

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 SEP-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	Jul-25	41700643	1636383	26590794	2304625337	86.67
2	Aug-25	79922065	2626636	26683154	4177373361	156.55
3	Sep-25	81252582	3236821	26772735	4548355650	169.89
	Total	202875290	7499840	80046683	11030354348	137.80

(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	Jul-25	41700643	41700643	26590794	1.57
2	Aug-25	79922065	79922065	26683154	3.00
3	Sep-25	81252582	81252582	26772735	3.03
	Total	202875290	202875290	80046683	2.53

(3) Customer Average Interruption Duration Index (CAIDI)

Sr.No.	Month	SAIDI	SAIFI	(CAIDI)
(1)	(2)	(3)	(4)	(5) = (3)/(4)
1	Jul-25	86.67	1.57	55.27
2	Aug-25	156.55	3.00	52.27
3	Sep-25	169.89	3.03	55.98
	Total	137.80	2.53	54.37

(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	Jul-25	60437	4965519	4965519	82.16
2	Aug-25	56683	4657178	4657178	82.16
3	Sep-25	56264	4549939	4549939	80.87
	Total	173384	14172636	14172636	81.74

Note:-

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