

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)

October 2019 to December 2019

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	Oct-19	228760	27.08	1036422	6193817	5.98
2	Nov-19	268138	18.75	1036422	5026693	4.85
3	Dec-19	192754	22.63	1036422	4361775	4.21
Total		689652	22.82	1036422	15582285	15.03

(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	Oct-19	228760	228760	1036422	0.22
2	Nov-19	268138	268138	1036422	0.26
3	Dec-19	192754	192754	1036422	0.19
Total		689652	689652	1036422	0.67

(iii) Consumer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
	2	3	4	5
1	Oct-19	5.98	0.22	27.08
2	Nov-19	4.85	0.26	18.75
3	Dec-19	4.21	0.19	22.63
Total		15.03	0.67	22.59