

**Annexure-VII- Performance Report regarding Reliability Indices**  
**Format for Quarterly Return to be submitted to the Commission by the NIDAR Utilities Panel 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	Oct-21	0	0	1225	0	0
2	Nov-21	592	41	1226	24272	19.80
3	Dec-21	0	0	1213	0	0
	Total	592	41	1213	24272	19.80

**(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	Oct-21	0	0	1225	0.00
2	Nov-21	592	592	1226	0.48
3	Dec-21	0	0	1213	0.00
	Total	592	592	1213	0.48

**(3) Customer Average Interruption Duration Index (CAIDI)**

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
(1).	(2).	(3).	(4).	(5).
1	Oct-21	0.00	0.00	0.00
2	Nov-21	19.80	0.48	0.00
3	Dec-21	0.00	0.00	0.00
	Total	19.80	0.48	0.00

**(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	Oct-21	0.00	0.00	0.00	0.00
2	Nov-21	1.00	41.00	41.00	41.00
3	Dec-21	0.00	0.00	0.00	0.00
	Total	1.00	41.00	41.00	41.00

  
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