

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	Apr-23	1115	81	1998	90315	45
		1958	7	1998	13706	7
		1958	22	1998	43076	22
2	May-23	831	7	2030	5817	3
		831	60	2030	49860	25
3	Jun-23	0	0	2079	0	0
	Total	6693	177	2079	202774	101

(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-23	1115	1115	1998	0.56
		1958	1958	1998	0.98
		1958	1958	1998	0.98
2	May-23	831	831	2030	0.41
		831	831	2030	0.41
3	Jun-23	0	0	2079	0.00
	Total	6693	6693	2079	3.34

(3) Customer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
(1).	(2).	(3).	(4).	(5).
1	Apr-23	74.00	2.52	29.37
2	May-23	28.00	0.82	34.15
3	Jun-23	0.00	0.00	0.00
	Total	102.00	3.34	63.51

(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	Apr-23	4.00	7.00	28.00	7.00
2	May-23	0.00	0.00	0.00	0.00
3	Jun-23	0.00	0.00	0.00	0.00
	Total	4.00	7.00	28.00	7.00



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