	1	0	1
– क्षमता Capacity (KW)	0	5.250	0	5.250
– उत्पादन Generation (KW)	0	8103796	0	8103796

#includes Govt. and Private ** Solar (Ground mounting 0 25.25 kw, Roof Top – 4.18 kw) NA-Not Available

Table—16.4 Consumption of Electricity (in MU) during 2019-20 (in MU)

Domestic	Commercial	Agriculture	Street Light	Industrial	*Others	Total
143.17	70.45	1.12	6.72	12.82	34.22	268.50

* Others include General purpose, Bulk Supply, Temple connection, Hostel etc.

Table —16.5

Power Plant, Transmission Lines, Power House & Transformer (31-03-2020)

District / Tehsil	Type of Power Plants	Length of Transmission Lines			Power House (No.)	DG Set No.	Transformer No.	
		33 KV (KM)	11 KV (KM)	Lt. Line 415 KVA (KM)			Power	Distribution
N & M Andaman	Diesel & Hydro	238	384	1783	12	34	14	245
South Andaman	Diesel & Hydro	240	392	1747	21	79	14	759
Nicobar	Diesel	0	224	252	20	41	10	149
A & N Islands		478	1000	3782	53	*154	38	1153

*includes Govt. & Private

Table —16.6

Per Capita Consumption of Electricity & Transmission Loss during (2019-2020)

District / Tehsil	Per capita Consumption of Electricity (KWH)	Energy loss on Transmission and Distribution (%)
N & M Andaman		
उत्तर अण्डमान North Andaman	294.429	24.31
मध्य अण्डमान Middle Andaman	337.01	00
मायाबंदर और रंगत Mayabunder & Rangat		
South Andaman		
पोर्ट ब्लेयर और फरारगंज Port Blair & Ferrargunj	1000.456	21.94
लिटिल अण्डमान Little Andaman	443.720	00
Nicobar		
कार निकोबार Car Nicobar	411.42	12.51
ननकौड़ी Nancowrie	28.184	00
कैम्पबेल बे Campbell Bay	493.910	00
A & N Islands	705.548	21.78