



HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED
(A STATE GOVERNMENT UNDERTAKING)

REGISTERED OFFICE :- VIDYUT BHAWAN, HPSEBL, SHIMLA-171004 (H.P.)

CIN: U40109HP2009SGC031255

GST NO:02AACCH4894EHZB

PHONE NO. : 0177-2656624 (OFFICE) 2803315(FAX)

Website:www.hpseb.com Email: cecommhpsebl@gmail.com

No. HPSEBL/CE(Comm.)/SERC-31/2023-24-13356-58

Dated: 26³/₂₄

To

The Executive Director (Tech.),
HPERC, Vidyut Aayog Bhawan,
Block No. 37, SDA Complex,
Kasumpti Shimla -171009

Sub:- Standards of Performance (SOP) reporting under HPERC (Distribution Performance Standard) Regulations, 2010 - Submission of SAIDI, SAIFI and CAIDI, CAIFI return for FY 2023-24 (Qtr.-1 & Qtr.-2).

Sir,

The Circle wise Reliability indices (SAIDI, SAIFI, CAIDI and CAIFI) for the FY2023-24 (Qtr.-1 & Qtr.-2) of the HPSEBL is enclosed herewith for information please.

DA:- As Above

W5ith Regards,

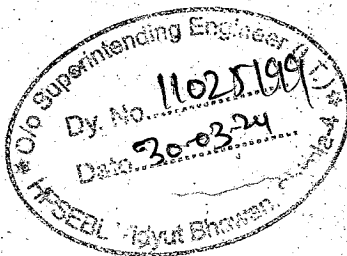
(Er. Anup Ram)
Chief Engineer (Comm.),
HPSEBL, Vidyut Bhawan,
Shimla- 171004

Copy to

1. The Electricity Ombudsman, Sharma Sadan, Behind Keonthal Commercial Complex, Khalini, Shimla-2 for kind information please.
2. The Superintending Engineer(IT) for uploading the Reliability Indices on the website of HPSEBL.

DA:- As Above

Chief Engineer (Comm.),
HPSEBL, Vidyut Bhawan,
Shimla- 171004



IT Cell HPSEBL, V.B. Shimla-4

Sr. Engineer (IT)

Sr. Engineer (IT) - II

Asst. Engineer (IT)

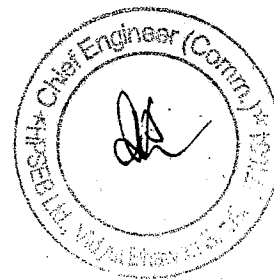
26/3/24 Sanjay

26/3

Er. Sanjay, SE (IT)

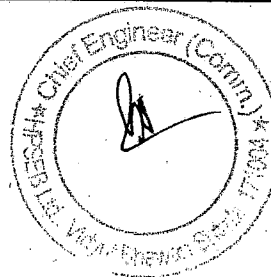
Reliability Indices (SAIDI, SAIFI, CAIDI, CAIFI), HPSEBL, FY23-24 1st Quarter

Sr.No.	Name of Circle	Total Consumer Served (NT)	Interrupted Consumer (ΣNi)	Duration of sustained Interrputio ns	Total Number of Interrupti	Σ(Ri*Ni)	No*Ni	SAIDI	SAIFI	CAIDI	CAIFI
1	3	4	5	6	7	8	9	10	11	12	13
	Nahan	176554	176551	74341	3560	172238645	9763479	976	55.3	17.641	55.3012
	Solan	273066	271600	121769	4372	230517084	7616573	844	27.893	30.265	28.0433
	Shimla	235739	166854.67	26300	2019	61522663	5750634	261	24.394	10.698	34.4649
	Rohru	85413	67867	19014	641	32661206	1062939	382	12.445	30.727	15.6621
	Rampur	158682	81953	36312	2846	89713063	5995753	565	37.785	14.963	73.1609
	Dalhousie	298464	289120	116845	4794	229575663	9323137	769	31.237	24.624	32.2466
	kangra	382142	215251.67	43602	1727	83905729	5743443	220	15.03	14.609	26.6825
	una	218543	76568.667	16403	668	10937915	558444.8	50	2.5553	19.586	7.29339
	Hamirpur	248963	247766	73856	2514	241481225	7701063	970	30.933	31.357	31.082
	Mandi	241803	241803	107135	1682	220949796	4402049	914	18.205	50.192	18.2051
	Bilaspur	264931	240502	57982	2526	165234084	8240820	624	31.106	20.051	34.2651
	Kullu	173282	137745	14738	406	31138181	1157799	180	6.6816	26.894	8.40538
		2757582	2213582	708297	27755	1569875254	67316134	569	24.411	23.321	30.4105
Average SAIDI		569							Minutes		
Average SAIFI		24.41									
Average CAIDI		23							Minutes		
Average CAIFI		30.41049927									



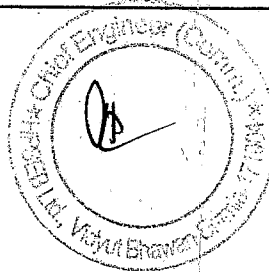
Realibility Indices (SAIDI, SAIFI, CAIDI, CAIFI), HPSEBL, FY23-24 2nd Quarter

