



**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.**

**Annexure- IV**

**Performance Report regarding Reliability Indices**

Format for Quarterly Reports to be submitted to the Commission by the Distribution Licensee (Jun-2021)

**(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) (In minutes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Apr-21	44658734	3507976	23805468	7212748254	302.99
2	May-21	32109953	2537603	23937212	8552092064	357.27
3	Jun-21	37647460	2868372	23937212	9996594910	417.62
	<b>Total</b>	<b>114416147</b>	<b>8913951</b>	<b>71679892</b>	<b>25761435229</b>	<b>359.40</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	Apr-21	44658734	44658734	23805468	1.88
2	May-21	32109953	32109953	23937212	1.34
3	Jun-21	37647460	37647460	23937212	1.57
	<b>Total</b>	<b>114416147</b>	<b>114416147</b>	<b>71679892</b>	<b>1.60</b>

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

Sr.No.	Month	SAIDI	SAIFI	(CAIDI)
(1)	(2)	(3)	(4)	(5) = (3)/(4)
1	Apr-21	302.99	1.88	161.51
2	May-21	357.27	1.34	266.34
3	Jun-21	417.62	1.57	265.53
	<b>Total</b>	<b>359.40</b>	<b>1.60</b>	<b>225.16</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.