

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 (Sept-2018)****(1) System Average Interruption Duration Index (SAIDI)**

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on i th feeder	Ri = Restoration time for each interruption event on i th 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	July-18	51911970	949372	20840643	2766355896	132.74
2	August-18	35389632	701592	20896382	2037418903	97.50
3	September-18	33728811	639275	20911663	1930068226	92.30
	Total	121030413	2290239	62648688	6733843025	107.49

(2) System Average Interruption Frequency Index (SAIFI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on i th 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	July-18	51911970	51911970	20840643	2.49
2	August-18	35389632	35389632	20896382	1.69
3	September-18	33728811	33728811	20911663	1.61
	Total	121030413	121030413	62648688	1.93

(3) Customer Average Interruption Duration Index (CAIDI)

Sr.No.	Month	SAIDI	SAIFI	(CAIDI) =(3)/(4)
(1)	(2)	(3)	(4)	(5)
1	July-18	132.74	2.49	53.29
2	August-18	97.50	1.69	57.57
3	September-18	92.30	1.61	57.22
	Total	107.49	1.93	55.64

Note:-

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