Sr.No.	Name of Circle	Total Consumer	Interrupted Consumer	Duration of sustained	Total Number	$\Sigma(R_i \cdot N_i)$	No* N_i	SAIDI	SAIFI	CAIDI	CAIFI
1	3	4	5	6	7	8	9	10	11	12	13
	Nahan	180637	180634	56339	3358	131985558	8488155	731	46.99	15.549	46.9909
	Solan	279304	277732	189298	5952	411102088	10113331	1472	36.209	40.65	36.414
	Shimla	238851	152657.33	57574	2585	151408520	7385610	634	30.921	20.5	48.3803
	Rohru	85853	78382	26586	576	49831254	1071948	580	12.486	46.487	13.6759
	Rampur	158682	71264	30643	2878	53352429	4776720	336	30.102	11.169	67.0285
	Dalhousie	299866	283064	124366	5356	248708524	10673146	829	35.593	23.302	37.7058
	kangra	383487.3	241718	49936	2698	221984672	12436714	579	32.431	17.849	51.4513
	una	219386.3	82746.667	13786	867	14490808	888410	66	4.0495	16.311	10.7365
	Hamirpur	254800	223983	91665	3178	253438556	9434297	995	37.026	26.864	42.1206
	Mandi	244094	242581	136397	2897	316692236	7278050	1297	29.817	43.513	30.0026
	Bilaspur	266870.7	227295.67	128749	3304	410247425	10872051	1537	40.739	37.734	47.8322
	Kullu	175255	146479	139242.2	1472	333347180.8	3323000	1902	18.961	100.32	22.6858
		2787086	2208537	1044581	35121	2596589251	86741432	932	31.123	29.935	39.2755
Average SAIDI		932							Minutes		
Average SAIFI		31.12									
Average CAIDI		30							Minutes		
Average CAIFI		39.27552271									



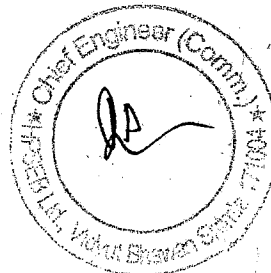
Realibility Indices (SAIDI, SAIFI, CAIDI, CAIFI), HPSEBL, FY23-24 1st Quarter Rural

Sr.No.	Name of Circle	Total Consumer Served (NT)	Interrupted Consumer (ΣNi)	Duration of sustained Interruptions	Total Number of Interruptions	Σ(Ri*Ni)	No*Ni	SAIDI	SAIFI	CAIDI	CAIFI
1	3	4	5	6	7	8	9	10	11	12	13
	Nahan	140596	140593	72934	3251	154549867	5582056	1099	39.703	27.687	39.7037
	Solan	189797	188770	101278	3282	197885645	6453635	1043	34.003	30.663	34.1878
	Shimla	68813	64840	9772	898	28916773	3237060	420	47.041	8.933	49.9238
	Rohru	69915	53868	18679	607	32287431	983333	462	14.065	32.835	18.2545
	Rampur	154702	81243	36201	2757	89634253	5932563	579	38.348	15.109	73.0225
	Dalhousie	271907	262740	113372	4693	222691036	9122520	819	33.55	24.411	34.7207
	kangra	302274	181461	38800	1435	79659676	4063024	264	13.442	19.606	22.3906
	una	187235	69151	11981	598	8671622	511506	46	2.7319	16.953	7.3969
	Hamirpur	213394	213394	65578	2213	213217463	6659301	999	31.207	32.018	31.2066
	Mandi	200096	200096	104139	1593	210030432	4064353	1050	20.312	51.676	20.312
	Bilaspur	220131	198102	52772	2245	138965865	6868888	631	31.204	20.231	34.6734
	Kullu	141027	111622	12930	330	25476712	860525	181	6.1018	29.606	7.70928
		2159887	1765881	638436	23902	1401986775	54338764	649	25.158	25.801	30.7715
Average SAIDI		649								Minutes	
Average SAIFI		25.16									
Average CAIDI		26								Minutes	
Average CAIFI		30.77147543									



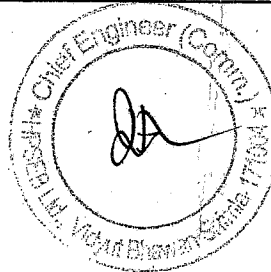
Realibility Indices (SAIDI, SAIFI, CAIDI, CAIFI), HPSEBL, FY23-24 2nd Quarter Rural

