

**Annexure-IV**  
**Performance Report regarding Reliability Indices : Year 2018-2019**

**(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-18	762832	49.63	3011012	37863047	12.5749
2	May-18	684686	35.33	3012072	24189765	8.0309
3	Jun-18	321634	37.72	3015034	12130993	4.0235
4	Jul-18	216568	27.06	3013966	5860776	1.9445
5	Aug-18	161030	26.81	3015065	4317566	1.4320
6	Sep-18	205092	39.55	3014468	8111228	2.6908
7	Oct-18	383211	30.42	3017213	11658247	3.8639
8	Nov-18	238422	32.267	3018220	7693133	2.5489
9	Dec-18	214157	27.10	3022846	5803378	1.9198
10	Jan-19	197596	24.48	3024823	4837460	1.5993
11	Feb-19	266252	30.39	3027972	8092196	2.6725
12	Mar-19	375101	26.71	3032126	10018994	3.3043
	Total	4026581	34.91	3032126	140576781	46.3624

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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-18	762832	762832	3011012	0.2533
2	May-18	684686	684686	3012072	0.2273
3	Jun-18	321634	321634	3015034	0.1067
4	Jul-18	216568	216568	3013966	0.0719
5	Aug-18	161030	161030	3015065	0.0534
6	Sep-18	205092	205092	3014468	0.0680
7	Oct-18	383211	383211	3017213	0.1270
8	Nov-18	238422	238422	3018220	0.0790
9	Dec-18	214157	214157	3022846	0.0708
10	Jan-19	197596	197596	3024823	0.0653
11	Feb-19	266252	266252	3027972	0.0879
12	Mar-19	375101	375101	3032126	0.1237
	Total	4026581	4026581	3032126	1.3280

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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-18	12.5749	0.2533	49.6348
2	May-18	8.0309	0.2273	35.3297
3	Jun-18	4.0513	0.1096	36.9774
4	Jul-18	1.9445	0.0719	27.0621
5	Aug-18	1.4320	0.0534	26.8122
6	Sep-18	2.6908	0.0680	39.5492
7	Oct-18	3.8639	0.1270	30.4225
8	Nov-18	2.5489	0.0790	32.2669
9	Dec-18	1.9198	0.0708	27.0987
10	Jan-19	1.5993	0.0653	24.4816
11	Feb-19	2.6725	0.0879	30.3930
12	Mar-19	3.3043	0.1237	26.7106
	Total	46.3624	1.3280	34.9122