

Realibility Indices (SAIDI, SAIFI, CAIDI, CAIFI), HPSEBL, FY2019-20 First Quarter

Sr.No.		Name of Circle	Total Consumer Served (NT)	Interrupted Consumer (ΣNi)	Duration of sustained Interruptions (in Minutes) (ΣRi)	Total Number of Interruptions (ΣNo)	$\Sigma(Ri*Ni)$	SAIDI	SAIFI	CAIDI	CAIFI	
1	2	3	4	5	6	7	8	9	10	11	12	
	South Zc	Nahan	154678	135114	67160	2658	128853707	833	0.873518	953.667	0.019672	
		Solan	236782	205850	95499	3495	167822794	709	0.869365	815.267	0.016978	
		Shimla	192904	92715	39427	1821	14159229	73	0.480628	152.718	0.019641	
		Rohru	72453	72453	15038	588	63843130	881	1	881.166	0.008116	
		Rampur	141119	129439	26284	1978	134002400	950	0.917233	1035.26	0.015281	
	North Zc	Dalhous	274598	136437	78769	4684	144869516	528	0.496861	1061.81	0.034331	
		Kangra	319682	224841	49900	1634	138793997	434	0.703327	617.298	0.007267	
		Una	197390	105612	36081	1121	45139145	229	0.535042	427.405	0.010614	
	Central Zc	Hamirpu	207565	137579	49452	1516	92801043	447	0.662824	674.529	0.011019	
		Mandi	213532	179655	24443	1088	38131405	179	0.841349	212.248	0.006056	
		Bilaspur	206270	184234	30796	2071	94678028	459	0.893169	513.901	0.011241	
		Kullu	145941	136403	33391.6	1189	74783593	512	0.934645	548.255	0.008717	
		Grand Total	2362914	1740332	546241	23843	1137877987	482	0.74	653.828	0.0137	
Average SAIDI			482						Minutes		8.02595	Hours
Average SAIFI			0.74									
Average CAIDI			654						Minutes		10.8971	Hours
Average CAIFI			0.013700259									

Second Quarter

Realibility Indices (SAIDI, SAIFI, CAIDI, CAIFI), HPSEBL, FY2019-20 2nd Quarter

Sr.No.		Name of	Total Consumer	Interrupted Consumer	Duration of sustained	Total Number of Interruptions	$\Sigma(Ri*Ni)$	SAIDI	SAIFI	CAIDI	CAIFI	
1	2	3	4	5	6	7	8	9	10	11	12	
	South Zone	Nahan	168469	160816	81686	2671	165363972	982	0.954573	1028.28	0.016609	
		Solan	239035	205695	88956	3679	137149009	574	0.860523	666.759	0.017886	
		Shimla	194835	97085	48861	2145	15265543	78	0.498293	157.239	0.022094	
		Rohru	72454	72454	11077	573	56245204	776	1	776.288	0.007908	
		Rampur	142105	130526	21870	1764	118663194	835	0.918518	909.115	0.013515	
	North Zone	Dalhous	276206	135947	65193	4684	128276288	464	0.492194	943.576	0.034455	
		kangra	321241	247413	50101	3441	131523690	409	0.770179	531.596	0.013908	
		una	198664	112211	27968	852	35060090	176	0.564828	312.448	0.007593	
	Central Zone	Hamirpu	219423	133141	52449	1590	106152379	484	0.606778	797.293	0.011942	
		Mandi	214630	181557	17069	1023	31840357	148	0.845907	175.374	0.005635	
		Bilaspur	207628	185612	23813	2129	72539373	349	0.893964	390.812	0.01147	
		Kullu	146844	137022	46133.2	1182	113739679	775	0.933113	830.083	0.008626	
			2401534	1799479	535176	25733	1111818778	463	0.75	617.856	0.0143	
Average SAIDI			463						Minutes		7.71603	Hours
Average SAIFI			0.75									
Average CAIDI			618						Minutes		10.2976	Hours
Average CAIFI			0.01430025									

