

**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	3035663	23616378	7.7796
2	May-19	575780	36.10	3038118	20784055	6.8411
3	Jun-19	424099	30.85	3039892	13081842	4.3034
4	Jul-19	185200	28.18	3041472	5219473	1.7161
5	Aug-19	172372	38.91	3045167	6707121	2.2025
6	Sep-19	132304	22.97	3043975	3038940	0.9983
7	Oct-19	232115	40.55	3044203	9413326	3.0922
8	Nov-19	280028	30.29	3044810	8482810	2.7860
9	Dec-19	333651	24.17	3046946	8063597	2.6465
10	Jan-20	235078	33.33	3047780	7836212	2.5711
11	Feb-20	311992	28.44	3050286	8874401	2.9094
12	Mar-20	189038	23.15	3051917	4375592	1.4337
	Total	3802281	31.43	3051917	119493747	39.1537

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

**(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	3035663	0.2407
2	May-19	575780	575780	3038118	0.1895
3	Jun-19	424099	424099	3039892	0.1395
4	Jul-19	185200	185200	3041472	0.0609
5	Aug-19	172372	172372	3045167	0.0566
6	Sep-19	132304	132304	3043975	0.0435
7	Oct-19	232115	232115	3044203	0.0762
8	Nov-19	280028	280028	3044810	0.0920
9	Dec-19	333651	333651	3046946	0.1095
10	Jan-20	235078	235078	3047780	0.0771
11	Feb-20	311992	311992	3050286	0.1023
12	Mar-20	189038	189038	3051917	0.0619
	Total	3802281	3802281	3051917	1.2459

**Annexure-IV****Performance Report regarding Reliability Indices : Year 2019-2020****(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	7.7796	0.2407	32.3236
2	May-19	6.8411	0.1895	36.0972
3	Jun-19	4.3034	0.1395	30.8462
4	Jul-19	1.7161	0.0609	28.1829
5	Aug-19	2.2025	0.0566	38.9107
6	Sep-19	0.9983	0.0435	22.9694
7	Oct-19	3.0922	0.0762	40.5546
8	Nov-19	2.7860	0.0920	30.2927
9	Dec-19	2.6465	0.1095	24.1678
10	Jan-20	2.5711	0.0771	33.3345
11	Feb-20	2.9094	0.1023	28.4443
12	Mar-20	1.4337	0.0619	23.1466
	Total	39.1537	1.2459	31.4269