

B. E. S. & T. UNDERTAKING

Annexure - VII

**Performance Report regarding Reliability Indices
Format for Quarterly Returns to be submitted to the Commission by the Distribution Licensee****(i) System Average Interruption Duration Index (SAIDI)**

January 24 to March 24

Sr. No.	Month	Ni = No. of Consumers who experienced a sustained interruption on i th Feeder	Ri = Restoration Time for each interruption event on i th Feeder	Nt = Total No. of consumers of the Distribution Licensee area	Sum (Ri X Ni) for all Feeders excluding agri. Feeders	SAIDI = (6) / (5)
(1)	2	3	4	5	6	7
1	Jan-24	153991	28.13	1047987	4331769	4.13
2	Feb-24	122282	29.21	1047987	3571633	3.41
3	Mar-24	197755	31.14	1047987	6158476	5.88
Total						13.42

(ii) System Average Interruption Frequency Index (SAIFI)

Sr. No.	Month	Ni = No. of Consumers who experienced a sustained interruption on i th Feeder	Sum of Consumers of i th feeder which had experienced interruptions = Sum Ni	Nt = Total No. of consumers of the Distribution Licensee area	SAIFI = (4) / (5)
(1)	2	3	4	5	6
1	Jan-24	153991	153991	1047987	0.15
2	Feb-24	122282	122282	1047987	0.12
3	Mar-24	197755	197755	1047987	0.19
Total					0.45

(iii) Consumer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
(1)	2	3	4	5
1	Jan-24	4.13	0.15	28.13
2	Feb-24	3.41	0.12	29.21
3	Mar-24	5.88	0.19	31.14
Total		13.42	0.45	29.66

(iv) Customer Average Interruption Duration Index (CAIDI) For HT consumer

Sr. No.	Month	Ni=Number of Consumer who experienced a sustained interruption	Ri=Restoration time for each interruption event of HT Consumers	Sum, (Ri*Ni) for all HT Consumers	CAIDI=(5)/(3)
(1)	(2)	(3)	(4)	(5)	(6)
1	Jan-24	28	29.54	827	29.54
2	Feb-24	25	40.88	1022	40.88
3	Mar-24	29	30.93	897	30.93
Total		82		2746	33.49