

**Reliability Indices (SAIDI, SAIFI, CAIDI, CAIFI), HPSEBL, FY 2016-17**

Sr.No.	Name of Circle	Total Consumer Served (NT)	Interrupted Consumer ( $\Sigma Ni$ )	Duration of sustained Interruptions (in Minutes) ( $\Sigma Ri$ )	Total Number of Interruptions ( $\Sigma No$ )	$\Sigma (Ri \cdot Ni)$	SAIDI	SAIFI	CAIDI	CAIFI		
1	2	3	4	5	6	7	8	9	10	11	12	
South Zone	Nahan	First	140923	126676	60248	2174	132563046	941	0.8989	1046.47	0.017162	
		Second	141464	123830	54096	2447	130092090	920	0.87535	1050.57	0.019761	
		Third	143993	136270	28590	1539	60688695	421	0.94637	445.356	0.011294	
		Fourth	137801	113874	36012	1725	64766049	470	0.82637	568.752	0.015148	
		Annual	137801	500650	178946	7885	388109880	2816	0.88739	3173.85	0.01575	
	Solan	First	213144	179203	100765	1885	155946054	732	0.84076	870.22	0.010519	
		Second	218369	180720	75371	2021	88891858	407	0.82759	491.876	0.011183	
		Third	223832	188384	46109	1677	52872086	236	0.84163	280.661	0.008902	
		Fourth	221747	186234	73269	1776	96579916	436	0.83985	518.594	0.009536	
	Annual	221747	734541	295514	7359	394289914	1778	0.83747	2123.18	0.010019		
		Shimla	First	159291	76583	31714	1511	45828302	288	0.48077	598.414	0.01973
			Second	159729	73961	34735	1563	43893065	275	0.46304	593.462	0.021133
			Third	160469	73074	29463	1158	38399332	239	0.45538	525.486	0.015847
	Fourth		162064	72549	206789	1854	105611337	652	0.44766	1455.72	0.025555	
	Annual	162064	296167	302701	6086	233732036	1442	0.46164	3124.12	0.020549		
		Rohru	First	84844	84844	31311	751	11315600	133	1	133.369	0.008852
			Second	85713	85713	33895	1013	130846179	1527	1	1526.56	0.011819
			Third	86088	256645	83114	2284	80029761	930	2.98119	311.831	0.008899
	Fourth		86741	86741	36725	995	180514439	2081	1	2081.07	0.011471	
	Annual	86741	513943	185045	5043	402705979	4643	1.49669	3101.92	0.009812		
		Rampur	First	128850	114195	82820	3580	334510308	2596	0.88626	2929.29	0.03135
			Second	130092	118864	81606	4466	858991463	6603	0.91369	7226.67	0.037572
			Third	131383	117870	23539	1784	272999097	2078	0.89715	2316.1	0.015135
	Fourth		132913	121411	17080	2153	118026485	888	0.91346	972.123	0.017733	
Annual	132913	472340	205045	11983	1584527353	11922	0.90272	13206.2	0.025369			
	Dalhousie	First	257543	102203	19421	2528	14240121	55	0.39684	139.332	0.024735	
		Second	258678	112018	34580	3354	27644698	107	0.43304	246.788	0.029942	
		Third	260533	126540	32958	2582	30122831	116	0.4857	238.05	0.020405	
Fourth		280704	124556	35868	2639	31299013	112	0.44373	251.285	0.021187		
Annual		280704	465317	122827	11103	103306663	368	0.44003	836.361	0.023861		
Kangra	First	338793	259233	79724	1418	174148351	514	0.76517	671.783	0.00547		
	Second	348237	249852	43792	1094	86276540	248	0.71748	345.311	0.004379		
	Third	349858	266723	24735	691	58420476	167	0.76238	219.031	0.002591		
	Fourth	351751	265496	37458	771	100470390	286	0.75478	378.425	0.002904		
	Annual	351751	1041304	185709	3974	419315757	1192	0.74987	1589.71	0.003816		
Una	First	183676	168141	33315	666	65491646	357	0.91542	389.504	0.003961		
	Second	184951	155150	18086	473	40213755	217	0.83887	259.193	0.003049		
	Third	186010	111975	7212	218	12993490	70	0.60198	116.039	0.001947		
	Fourth	187172	125614	21552	337	39951164	213	0.67112	318.047	0.002683		
	Annual	187172	560880	80165	1694	158650055	848	0.7561	1121.04	0.00302		
Central Zone	Hamirpur	First	202305	89105	37476	613	62273228	308	0.44045	698.875	0.00688	
		Second	203440	129406	48370	1217	89682684	441	0.63609	693.033	0.009405	
		Third	204499	126853	19879.37	807	35344605	173	0.62031	278.626	0.006362	
		Fourth	207510	132258	30220	737	49738372	240	0.63736	376.071	0.005572	
		Annual	207510	477622	135945.37	3374	237038888.95	1142	0.58407	1955.78	0.007064	
	Mandi	First	204529	175357	44371	739	69487358	340	0.85737	396.262	0.004214	
		Second	205561	167421	26159	465	48834925	238	0.81446	291.689	0.002777	
		Third	206486	143587	6664	280	13757048	67	0.69538	95.8098	0.00195	
		Fourth	207812	182743	41900	593	88043333	424	0.87937	481.788	0.003245	
	Annual	207812	669108	119094	2077	220122664	1059	0.81164	1305.06	0.003104		
		Bilaspur	First	182861	98686	36767.05	1291	89188542	488	0.53968	903.761	0.013082
			Second	202592	109172	17240	1238	50094898	247	0.53888	458.862	0.01134
			Third	184422	101904	8709	868	21212849	115	0.55256	208.165	0.008518
	Fourth		190190	144749	25195	995	89576360	471	0.76108	618.839	0.006874	
Annual	190190	454511	87911.05	4392	250072649	1315	0.59799	2198.8	0.009663			
	Kullu	First	126652	121590	53001	1793	106252271	839	0.96003	873.857	0.014746	
		Second	127353	124074	38480	1780	94732129	744	0.97425	763.513	0.014346	
		Third	128088	122556	28377	1000	34631956	270	0.95681	282.581	0.00816	
Fourth		129783	129783	100291	1610	163684648	1261	1	1261.22	0.012405		
Annual	129783	498003	220149	6183	399301004	3077	0.9729	3162.39	0.012416			
	Grand Total		2296188	6684386	2119051	71153	4791172843	2087	0.74	2825.47	0.010645	
	Average SAIDI						2087		Minutes		34.7763	Hours
	Average SAIFI						0.74					
Average CAIDI						2825		Minutes		47.0911	Hours	
Average CAIFI						0.0106446576						