

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.

X-ENERGY

Table No. 10.1

Consumption of Electric-Power by Uses.

Category of Consumption	Unit	2017-18	2018-19	2019-20
I	2	3	4	5
<u>DOMESTIC</u>	(M.Kwh)	731.94	704.67	628.56
<u>COMMERICAL</u>	"	494.02	472.98	469.12
<u>INDUSTRIAL</u>				
i) Low/Medium Voltage (Small & Medium)	"	138.83	135.27	241.57
ii) High Voltage (Large)	"	119.85	125.15	121.59
Public Lighting	"	17.73	15.09	14.30
Agricultural	"	1.43	1.36	1.51
Bulk	"	80.60	77.31	81.57
Others	"	4.40	3.93	4.16
Total:		1588.80	1535.76	1562.38

Table No. 10.2

Consumption & Percentage of Electric-Power by Uses.

Category of Consumption	Unit	2017-18		2018-19		2019-20	
		Consumption	Percentage to total	Consumption	Percentage to total	Consumption	Percentage to total
I	2	3	4	5	6	7	8
Domestic	(M.Kwh)	731.94	46.07	704.67	45.88	628.56	40.23
Commercial	"	494.02	31.09	472.98	30.80	469.12	30.03
Industrial	"	258.68	16.19	260.42	16.19	363.16	16.19
Public Lighting	"	17.73	1.12	15.09	0.98	14.30	0.92
Bulk Supply	"	80.60	5.07	77.31	5.03	81.57	5.22
Agricultural	"	1.43	0.09	1.36	0.09	1.51	0.10
Others	"	4.40	0.28	3.93	0.26	4.16	0.27
Total:		1588.80	100.00	1535.76	100.00	1562.38	100.00

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Table No. 10.3

Category of Consumers.

	(In Nos.)		
Category of Consumer	2017-2018	2018-2019	2019-2020
I	2	3	4
Domestic	212499	194558	204417
Commercial	25942	24603	25837
Industrial	2683	2939	2990
Public Lighting	1168	1217	1310
Agricultural	124	122	127
Public Water Works	Covered under Industrial Category according to Load		
Bulk	637	587	615
Others	386	357	357
Total:	243439	224383	235653

Table No. 10.4

Sale of Electricity per Consumer.

	(In KWH)		
Category of Consumer	2017-2018	2018-2019	2019-2020
I	2	3	4
Domestic	3444	3622	3075
Commercial	19043	19224	18157
Industrial	96414	88608	121458
Agricultural	11532	11148	11890
Bulk	126531	131704	132634
Public Lighting	15180	12399	10916
Others	11399	11008	11653
Average	6526	6844	6630

Table No. 10.5

Tubewells Energised.

	(In Nos.Cum.)		
Items	2017-2018	2018-2019	2019-2020
I	2	3	4
Tubewells (Agricultural and Public Water Works)	445	313	467

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Table No. 10.6

Annual Per Capita Consumption of Electricity.

Year	Annual Per Capita Consumption of Electricity (KWH)
1	2
2017-2018	1492
2018-2019	1456
2019-2020	1481

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
2017-2018	Nos. (Cum.)	2130	185	5	13	1
2018-2019	"	2200	185	4	14	1
2019-2020	"	2272	185	4	14	1

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

Table No. 10.8

Consumption of Petroleum Products in Chandigarh.

Products	Units	2017-2018	2018-2019	2019-2020
1	2	3	4	5
Petrol incl. ULP	(Kilo-Litres)	146925	173056	178911
High Speed Diesel	"	156999	232825	239200
Kerosene	"	213	271	71
Light Diesel Oil	"	931	558	459
Furnace oil	Metric Ton	-	-	2021
Low Sulphur heavy Stock	Metric Ton	9070	5064	-
L.P.G. Connections	Nos. (Cum.)	2,72,930	2,99,000	2,78,565

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