

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)

Oct 25 to Dec 25

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) in minutes
	2	3	4	5	6	7
1	Oct-25	207350	28.37	1057134	5882346	5.56
2	Nov-25	145187	33.49	1057134	4862135	4.60
3	Dec-25	116082	33.23	1057134	3857637	3.65
Total						13.81

(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-25	207350	207350	1057134	0.20
2	Nov-25	145187	145187	1057134	0.14
3	Dec-25	116082	116082	1057134	0.11
Total					0.44

(iii) Consumer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI in mins
	2	3	4	5
1	Oct-25	5.56	0.20	28.37
2	Nov-25	4.60	0.14	33.49
3	Dec-25	3.65	0.11	33.23
Total		13.81	0.44	31.16

(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) in mins
(1)	(2)	(3)	(4)	(5)	(6)
1	Oct-25	27	39.15	1057	39.15
2	Nov-25	39	32.92	1284	32.92
3	Dec-25	19	38.00	722	38.00
Total		85		3063	36.03