

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 = 6/5 (in Min)
(1).	(2).	(3).	(4).	(5).	(6).	(7).
1	Jul-19	136	25.00	142	3400.00	23.94
2	Jul-19	142	8.00	142	1136.00	8.00
3	Jul-19	142	8.00	142	1136.00	8.00
Total	Jul-19	420	41	142	5672	39.94
4	Aug-19	0	0	141	0.00	0.00
5	Sep-19	0	0	141	0.00	0.00
Total	Total	420.00	41.00	141	5672.00	39.94

(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	Jul-19	136	136	142	0.96
	Jul-19	142	142	142	1.000
	Jul-19	142	142	142	1.000
Total	Jul-19	420	420	142	2.96
2	Aug-19	0	0	141	0.000
3	Sep-19	0	0	141	0.000
Total	Total	420	420	141	2.96

(III) Customer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
(1).	(2).	(3).	(4).	(5).
1	Jul-19	39.94	2.958	13.50
2	Aug-19	0.00	0.000	0.00
3	Sep-19	0.00	0.000	0.00
Total	Total	39.94	2.96	13.50

*Prashant*  
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