

Power generation and consumption, telephone network of BSNL, water supply schemes and connections

**Table 1
Category wise power consumption and revenue collected during 2019-20**

No	Category	No. of Consumers	% of consumers to total	Consumption (Million Units)	Consumption as % to total	Revenue collected (Rs. lakh)	Revenue as % to total
1	Domestic LT	98,81,528	77.04	11,898.13	51.85	5,26,279	37.81
2	Commercial LT	22,80,912	17.78	3,426.48	14.93	3,39,523	24.39
3	Public lighting	40,950	0.32	365.86	1.59	17,559	1.26
4	Irrigation & Dewatering	4,76,297	3.71	348.48	1.52	9,761	0.70
5	Industrial LT	1,40,205	1.09	1,085.16	4.73	83,771	6.02
6	HT	6,226	0.05	3,738.77	16.29	2,94,461	21.16
7	EHT	40	0.00	859.37	3.74	59,623	4.28
8	Railway Traction	16	0.00	322.96	1.41	19,419	1.40
9	Bulk Supply	11	0.00	615.73	2.68	39,697	2.85
10	Power sale (trading)	-	-	287.88	1.25	1,786.00	0.13
Total		1,28,26,185	100	22,948.82	100	13,91,879	100

LT: low tension, HT: high tension, EHT: extra high tension

Source: GoK (2021), Economic Review 2020, Volume 2: KSPB

Table 2
Details of power generation (million units)

No	Particulars	2014-15	2019-20	Growth (%)
1	Hydel Generation	7,134	5,741.8	-19.5
2	KSEB-Thermal Generation	207.7	12.0	-94.2
3	Wind	1.1	1.4	33.9
4	Solar KSEBL	0	26.0	-
5	Solar other than KSEBL	0	75.8	-
6	Total Internal generation	7,342.9	5,781.2	-21.3
7	Auxiliary consumption	56.0	58.4	4.4
8	Net generation	7,286.9	5,722.8	-21.5
9	Power Purchase (CGS, IPPs, Traders)	14,996.4	20,383.8	35.9
10	External PGCIL line losses	358.0	744.8	108.0
11	Energy available for sale within the State	21,925.8	26,549.9	21.1
12	Energy Requirement	21,914.2	26,226.1	19.7
13	Surplus/Deficit	11.6	323.8	2682.1

Source: GoK (2021), Economic Review 2020, Volume 2: KSPB

Table 3
Details of Telephone network BSNL Kerala Circle as on 30.06.2020

No	Item	Telephone network
1	No. of Exchanges	1,368
2	Equipped Capacity	23,13,298
3	Mobile	1,09,50,511
4	Landline	13,79,297
5	Total (mobile & landline)	1,23,29,808
6	Area (sq. Kms)	38,895
7	No. of Telephone (Sq. Kms)	317
8	Total Population	3,34,70,500
9	No. of Telephone per 1000 population	368.4

Source: GoK (2021), Economic Review 2020, Volume 2: KSPB

Table 4
District-wise population covered by Water Supply Schemes
(As on 31-08-2020)

No	District	Total Population covered	% to Total Population	% to Total Rural population	% to Total Urban population	No.of Schemes
1	Thiruvananthapuram	23,53,779	66.74	57.72	85.00	101
2	Kollam	17,94,938	66.01	62.14	83.71	72
3	Pathanamthitta	8,01,944	65.29	63.36	80.06	69
4	Alappuzha	20,39,602	79.53	78.51	84.75	71
5	Kottayam	13,25,256	61.89	59.82	80.96	74
6	Idukki	5,63,049	45.10	43.65	62.75	70
7	Ernakulam	30,74,395	86.67	84.00	92.20	97
8	Thrissur	18,26,776	58.30	52.92	83.19	100
9	Palakkad	18,43,421	58.22	54.62	84.94	58
10	Malappuram	19,65,262	43.25	40.13	61.54	56
11	Kozhikode	13,93,363	44.42	42.18	50.35	77
12	Wayanad	4,02,708	47.60	43.68	80.76	24
13	Kannur	11,10,217	42.82	35.23	65.35	76
14	Kasaragod	4,08,946	29.51	28.40	38.45	75
TOTAL		2,09,03,656	58.42	54.11	75.60	1,020

