

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)

Jul 25 to Sept 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	Jul-25	174979	26.95	1057134	4715627	4.46
2	Aug-25	232560	26.53	1057134	6169155	5.84
3	Sep-25	176972	29.79	1057134	5271422	4.99
Total						15.28

(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	Jul-25	174979	174979	1057134	0.17
2	Aug-25	232560	232560	1057134	0.22
3	Sep-25	176972	176972	1057134	0.17
Total					0.55

(iii) Consumer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI in mins
	2	3	4	5
1	Jul-25	4.46	0.17	26.95
2	Aug-25	5.84	0.22	26.53
3	Sep-25	4.99	0.17	29.79
Total				27.64

(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	Jul-25	30	28.67	860	28.67
2	Aug-25	29	35.93	1042	35.93
3	Sep-25	26	38.96	1013	38.96
Total		85		2915	34.29