

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)

April to June (Q-I of FY 2020-21)

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-20	242388	22.76	1039645	5516211	5.31
2	May-20	193201	22.32	1039645	4312431	4.15
3	Jun-20	212737	21.05	1039645	4477302	4.31
Total		648326	22.07	1039645	14305944	13.76

(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-20	242388	242388	1039645	0.23
2	May-20	193201	193201	1039645	0.19
3	Jun-20	212737	212737	1039645	0.20
Total		648326	648326	1039645	0.62

(iii) Consumer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
	2	3	4	5
1	Apr-20	5.31	0.23	22.76
2	May-20	4.15	0.19	22.32
3	Jun-20	4.31	0.20	21.05
Total		13.76	0.62	22.07