

## 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)

July 2019 to September 2019 (Q-II)

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	Jul-19	326530	27.48	1036422	8972905	8.66
2	Aug-19	195394	25.83	1036422	5047994	4.87
3	Sep-19	267243	21.78	1036422	5820183	5.62
<b>Total</b>		<b>789167</b>	<b>25.03</b>	<b>1036422</b>	<b>19841082</b>	<b>19.14</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	Jul-19	326530	326530	1036422	0.32
2	Aug-19	195394	195394	1036422	0.19
3	Sep-19	267243	267243	1036422	0.26
<b>Total</b>		<b>789167</b>	<b>789167</b>	<b>1036422</b>	<b>0.76</b>

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

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
	2	3	4	5
1	Jul-19	8.66	0.32	27.48
2	Aug-19	4.87	0.19	25.83
3	Sep-19	5.62	0.26	21.78
<b>Total</b>		<b>19.14</b>	<b>0.76</b>	<b>25.14</b>