

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.

Annexure- VII

Performance Report regarding Reliability Indices

Format for Quarterly Reports to be submitted to the Commission by the Distribution Licensee (Qtr Mar-2025)

(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) (In minutes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Jan-25	52257136	5792956	26261940	3430474482	130.63
2	Feb-25	62295954	2313114	26382231	3530880864	133.84
3	Mar-25	67063956	2872345	26312246	4043082992	153.66
	Total	181617046	10978415	78956417	11004438338	139.37

(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	Jan-25	52257136	52257136	26261940	1.99
2	Feb-25	62295954	62295954	26382231	2.36
3	Mar-25	67063956	67063956	26312246	2.55
	Total	181617046	181617046	78956417	2.30

(3) Customer Average Interruption Duration Index (CAIDI)

Sr.No.	Month	SAIDI	SAIFI	(CAIDI)
(1)	(2)	(3)	(4)	(5) = (3)/(4)
1	Jan-25	130.63	1.99	65.65
2	Feb-25	133.84	2.36	56.68
3	Dec-24	153.66	2.55	60.29
	Total	139.37	2.30	60.59

(4) Customer Average Interruption Duration Index (CAIDI) for HT Consumer

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Ri = Restoration time for each interruption event on HT Consumer	Sum (Ri*Ni) for all HT consumer	(CAIDI)
(1)	(2)	(3)	(4)	(5)	(6) = (5)/(3)
1	Jan-25	47218	4952856	4952856	104.89
2	Feb-25	48667	4832190	4832190	99.29
3	Dec-24	56285	4782392	4782392	84.97
	Total	152170	14567438	14567438	95.73

Note:-

The indices are computed based on the data fetched by the System which is subjected to subsequent updation, if any.