

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	2018-19	2019-20	2020-21
I	2	3	4	5
<u>DOMESTIC</u>	(M.Kwh)	704.67	759.21	738.37
<u>COMMERICAL</u>	"	472.98	484.49	374.44
<u>INDUSTRIAL</u>				
i) Low/Medium Voltage (Small & Medium)	"	135.27	124.81	115.16
ii) High Voltage (Large)	"	125.15	123.76	120.14
Public Lighting	"	15.09	14.78	15.49
Agricultural	"	1.36	1.41	1.28
Bulk	"	77.31	82.88	81.22
Others	"	3.93	4.20	3.87
Total:		1535.76	1595.54	1449.97

Table No. 10.2

Consumption & Percentage of Electric-Power by Uses.

Category of Consumption	Unit	2018-19		2019-20		2020-21	
		Consumption	Percentage to total	Consumption	Percentage to total	Consumption	Percentage to total
I	2	3	4	5	6	7	8
Domestic	(M.Kwh)	704.67	45.88	759.21	47.58	738.37	50.92
Commercial	"	472.98	30.80	484.49	30.37	374.44	25.82
Industrial	"	260.42	16.96	248.57	15.58	235.30	16.23
Public Lighting	"	15.09	0.98	14.78	0.93	15.49	1.07
Bulk Supply	"	77.31	5.03	82.88	5.19	81.22	5.60
Agricultural	"	1.36	0.09	1.41	0.09	1.28	0.09
Others	"	3.93	0.26	4.20	0.26	3.87	0.27
Total:		1535.76	100.00	1595.54	100.00	1449.97	100.00

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Table No. 10.3

Category of Consumers.

Category of Consumer	2018-2019	2019-2020	(In Nos.) 2020-2021
I	2	3	4
Domestic	194558	197503	199690
Commercial	24603	25288	26584
Industrial	2939	2939	2691
Public Lighting	1217	1268	1393
Agricultural	122	122	123
Public Water Works	Covered under Industrial Category according to Load		
Bulk	587	587	560
Others	357	357	405
Total:	224383	228064	231446

Table No. 10.4

Sale of Electricity per Consumer.

Category of Consumer	2018-2019	2019-2020	(In KWH) 2020-2021
I	2	3	4
Domestic	3622	3844	3698
Commercial	19224	19159	14085
Industrial	88608	84576	87440
Agricultural	11148	11557	10407
Bulk	131704	141193	145036
Public Lighting	12399	11656	11120
Others	11008	11765	9556
Average	6844	6996	6265

Table No. 10.5

Tubewells Energised.

Items	2018-2019	2019-2020	(In Nos.Cum.) 2020-2021
I	2	3	4
Tubewells (Agricultural and Public Water Works)	313	467	479

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Table No. 10.6

Annual Per Capita Consumption of Electricity.

Year	Annual Per Capita Consumption of Electricity (KWH)
1	2
2018-2019	1456
2019-2020	1513
2020-2021	1375

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
2018-2019	Nos. (Cum.)	2200	185	5	14	1
2019-2020	"	2272	185	5	14	1
2020-2021	"	2345	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	2018-2019	2019-2020	2020-2021
1	2	3	4	5
Petrol incl. ULP	(Kilo-Litres)	173056	178911	128909
High Speed Diesel	"	232825	239200	153150
Kerosene	"	271	71	141
Light Diesel Oil	"	558	459	414
Furnace oil	Metric Ton	0	2021	1286
Low Sulphur heavy Stock	Metric Ton	5064	0	28
L.P.G. Connections	Nos. (Cum.)	2,99,000	2,78,565	2,81,659

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