

**Annexure-IV**  
**Performance Report regarding Reliability Indices : Year 2020-2021**

**(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-20	286762	27.21	3052631	7803087	2.56
2	May-20	445436	33.25	3053452	14810043	4.85
3	Jun-20	252448	29.86	3054963	7537961	2.47
4	Jul-20	148916	25.42	3056990	3785471	1.24
5	Aug-20	138021	27.94	3059026	3855936	1.26
6	Sep-20	194300	27.53	3061509	5349325	1.75
7	Oct-20	435433	31.48	3064447	13708219	4.47
8	Nov-20	300026	30.36	3067787	9108531	2.97
9	Dec-20					
10	Jan-21					
11	Feb-21					
12	Mar-21					
	Total	2201342	29.96	3067787	65958573	21.50

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**Performance Report regarding Reliability Indices : Year 2020-2021**

**(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-20	286762	286762	3052631	0.09
2	May-20	445436	445436	3053452	0.15
3	Jun-20	252448	252448	3054963	0.08
4	Jul-20	148916	148916	3056990	0.05
5	Aug-20	138021	138021	3059026	0.05
6	Sep-20	194300	194300	3061509	0.06
7	Oct-20	435433	435433	3064447	0.14
8	Nov-20	300026	300026	3067787	0.10
9	Dec-20				
10	Jan-21				
11	Feb-21				
12	Mar-21				
	Total	2201342	2201342	3067787	0.72

**Annexure-IV****Performance Report regarding Reliability Indices : Year 2020-2021****(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-20	2.56	0.09	27.21
2	May-20	4.85	0.15	33.25
3	Jun-20	2.47	0.08	29.86
4	Jul-20	1.24	0.05	25.42
5	Aug-20	1.26	0.05	27.94
6	Sep-20	1.75	0.06	27.53
7	Oct-20	4.47	0.14	31.48
8	Nov-20	2.97	0.10	30.36
9	Dec-20			
10	Jan-21			
11	Feb-21			
12	Mar-21			
	Total	21.50	0.72	29.96