Realibility Indices (SAIDI, SAIFI, CAIDI, CAIFI), HPSEBL, FY2019-20 Third quarter

Sr.No.		Name of	Total Consumer	Interrupted Consumer	Duration of sustained	Total Number of Interruptions	$\Sigma(R_i * N_i)$	SAIDI	SAIFI	CAIDI	CAIFI	
1	2	3	4	5	6	7	8	9	10	11	12	
	South Zone	Nahan	157239	152032	72209	2033	159235230	1013	0.966885	1047.38	0.013372	
		Solan	240330	215447	62596	2686	87512540	364	0.896463	406.191	0.012467	
		Shimla	196776	96129	42630	1993	21481763	109	0.48852	223.468	0.020733	
		Rohru	72544	72544	13108	551	63266086	872	1	872.106	0.007595	
		Rampur	144176	132735	19180	1539	106618900	740	0.920646	803.246	0.011595	
	North Zone	Dalhous	277729	143057	60753	3505	97191191	350	0.515096	679.388	0.024501	
		kangra	312480	234999	34090	1250	76441910	245	0.752045	325.286	0.005319	
		una	199981	112957	14063	735	19149167	96	0.564839	169.526	0.006507	
	Central Zone	Hamirpu	220620	140060	98429	1792	206510959	936	0.634847	1474.45	0.012795	
		Mandi	216001	180267	14348	788	50285217	233	0.834566	278.949	0.004371	
		Bilaspur	217083	198417	19438.3	1368	64763720	298	0.914014	326.402	0.006895	
		Kullu	149840	127987	36607.4	1132	66486361	444	0.854158	519.477	0.008845	
			2404799	1806631	487452	19372	1018943044	424	0.75	564.002	0.010723	
Average SAIDI			424							Minutes	7.06187	Hours
Average SAIFI			0.75									
Average CAIDI			564							Minutes	9.40003	Hours
Average CAIFI			0.010722721									

Realibility Indices (SAIDI, SAIFI, CAIDI, CAIFI), HPSEBL, FY2019-20 Fourth quarter

Sr.No.		Name of Circle	Total Consumer Served (NT)	Interrupted Consumer (ΣNi)	Duration of sustained Interruptions (in Minutes)	Total Number of Interruptions (ΣNo)	$\Sigma(Ri*Ni)$	SAIDI	SAIFI	CAIDI	CAIFI	
1	2	3	4	5	6	7	8	9	10	11	12	
	South Zone	Nahan	158752	150524	102351	3445	226374402	1426	0.948171	1503.91	0.022887	
		Solan	241823	218953	74735	2963	133132008	551	0.905427	608.039	0.013533	
		Shimla	198789	94802	67234	2229	15093628	76	0.476898	159.212	0.023512	
		Rohru	73290	73290	14469	586	65680177	896	1	896.168	0.007996	
		Rampur	144585	133346	44797	3114	228842057	1583	0.922267	1716.15	0.023353	
	North Zone	Dalhous	279900	150218	71760	3668	117532181	420	0.536685	782.411	0.024418	
		kangra	324755	246867	41773	1491	120544667	371	0.760164	488.298	0.00604	
		una	201711	113932	13872	743	19059570	94	0.564828	167.289	0.006521	
	Central Zone	Hamirpu	221929	132073	73106	1427	132236044	596	0.595114	1001.23	0.010805	
		Mandi	217279	170410	20134	817	46363347	213	0.784291	272.069	0.004794	
		Bilaspur	218090	197804	14498	1395	54819274	251	0.906983	277.139	0.007052	
		Kullu	150897	126280	58748	1096	132760062	880	0.836862	1051.32	0.008679	
			2431800	1808499	597477	22974	1292437417	531	0.74	714.646	0.012703	
Average SAIDI			531					Minutes			8.85789	Hours
Average SAIFI			0.74									
Average CAIDI			715					Minutes			11.9108	Hours
Average CAIFI			0.012703352									