

B. E. S. & T. UNDERTAKING

Annexure - IV

Performance Report regarding Reliability Indices

Format for Quarterly (April-2019 to June-2019) Returns to be submitted to the Commission by the Distribution Licensee

(i) System Average Interruption Duration Index (SAIDI)

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	Apr-19	333371	27.82	1036422	9275268	8.95
2	May-19	339296	26.72	1036422	9064982	8.75
3	Jun-19	320547	28.38	1036422	9097282	8.78
TOTAL		993214	27.64	1036422	27437532	26.47

(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	Apr-19	333371	333371	1036422	0.32
2	May-19	339296	339296	1036422	0.33
3	Jun-19	320547	320547	1036422	0.31
TOTAL		993214	993214	1036422	0.96

(iii) Consumer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
1	2	3	4	5
1	Apr-19	8.95	0.32	27.82
2	May-19	8.75	0.33	26.71
3	Jun-19	8.78	0.31	28.38
TOTAL		26.47	0.96	27.62