

B. E. S. & T. UNDERTAKING

Annexure - IV

**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 2020 to March 2020

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)
	2	3	4	5	6	7
1	Jan-20	141831	23.41	1036422	3320687	3.20
2	Feb-20	173767	23.48	1036422	4079789	3.94
3	Mar-20	198646	21.23	1036422	4217846	4.07
Total		514244	22.59	1036422	11618322	11.21

(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)
	2	3	4	5	6
1	Jan-20	141831	141831	1036422	0.14
2	Feb-20	173767	173767	1036422	0.17
3	Mar-20	198646	198646	1036422	0.19
Total		514244	514244	1036422	0.50

(iii) Consumer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
	2	3	4	5
1	Jan-20	3.20	0.14	23.41
2	Feb-20	3.94	0.17	23.48
3	Mar-20	4.07	0.19	21.23
Total		11.21	0.50	22.59