

~~Reliability~~
~~Indices~~ Indices (SAIDI, SAIFI, CAIDI, CAIFI), HPSEBL, FY2021-22

Sr.No.		Name of Circle		Total Consumer Served (NT)	Interrupted Consumer ($\sum Ni$)	Duration of sustained Interruptions (in Minutes) ($\sum Ri$)	Total Number of Interruptions ($\sum No$)	SAIDI	SAIFI	CAIDI	CAIFI
1	2	3		4	5	6	7	9	10	11	12
		Nahan	First	166980	155906	105843.9	3750	1170	0.9337	1252.7756	0.0240529
			Second	168120	153357	95272.54	9226	1096	0.9122	1201.0877	0.0601603
			Third	169632	157727	71609.15	8374	847	0.9298	911.44582	0.0530916
			Fourth	171370	159606	62849.72	2817	723	0.9314	775.98698	0.0176491
			Annual	171370	626596.35	335575.3	24166.9	3776	0.9268	4074.5177	0.0385685
		Solan	First	251332	233225	105097	4159	788	0.928	849.37156	0.0178326
			Second	253548	235187	65606	3625	469	0.9276	505.29468	0.0154133
			Third	258349	241612	55819	2868	373	0.9352	398.97334	0.0118703
			Fourth	260875	247986	60554	2880	408	0.9506	428.81545	0.0116136
			Annual	260875	958010	287076	13532	1992	0.9355	2129.4602	0.0141251
		Shimla	First	206055	106843	29843	1966	83	0.5185	160.87663	0.0184008
			Second	207756	103677	28212	1904	74	0.499	148.48455	0.0183647
			Third	209121	127024	21222	1777	134	0.6074	219.88429	0.0139895
			Fourth	211289	129272	16240	2148	129	0.6118	211.08711	0.0166161
			Annual	211289	466816	95517	7795	416	0.5596	742.60693	0.0166982
		Rohru	First	77347	51240	10330	487	388	0.6625	585.48068	0.0095043
			Second	78199	53253	6376	456	246	0.681	360.57939	0.0085629
			Third	78706	51499	2578	378	107	0.6543	164.24599	0.0073399
			Fourth	79975	55620	2283	248	106	0.6955	152.33574	0.0044588
			Annual	79975	211612	21567	1569	827	0.6734	1227.9189	0.0074145
		Rampur	First	149948	139143	30730	2366	849	0.9279	914.45654	0.0170041
			Second	151191	141282	23526	2181	719	0.9345	768.89344	0.0154372
			Third	151923	140449	14765	1466	493	0.9245	532.93606	0.010438
			Fourth	153421	142182	19727	1800	685	0.9267	739.4464	0.0126598
			Annual	153421	563056	88748	7813	2711	0.9284	2919.6218	0.0138761
		Dalhousie	First	287588	168908	197709	5382	720	0.5873	1226.1367	0.0318635
			Second	289427	170569	154208	6531	414	0.5893	701.96077	0.0382895
			Third	291071	179801	86371	3396	411	0.6177	665.91814	0.0188875



North Zone		Fourth	292974	182728	109364	3570	554	0.6237	888.43225	0.0195372
		Annual	292974	702006	547652	18879	2078	0.6046	3437.4687	0.0268929
	Kangra	First	372203	235226	85169.77	14935	395	0.632	624.54429	0.0634921
		Second	369356	233758	56921.24	11985	327	0.6329	516.08855	0.051271
		Third	372313	229470	40712.86	3983	187	0.6163	303.44371	0.0173574
		Fourth	377679	233813	32399.4	3121	166	0.6191	267.50096	0.0133483
		Annual	377679	932267	215203.3	34024	1058	0.625	1693.3105	0.036496
	Una	First	203599	92140	23232	754	120	0.4526	265.07382	0.0081832
		Second	208889	93870	14803	763	81	0.4494	181.24334	0.0081283
		Third	210262	87733	12561	617	73	0.4173	175.20552	0.0070327
		Fourth	211973	90443	9424	548	57	0.4267	133.06057	0.0060591
		Annual	211973	364186	60020	2682	325	0.4363	744.38541	0.0073644
	Hamirpur	First	229487	153835	29866	1761	297	0.6703	442.87412	0.0114473
		Second	231723	154824	30291	1769	289	0.6681	432.31908	0.0114259
		Third	239445	166285	22626	1581	187	0.6945	269.80332	0.0095078
		Fourth	241031	168253	25980	1337	217	0.6981	310.3964	0.0079464
Central Zone		Annual	241031	643197	108763	6448	963	0.683	1410.1398	0.0100249
	Mandi	First	225907	207309	24169	1847	267	0.9177	291.44966	0.0089094
		Second	227149	205725	24167	1657	271	0.9057	298.98825	0.0080544
		Third	227093	192339	12233	1034	127	0.847	149.83709	0.0053759
		Fourth	229873	202773	21085	1070	244	0.8821	277.0384	0.0052768
		Annual	229873	808146	81654	5608	900	0.8881	1013.6474	0.0069393
	Bilaspur	First	246188	212071	24243	2064	355	0.8614	412.60277	0.0097326
		Second	247634	217503	39439	3632	565	0.8783	643.2315	0.0166986
		Third	249300	219354	21810	2650	324	0.8799	368.04358	0.0120809
		Fourth	252591	218339	20893	1537	309	0.8644	357.77887	0.0070395
		Annual	252591	867267	106385	9883	1529	0.871	1755.6476	0.0113956
	Kullu	First	157671	135559	42641.4	1307	608	0.8598	707.53095	0.0096416
		Second	158314	137936	24463	1555	463	0.8713	530.83253	0.0112733
		Third	160117	130424	14002	818	226	0.8146	278.05191	0.0062719
		Fourth	162723	127314	28448.2	1244	417	0.7824	532.55796	0.0097711
		Annual	162723	531233	109554.6	4924	1679	0.8316	2018.9629	0.009269
		Grand Total	2645774	7674392	2057715	137324	1479	0.74	2009.5517	0.0178938
Average SAIDI			1479					Minutes	24.646829	Hours
Average SAIFI			0.74							
Average CAIDI			2010					Minutes	33.492528	Hours
Average CAIFI			0.017893782							

