

Annexure-VII- Performance Report regarding Reliability Indices
Format for Quarterly Return to be submitted to the Commission by the NIDAR Utilities Panvel LLP
(1) System Average Interruption Duration Index (SAIDI)

Sr. No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Ri= Restoration time for each interruption event on ith feeder	Nt=Total number of consumers of the distribution Licensees area	Sum (Ri*Ni) for all feeders excluding agri. Feeders)	SAIDI = 6/5 (in Min)
(1).	(2).	(3).	(4).	(5).	(6).	(7).
1	Jul-24	2306	45	2308	103770	44.961
2	Aug-24	2	13	2313	26	0.011
3	Sep-24	1	6	2313	6	0.003
	Total	76	10	2317	760	0.328
		2385	74	2317	104562	45.303

(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-24	2306	2306	2308	1.00
2	Aug-24	2	2	2313	0.00
3	Sep-24	1	1	2313	0.00
	Total	76	76	2317	0.03
		2385	2385	2317	1.03

(3) Customer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
(1).	(2).	(3).	(4).	(5).
1	Jul-24	44.96	1.00	45.00
2	Aug-24	0.00	0.00	6.00
3	Sep-24	0.33	0.03	10.00
	Total	45.29	1.03	61.00

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

Sr. No.	Month	Ni = Number of HT consumers who experienced a sustained interruption	Ri= Restoration time for each interruption event of HT Consumers	Sum. (Ri*Ni) for all HT Consumers	CAIDI = (5)/(3)
(1).	(2).	(3).	(4).	(5).	(6).
1	Jul-24	5.00	45.00	225.00	45.00
2	Aug-24	0.00	0.00	0.00	0.00
3	Sep-24	0.00	0.00	0.00	0.00
	Total	5.00	45.00	225.00	45.00

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