

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	2020-21	2021-22	2022-23
I	2	3	4	5
<u>DOMESTIC</u>	(M.Kwh)	689.74	815.21	796.50
<u>COMMERICAL</u>	"	331.17	494.56	486.80
<u>INDUSTRIAL</u>				
i) Low/Medium Voltage (Small & Medium)	"	117.91	124.81	121.72
ii) High Voltage (Large)	"	109.11	126.49	126.45
Public Lighting	"	12.21	15.37	15.22
Agricultural	"	1.36	1.47	1.57
Bulk	"	77.18	85.88	84.71
Others	"	3.41	4.20	4.25
Total:		1342.09	1667.99	1637.22

Table No. 10.2

Consumption & Percentage of Electric-Power by Uses.

Category of Consumption	Unit	2020-21		2021-22		2022-23	
		Consumption	Percentage to total	Consumption	Percentage to total	Consumption	Percentage to total
I	2	3	4	5	6	7	8
Domestic	(M.Kwh)	689.74	51.39	815.21	48.87	796.50	48.65
Commercial	"	331.17	24.68	494.56	29.65	486.80	29.73
Industrial	"	227.02	16.92	251.30	15.07	248.17	15.16
Public Lighting	"	12.21	0.91	15.37	0.92	15.22	0.93
Bulk Supply	"	77.18	5.75	85.88	5.15	84.71	5.17
Agricultural	"	1.36	0.10	1.47	0.09	1.57	0.10
Others	"	3.41	0.25	4.20	0.25	4.25	0.26
Total:		1342.09	100.00	1667.99	100.00	1637.22	100.00

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Table No. 10.3

Category of Consumers.

Category of Consumer	2020-2021	2021-2022	(In Nos.) 2022-2023
I	2	3	4
Domestic	198306	200939	203350
Commercial	26175	26584	27418
Industrial	2998	2681	2698
Public Lighting	1411	1514	1627
Agricultural	120	289	289
Public Water Works	Covered under Industrial Category according to Load		
Bulk	531	519	522
Others	448	458	478
Total:	229989	232984	236382

Table No. 10.4

Sale of Electricity per Consumer.

Category of Consumer	2020-2021	2021-2022	(In KWH) 2022-2023
I	2	3	4
Domestic	3478	4057	3917
Commercial	12652	18604	17755
Industrial	75724	93724	91983
Agricultural	11333	5087	5433
Bulk	145348	165472	162280
Public Lighting	8653	10152	9355
Others	7612	9170	8891
Average	5835	7159	6926

Table No. 10.5

Tubewells Energised.

Items	2020-2021	2021-2022	(In Nos.Cum.) 2022-2023
I	2	3	4
Tubewells (Agricultural and Public Water Works)	479	516	425

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Table No. 10.6

Annual Per Capita Consumption of Electricity.

Year	Annual Per Capita Consumption of Electricity (KWH)
1	2
2020-2021	1169
2021-2022	1426
2022-2023	1374

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
2020-2021	Nos. (Cum.)	2345	185	5	14	1
2021-2022	"	2351	185	5	14	1
2022-2023	"	2389	192	5	14	1

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

Table No. 10.8

Consumption of Petroleum Products in Chandigarh.

Products	Units	2020-2021	2021-2022	2022-2023
1	2	3	4	5
Petrol incl. ULP	(Kilo-Litres)	128909	110021	114370
High Speed Diesel	"	153150	171060	206390
Kerosene	"	141	100	-
Light Diesel Oil	"	414	500	470
Furnace oil	Metric Ton	1286	1006	1450
Low Sulphur heavy Stock	Metric Ton	28	-	-
L.P.G. Connections	Nos. (Cum.)	2,81,659	2,92,508	2,87,723
CNG	Metric Ton	-	11000	15280

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