

**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 (June-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	April-18	46007954	853044	20048496	2537316941	126.56
2	May-18	47113102	926600	20665808	2714785630	131.37
3	June-18	59096540	1203356	20766896	3396267779	163.54
	<b>Total</b>	<b>152217596</b>	<b>2983000</b>	<b>61481200</b>	<b>8648370350</b>	<b>140.67</b>

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

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith 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	April-18	46007954	46007954	20048496	2.29
2	May-18	47113102	47113102	20665808	2.28
3	June-18	59096540	59096540	20766896	2.85
	<b>Total</b>	<b>152217596</b>	<b>152217596</b>	<b>61481200</b>	<b>2.48</b>

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

Sr.No.	Month	SAIDI	SAIFI	(CAIDI) =(3)/(4)
(1)	(2)	(3)	(4)	(5)
1	April-18	126.56	2.29	55.15
2	May-18	131.37	2.28	57.62
3	June-18	163.54	2.85	57.47
	<b>Total</b>	<b>140.67</b>	<b>2.48</b>	<b>56.82</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.