

Annexure-IV
Performance Report regarding Reliability Indices By Nidar Utilities Panvel LLP
(I) 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 = 5/5 (in Min)
(1).	(2).	(3).	(4).	(5).	(6).	(7).
1	Jan-20	0	0	349	0	0
2	Feb-20	0	0	420	0	0
3	Mar-20	436	13	439	5668	12.91
		436	61	439	26596	60.58
	Total	872	74	439	32264	73.49

(II) 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	Nt=Total number of consumers of the distribution Licensees area	SAIFI = (4)/(5)
(1).	(2).	(3).	(4).	(5).	(6).
1	Jan-20	0	0	349	0.00
2	Feb-20	0	0	420	0.00
3	Mar-20	436	436	439	0.99
		436	436	439	0.99
	Total	872	872	439	2

(III) Customer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
(1).	(2).	(3).	(4).	(5).
1	Jan-20	0.00	0.00	0.00
2	Feb-20	0.00	0.00	0.00
3	Mar-20	73.49	1.99	37.00
Total		73.49	1.99	37.00

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