

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	2019-20	2020-21	2021-22
I	2	3	4	5
<u>DOMESTIC</u>	(M.Kwh)	759.21	738.37	815.21
<u>COMMERICAL</u>	"	484.49	374.44	494.56
<u>INDUSTRIAL</u>				
i) Low/Medium Voltage (Small & Medium)	"	124.81	115.16	124.81
ii) High Voltage (Large)	"	123.76	120.14	126.49
Public Lighting	"	14.78	15.49	15.37
Agricultural	"	1.41	1.28	1.47
Bulk	"	82.88	81.22	85.88
Others	"	4.20	3.87	4.20
Total:		1595.54	1449.97	1667.99

Table No. 10.2

Consumption & Percentage of Electric-Power by Uses.

Category of Consumption	Unit	2019-20		2020-21		2021-22	
		Consumption	Percentage to total	Consumption	Percentage to total	Consumption	Percentage to total
I	2	3	4	5	6	7	8
Domestic	(M.Kwh)	759.21	47.58	738.37	50.92	815.21	48.87
Commercial	"	484.49	30.37	374.44	25.82	494.56	29.65
Industrial	"	248.57	15.58	235.30	16.23	251.30	15.07
Public Lighting	"	14.78	0.93	15.49	1.07	15.37	0.92
Bulk Supply	"	82.88	5.19	81.22	5.60	85.88	5.15
Agricultural	"	1.41	0.09	1.28	0.09	1.47	0.09
Others	"	4.20	0.26	3.87	0.27	4.20	0.25
Total:		1595.54	100.00	1449.97	100.00	1667.99	100.00

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Table No. 10.3

Category of Consumers.

Category of Consumer	2019-2020	2020-2021	(In Nos.) 2021-2022
I	2	3	4
Domestic	197503	199690	201809
Commercial	25288	26584	27418
Industrial	2939	2691	2704
Public Lighting	1268	1393	1484
Agricultural	122	123	124
Public Water Works	Covered under Industrial Category according to Load		
Bulk	587	560	560
Others	357	405	398
Total:	228064	231446	234497

Table No. 10.4

Sale of Electricity per Consumer.

Category of Consumer	2019-2020	2020-2021	(In KWH) 2021-2022
I	2	3	4
Domestic	3844	3698	4040
Commercial	19159	14085	18038
Industrial	84576	87440	92936
Agricultural	11557	10407	11855
Bulk	141193	145036	153357
Public Lighting	11656	11120	10357
Others	11765	9556	10553
Average	6996	6265	7113

Table No. 10.5

Tubewells Energised.

Items	2019-2020	2020-2021	(In Nos.Cum.) 2021-2022
I	2	3	4
Tubewells (Agricultural and Public Water Works)	467	479	516

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Table No. 10.6

Annual Per Capita Consumption of Electricity.

Year	Annual Per Capita Consumption of Electricity (KWH)
1	2
2019-2020	1513
2020-2021	1375
2021-2022	1582

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
2019-2020	Nos. (Cum.)	2234	185	5	14	1
2020-2021	"	2345	185	5	14	1
2021-2022	"	2351	185	5	14	1

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

Table No. 10.8

Consumption of Petroleum Products in Chandigarh.

Products	Units	2019-2020	2020-2021	2021-2022
1	2	3	4	5
Petrol incl. ULP	(Kilo-Litres)	178911	128909	110021
High Speed Diesel	"	239200	153150	171060
Kerosene	"	71	141	100
Light Diesel Oil	"	459	414	500
Furnace oil	Metric Ton	2021	1286	1006
Low Sulphur heavy Stock	Metric Ton	-	28	-
L.P.G. Connections	Nos. (Cum.)	2,78,565	2,81,659	2,92,508
CNG	Metric Ton	-	-	11000

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