

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	Jan-23	0	0	1845	0	0
2	Feb-23	1894	13	1894	24622	13
3	Mar-23	0	0	1958	0	0
	Total	1894	13	1958	24622	13

(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-23	0	0	1845	0.00
2	Feb-23	1894	1894	1894	1.00
3	Mar-23	0	0	1958	0.00
	Total	1894	1894	1958	1.00

(3) Customer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
(1).	(2).	(3).	(4).	(5).
1	Jan-23	0.00	0.00	0.00
2	Feb-23	13.00	1.00	13.00
3	Mar-23	0.00	0.00	0.00
	Total	13.00	1.00	13.00

(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	Jan-23	0.00	0.00	0.00	0.00
2	Feb-23	5.00	13.00	65.00	13.00
3	Mar-23	0.00	0.00	0.00	0.00
	Total	5.00	13.00	65.00	13.00



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