

## 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)

October 2020 to December 2020 (QTR-III of FY 2020-21)

Sr. No.	Month	Ni = No. of Consumers who experienced a sustained interruption on i <sup>th</sup> Feeder	Ri = Restoration Time for each interruption event on i <sup>th</sup> 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	Oct-20	286232	27.06	1039645	7744623	7.45
2	Nov-20	122284	22.30	1039645	2726722	2.62
3	Dec-20	136925	23.85	1039645	3265301	3.14
Total		545441	25.18	1039645	13736646	13.21

(ii) System Average Interruption Frequency Index (SAIFI)

Sr. No.	Month	Ni = No. of Consumers who experienced a sustained interruption on i <sup>th</sup> Feeder	Sum of Consumers of i <sup>th</sup> 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	Oct-20	286232	286232	1039645	0.28
2	Nov-20	122284	122284	1039645	0.12
3	Dec-20	136925	136925	1039645	0.13
Total		545441	545441	1039645	0.52

(iii) Consumer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
	2	3	4	5
1	Oct-20	7.45	0.28	27.06
2	Nov-20	2.62	0.12	22.30
3	Dec-20	3.14	0.13	23.85
Total		13.21	0.52	25.18