

**Annexure-IV**  
**Performance Report regarding Reliability Indices : Year 2019-2020**

**(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 minutes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Apr-19	730624	32.32	3032126	23616378	7.7887
2	May-19					
3	Jun-19					
4	Jul-19					
5	Aug-19					
6	Sep-19					
7	Oct-19					
8	Nov-19					
9	Dec-19					
10	Jan-20					
11	Feb-20					
12	Mar-20					
	Total	730624	32.32	3032126	23616378	7.7887

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**(2) System Average Interruption Frequency Index (SAIFI)**

Sr.No.	Interruption 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) (Events)
(1)	(2)	(3)	(4)	(5)	(6)
1	Apr-19	730624	730624	3032126	0.2410
2	May-19				
3	Jun-19				
4	Jul-19				
5	Aug-19				
6	Sep-19				
7	Oct-19				
8	Nov-19				
9	Dec-19				
10	Jan-20				
11	Feb-20				
12	Mar-20				
	Total	730624	730624	3032126	0.2410

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

Sr.No.	Interruption Month	SAIDI	SAIFI	SAIDI/SAIFI (CAIDI in Minutes)
(1)	(2)	(3)	(4)	(5)
1	Apr-19	7.7887	0.2410	32.3236
2	May-19			
3	Jun-19			
4	Jul-19			
5	Aug-19			
6	Sep-19			
7	Oct-19			
8	Nov-19			
9	Dec-19			
10	Jan-20			
11	Feb-20			
12	Mar-20			
	Total	7.7887	0.2410	32.3236