

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 25 to March 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)
(1)	2	3	4	5	6	7
1	Jan-25	158886	27.36	1053284	4347233	4.13
2	Feb-25	121200	27.71	1053284	3358533	3.19
3	Mar-25	132812	25.71	1053284	3415079	3.24
Total						10.56

(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-25	158886	158886	1053284	0.15
2	Feb-25	121200	121200	1053284	0.12
3	Mar-25	132812	132812	1053284	0.13
Total					0.39

(iii) Consumer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
(1)	2	3	4	5
1	Jan-25	4.13	0.15	27.36
2	Feb-25	3.19	0.12	27.71
3	Mar-25	3.24	0.13	25.71
Total		10.56	0.39	26.93

(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-25	27	40.81	1102	40.81
2	Feb-25	27	31.37	847	31.37
3	Mar-25	35	50.00	1750	50.00
Total		89		3699	41.56