

**B. E. S. & T. UNDERTAKING**

Annexure - IV

Performance Report regarding Reliability Indices  
Format for Quarterly / YEARLY Returns to be submitted to the Commission by the Distribution Licensee

**(i) System Average Interruption Duration Index (SAIDI)**

April 2019 to March 2020

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	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
4	Jul-19	326530	27.48	1036422	8972905	8.66
5	Aug-19	195394	25.83	1036422	5047994	4.87
6	Sep-19	267243	21.78	1036422	5820183	5.62
7	Oct-19	228760	27.08	1036422	6193817	5.98
8	Nov-19	268138	18.75	1036422	5026693	4.85
9	Dec-19	192754	22.63	1036422	4361775	4.21
10	Jan-20	141831	23.41	1036422	3320687	3.20
11	Feb-20	173767	23.48	1036422	4079789	3.94
12	Mar-20	198646	21.23	1036422	4217846	4.07
<b>Total</b>		<b>2986277</b>	<b>24.94</b>	<b>1036422</b>	<b>74479222</b>	<b>71.86</b>

**(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	Apr-19	333371	333371	1036422	0.32
2	May-19	339296	339296	1036422	0.33
3	Jun-19	320547	320547	1036422	0.31
4	Jul-19	326530	326530	1036422	0.32
5	Aug-19	195394	195394	1036422	0.19
6	Sep-19	267243	267243	1036422	0.26
7	Oct-19	228760	228760	1036422	0.22
8	Nov-19	268138	268138	1036422	0.26
9	Dec-19	192754	192754	1036422	0.19
10	Jan-20	141831	141831	1036422	0.14
11	Feb-20	173767	173767	1036422	0.17
12	Mar-20	198646	198646	1036422	0.19
<b>Total</b>		<b>2986277</b>	<b>2986277</b>	<b>1036422</b>	<b>2.88</b>

**(iii) Consumer Average Interruption Duration Index (CAIDI)**

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
	2	3	4	5
1	Apr-19	8.95	0.32	27.82
2	May-19	8.75	0.33	26.72
3	Jun-19	8.78	0.31	28.38
4	Jul-19	8.66	0.32	27.48
5	Aug-19	4.87	0.19	25.83
6	Sep-19	5.62	0.26	21.78
7	Oct-19	5.98	0.22	27.08
8	Nov-19	4.85	0.26	18.75
9	Dec-19	4.21	0.19	22.63
10	Jan-20	3.20	0.14	23.41
11	Feb-20	3.94	0.17	23.48
12	Mar-20	4.07	0.19	21.23
<b>Total</b>		<b>71.86</b>	<b>2.88</b>	<b>24.94</b>