

**M.S.E.D.C.L.**

**Annexure- IV**

**Performance Report regarding Reliability Indices**

**Format for Quarterly Reports to be submitted to the Commission by the Distribution Licensee (Dec-2018)**

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

Sr.No.	Month	Ni = Number 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 number of consumers of the distribution Licensees area	Sum (Ri*Ni) for all feeders excluding argi. Feeders)	SAIDI = (6)/(5)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	October-18	40308855	759174	20961962	2168998406	103.47
2	November-18	32587142	603239	21055234	1817485482	86.32
3	December-18	28657193	569760	21184904	1624497630	76.68
	<b>Total</b>	<b>101553190</b>	<b>1932173</b>	<b>63202100</b>	<b>5610981518</b>	<b>88.78</b>

**(2) System Average Interruption Frequency Index (SAIFI)**

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on i <sup>th</sup> feeder	Sum of consumers of i feeders which had experienced interruptions = Sum Ni	Nt = Total number of consumers of the distribution Licensees area	SAIFI = (4)/(5)
(1)	(2)	(3)	(4)	(5)	(6)
1	October-18	40308855	40308855	20961962	1.92
2	November-18	32587142	32587142	21055234	1.55
3	December-18	28657193	28657193	21184904	1.35
	<b>Total</b>	<b>101553190</b>	<b>101553190</b>	<b>63202100</b>	<b>1.61</b>

**(3) Customer Average Interruption Duration Index (CAIDI)**

Sr.No.	Month	SAIDI	SAIFI	(CAIDI) =(3)/(4)
(1)	(2)	(3)	(4)	(5)
1	October-18	103.47	1.92	53.81
2	November-18	86.32	1.55	55.77
3	December-18	76.68	1.35	56.69
	<b>Total</b>	<b>88.78</b>	<b>1.61</b>	<b>55.25</b>

**Note:-**

The Indices provided herein are computed based on the data provided by the field offices which is subjected to subsequent corrections if any.