

CHAPTER 10

ENERGY

Figures presented in this section relates to consumption of electric power by uses by consumer and per capita consumption.

Consumption of Electric power by uses and percentage thereof.

Category of Consumers.

Sale of Electricity (Category-wise).

Tubewells energized and Gobar gas plants installed.

Annual per Capita consumption of Electricity.

Grid Stations.

Consumption of Petroleum products in Chandigarh.

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Table No.10.1

Consumption of Electric-Power by Uses.

Category of Consumption	Unit	2015-16	2016-17	2017-18
I	2	3	4	5
<u>DOMESTIC</u>	(M.Kwh)	656.38	719.18	731.24
<u>COMMERICAL</u>	"	459.63	497.81	483.70
<u>INDUSTRIAL</u>				
i) Low/Medium Voltage (Small & Medium)	"	136.10	135.46	131.93
ii) High Voltage (Large)	"	132.60	126.90	122.80
Public Lighting	"	24.71	20.25	17.82
Agricultural	"	1.83	1.30	1.43
Bulk	"	80.98	80.68	80.60
Others	"	4.74	7.44	4.35
Total:		1496.97	1589.02	1573.87

Table No. 10.2

Consumption & Percentage of Electric-Power by Uses.

Category of Consumption	Unit	2015-16		2016-17		2017-18	
		Consumption	Percentage to total	Consumption	Percentage to total	Consumption	Percentage to total
I	2	3	4	5	6	7	8
Domestic	(M.Kwh)	656.38	43.85	719.18	45.26	731.24	46.46
Commercial	"	459.63	30.70	497.81	31.33	483.70	30.73
Industrial	"	268.70	17.95	262.36	16.51	254.73	16.19
Public Lighting	"	24.71	1.65	20.25	1.27	17.82	1.13
Bulk Supply	"	80.98	5.41	80.68	5.08	80.60	5.12
Agricultural	"	1.83	0.12	1.30	0.08	1.43	0.09
Others	"	4.74	0.32	7.44	0.47	4.35	0.28
Total:		1496.97	100.00	1589.02	100.00	1573.87	100.00

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Table No. 10.3

Category of Consumers.

Category of Consumer	2015-2016	2016-2017	(In Nos.) 2017-2018
I	2	3	4
Domestic	189285	217691	199724
Commercial	22661	28354	23808
Industrial	2627	2750	2729
Public Lighting	978	989	1078
Agricultural	120	122	120
Public Water Works	Covered under Industrial Category according to Load		
Bulk	667	772	735
Others	558	463	573
Total:	216896	251141	228767

Table No. 10.4

Sale of Electricity per Consumer.

Category of Consumer	2015-2016	2016-2017	(In KWH) 2017-2018
I	2	3	4
Domestic	3469	3304	3661
Commercial	20272	17557	20317
Industrial	102283	95404	93343
Agricultural	15250	10656	11950
Bulk	121409	104508	109660
Public Lighting	25265	20475	16532
Others	8495	16069	7592
Average	6902	6327	6880

Table No. 10.5

Tubewells Energised.

Items	2015-2016	2016-2017	(In Nos.Cum.) 2017-2018
I	2	3	4
Tubewells (Agricultural and Public Water Works)	427	432	445

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Table No.10.6

Annual Per Capita Consumption of Electricity.

Year	Annual Per Capita Consumption of Electricity (KWH)
1	2
2015-2016	1284
2016-2017	1363
2017-2018	1492

Table No. 10.7

Grid Stations.

Year	Unit	11 K.V.		33 K.V.	66 K.V.	220 K.V.
		No. of Transformer	No. of Substations			
1	2	3	4	5	6	7
2015-2016	Nos. (Cum.)	1960	185	5	13	1
2016-2017	"	2026	185	5	13	1
2017-2018	"	2130	185	5	13	1

Source: S.E. Electricity "Operation Circle", U.T. Chandigarh.

Table No.10.8

Consumption of Petroleum Products in Chandigarh.

Products	Units	2015-2016	2016-2017	2017-2018
1	2	3	4	5
Petrol incl. ULP	(Kilo-Litres)	142061	137065	146925
High Speed Diesel	"	138776	123609	156999
Kerosene	"	1110	95	213
Light Diesel Oil	"	950	571	931
Furnace oil	Metric Ton	0	0	0
Low Sulphur heavy Stock	Metric Ton	63203	11910	9070
L.P.G. Connections	Nos. (Cum.)	2,52,761	2,69,584	2,72,930

Source: State Level Coordinator, Hindustan Petroleum Corporation Limited, Tel Bhawan, Sector:19, Chandigarh.