

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 JUN-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	Apr-25	83627873	4057563	26276565	5280621925	200.96
2	May-25	121693236	3651600	26386609	5403624786	204.79
3	Jun-25	66441519	2797593	26490178	3378054833	127.52
	Total	271762628	10506756	79153352	14062301544	177.66

(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	Apr-25	83627873	83627873	26276565	3.18
2	May-25	121693236	121693236	26386609	4.61
3	Jun-25	66441519	66441519	26490178	2.51
	Total	271762628	271762628	79153352	3.43

(3) Customer Average Interruption Duration Index (CAIDI)

Sr.No.	Month	SAIDI	SAIFI	(CAIDI)
(1)	(2)	(3)	(4)	(5) = (3)/(4)
1	Apr-25	200.96	3.18	63.14
2	May-25	204.79	4.61	44.40
3	Jun-25	127.52	2.51	50.84
	Total	177.66	3.43	51.74

(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	Apr-25	68412	5859903	5859903	85.66
2	May-25	72089	5548203	5548203	76.96
3	Jun-25	67858	5179668	5179668	76.33
	Total	208359	16587774	16587774	79.61

Note:-

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