Sr.No.	Name of Circle	Total Consumer	Interrupted Consumer	Duration of sustained	Total Number of	$\Sigma(Ri \cdot Ni)$	No*Ni	SAIDI	SAIFI	CAIDI	CAIFI
1	3	4	5	6	7	8	9	10	11	12	13
	Nahan	144073	144070	55140	3206	103109978	4846732	716	33.641	21.274	33.6415
	Solan	195042	193978	145995	4606	307679142	8252943	1578	42.314	37.281	42.5458
	Shimla	130141	103481	33250	2101	85919967	6287376	660	48.312	13.665	60.7587
	Rohru	70202	63373	26319	554	49396159	1001210	704	14.262	49.336	15.7987
	Rampur	154702	70554	30465	2807	53226049	4726310	344	30.551	11.262	66.9885
	Dalhousie	273289	261909	123436	5315	247404943	10595719	905	38.771	23.35	40.4557
	kangra	302476.333	192448	46348	2371	215932266	11767724	714	38.905	18.35	61.1476
	una	187737.333	74588	11847	817	12710920	842837	68	4.4894	15.081	11.2999
	Hamirpur	218924	198197	83361	2816	229580797	8437813	1049	38.542	27.209	42.5729
	Mandi	200902	199389	119663	2678	254688738	6572151	1268	32.713	38.753	32.9615
	Bilaspur	221871.667	186794	106085	2893	297391085	8881274	1340	40.029	33.485	47.5459
	Kullu	140377	115622	123065	1379	287823614	2895750	2050	20.628	99.395	25.045
		2239737	1804403	904974	31543	2144863658	75107839	958	33.534	28.557	41.6248
Average SAIDI		958							Minutes		
Average SAIFI		33.53									
Average CAIDI		29							Minutes		
Average CAIFI		41.62475844									



Realibility Indices (SAIDI, SAIFI, CAIDI, CAIFI), HPSEBL, FY23-24 1st Quarter Urban

Sr.No.	Name of Circle	Total Consumer	Interrupted Consumer	Duration of sustained	Total Number of	$\sum(Ri \cdot Ni)$	No* Ni	SAIDI	SAIFI	CAIDI	CAIFI
1	3	4	5	6	7	8	9	10	11	12	13
	Nahan	35958	35958	1407	309	17688778	4181423	492	116.29	4.2303	116.286
	Solan	83269	82830	20491	1090	32631439	1162938	392	13.966	28.059	14.0401
	Shimla	166926	102015	16528	1121	32605890	2513574	195	15.058	12.972	24.6393
	Rohru	15498	13999	335	34	373775	79606	24	5.1365	4.6953	5.68655
	Rampur	3980	710	111	89	78810	63190	20	15.877	1.2472	89
	Dalhousie	26557	26380	3473	101	6884627	200617	259	7.5542	34.317	7.60489
	kangra	79868	33790	4802	292	4246053	1680419	53	21.04	2.5268	49.7308
	una	31308	7417	4422	70	2266293	46939	72	1.4993	48.282	6.32829
	Hamirpur	35569	34372	8278	301	28263762	1041762	795	29.288	27.131	30.3084
	Mandi	41707	41707	2996	89	10919364	337696	262	8.0969	32.335	8.09687
	Bilaspur	44800	42400	5210	281	26268219	1371932	586	30.623	19.147	32.3571
	Kullu	32255	26123	1808	76	5661469	297274	176	9.2164	19.045	11.3798
		597695	447701	69861	3853	167888479	12977370	281	21.712	12.937	28.9867
Average SAIDI		281							Minutes		
Average SAIFI		21.71									
Average CAIDI		13							Minutes		
Average CAIFI		28.98668978									



Realibility Indices (SAIDI, SAIFI, CAIDI, CAIFI), HPSEBL, FY23-24 2nd Quarter

Sr.No.	Name of Circle	Total Consumer	Interrupted Consumer	Duration of sustained	Total Number of	$\Sigma(Ri \cdot Ni)$	No* Ni	SAIDI	SAIFI	CAIDI	CAIFI
1	3	4	5	6	7	8	9	10	11	12	13
	Nahan	36564	36564	1199	152	28875580	3641423	790	99.59	7.9298	99.5904
	Solan	84262	83754	43303	1346	103422946	1860388	1227	22.079	55.592	22.2125
	Shimla	108710	49176	24324	484	65488553	1098234	602	10.102	59.631	22.3326
	Rohru	15651	15009	267	22	435095	70738	28	4.5197	6.1508	4.71304
	Rampur	3980	710	178	71	126380	50410	32	12.666	2.507	71
	Dalhousie	26577	21155	930	41	1303581	77427	49	2.9133	16.836	3.65999
	kangra	81011	49270	3588	327	6052406	668990	75	8.258	9.0471	13.578
	una	31649	8158	1939	50	1779888	45573	56	1.44	39.056	5.58607
	Hamirpur	35876	25786	8304	362	23857759	996484	665	27.776	23.942	38.6444
	Mandi	43192	43192	16734	219	62003498	705899	1436	16.343	87.836	16.3433
	Bilaspur	44999	40502	22664	411	112856340	1990777	2508	44.24	56.69	49.1526
	Kullu	34878	30857	16177	93	45523567	427250	1305	12.25	106.55	13.8461
		547349	404134	139607	3578	451725593	11633593	825	21.254	38.829	28.7865
Average SAIDI		825							Minutes		
Average SAIFI		21.25									
Average CAIDI		39							Minutes		
Average CAIFI		28.78649803									

