

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)

Q II of FY 2020-21 i.e. July 20 to September 2020

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	Jul-20	250327	25.54	1039645	6392678	6.15
2	Aug-20	305366	26.56	1039645	8110217	7.80
3	Sep-20	288859	25.34	1039645	7320720	7.04
Total		844552	25.84	1039645	21823616	20.99

(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-20	250327	250327	1039645	0.24
2	Aug-20	305366	305366	1039645	0.29
3	Sep-20	288859	288859	1039645	0.28
Total		844552	844552	1039645	0.81

(iii) Consumer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
1	2	3	4	5
1	Jul-20	6.15	0.24	25.54
2	Aug-20	7.80	0.29	26.56
3	Sep-20	7.04	0.28	25.34
Total		20.99	0.81	25.84