

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 TO MARCH 2021

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. 21	188995	22.28	1039645	4210329	4.05
2	Feb. 21	231877	20.40	1039645	4731063	4.55
3	Mar.21	278643	23.96	1039645	6676093	6.42
Total		699515	22.33	1039645	15617484	15.02

(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. 21	188995	188995	1039645	0.18
2	Feb. 21	231877	231877	1039645	0.22
3	Mar.21	278643	278643	1039645	0.27
Total		699515	699515	1039645	0.67

(iii) Consumer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
	2	3	4	5
1	Jan. 21	4.05	0.18	22.28
2	Feb. 21	4.55	0.22	20.40
3	Mar.21	6.42	0.27	23.96
Total		15.02	0.67	22.33

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