Source: GoK (2021), Economic Review 2020, Volume 2: KSPB

Table 5
District-wise details of Water Supply Connections as on 31/08/2020 (in number)

No	District	Domestic	Non Domestic	Industrial	Total
1	Thiruvananthapuram	4,36,190	54,615	243	4,91,048
2	Kollam	2,29,606	12,291	343	2,42,240
3	Pathanamthitta	1,03,627	5,614	45	1,09,286
4	Alappuzha	2,55,787	10,930	503	2,67,220
5	Kottayam	1,27,991	5,592	44	1,33,627
6	Idukki	35,204	3,284	5	38,493
7	Ernakulam	5,28,449	46,363	502	5,75,314
8	Thrissur	1,84,972	5,772	47	1,90,791
9	Palakkad	1,85,201	11,591	181	1,96,973
10	Malappuram	1,16,825	7,035	28	1,23,888
11	Kozhikode	1,27,983	11,527	121	1,39,631
12	Wayanad	24,143	2,626	6	26,775
13	Kannur	1,10,956	8,234	97	1,19,287
14	Kasaragod	21,427	1,093	12	22,532
TOTAL		24,88,361	1,86,567	2177	26,77,105
Share (%)		92.9	7.0	0.1	100.0

Source: GoK (2021), Economic Review 2020, Volume 2: KSPB

Table 6
District-wise distribution of KWA Water Supply Schemes
Transferred to Local Bodies as on 31-08-2020

No	District	No. of Schemes (Rural)		Total	Population Coverage
		From the list of 1050 schemes	From other than the list of 1050 schemes		
1	Thiruvananthapuram	2	0	2	33,667
2	Kollam	2	0	2	3,950
3	Pathanamthitta	0	0	0	0
4	Alappuzha	0	0	0	0
5	Idukki	4	5	9	8,710
6	Kottayam	12	0	12	32,400
7	Thrissur	20	23	43	61,630
8	Ernakulam	1	0	1	1,500
9	Palakkad	69	60	129	4,39,300
10	Malappuram	45	58	103	2,64,643
11	Kozhikode	54	66	120	1,63,315
12	Wayanad	11	4	15	42,645
13	Kannur	11	2	13	6,400
14	Kasaragod	21	31	52	43,000
TOTAL		252	249	501	11,01,160

Source: GoK (2021), Economic Review 2020, Volume 2: KSPB

Table 7
Activities/Achievements of Kerala Rural Water Supply and Sanitation Agency
(KRWSA) (as on 31/08/2020)

No	District	House holds covered	Total No. of Schemes	Small Water Supply		Others (Functional)	% share of defunct to total schemes
				Functional	Defunct		
1	Thiruvananthapuram	4,572	110	94	16	0	14.5
2	Kollam	20,285	61	57	3	1	4.9
3	Pathanamthitta	5,977	96	72	22	2	22.9
4	Alappuzha	0	0	0	0	0	0
5	Kottayam	46,220	620	558	60	2	9.7
6	Idukki	37,002	614	576	37	1	6.0
7	Ernakulam	2,173	49	47	1	1	2.0
8	Thrissur	63,265	531	434	92	5	17.3
9	Palakkad	50,351	787	654	127	6	16.1
10	Malappuram	85,355	949	722	213	14	22.4
11	Kozhikode	50,632	1,052	843	207	2	19.7
12	Wayanad	36,274	328	281	40	7	12.2
13	Kannur	22,157	361	351	9	1	2.5
14	Kasaragod	21,447	325	312	10	3	3.1
TOTAL		4,45,710	5,883	5,001	837	45	14.2

Source: GoK (2021), Economic Review 2020, Volume 2: KSPB