

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 (Mar-2019)

(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	January-19	22096037	470747	21359733	1281002238	59.97
2	February-19	23897627	503202	21461832	1367031591	63.70
3	March-19	31521123	609412	21479604	1691799170	78.76
	Total	77514787	1583361	64301169	4339832999	67.49

(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	January-19	22096037	22096037	21359733	1.03
2	February-19	23897627	23897627	21461832	1.11
3	March-19	31521123	31521123	21479604	1.47
	Total	77514787	77514787	64301169	1.21

(3) Customer Average Interruption Duration Index (CAIDI)

Sr.No.	Month	SAIDI	SAIFI	(CAIDI) =(3)/(4)
(1)	(2)	(3)	(4)	(5)
1	January-19	59.97	1.03	57.97
2	February-19	63.70	1.11	57.20
3	March-19	78.76	1.47	53.67
	Total	67.49	1.21	55.99

Note:-

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