

**Annexure-IV**

**Performance Report regarding Reliability Indices : Year 2017-2018**

**(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-17	635383	30.83	2976898	19591155	6.5811
2	May-17	750932	41.61	2980010	31244738	10.4848
3	Jun-17	322884	36.26	2984869	11708923	3.9228
4	Jul-17	186052	40.22	2988544	7482333	2.5037
5	Aug-17	155433	40.79	2993668	6339704	2.1177
6	Sep-17	371106	30.49	2996751	11313839	3.7754
	Total	2421790	36.20	2996751	87680693	29.2586

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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-17	635383	635383	2976898	0.2134
2	May-17	750932	750932	2980010	0.2520
3	Jun-17	322884	322884	2984869	0.1082
4	Jul-17	186052	186052	2988544	0.0623
5	Aug-17	155433	155433	2993668	0.0519
6	Sep-17	371106	371106	2996751	0.1238
	Total	2421790	2421790	2996751	0.8081

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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-17	6.5811	0.2134	30.8336
2	May-17	10.4848	0.2520	41.6079
3	Jun-17	3.9228	0.1082	36.2636
4	Jul-17	2.5037	0.0623	40.2164
5	Aug-17	2.1177	0.0519	40.7874
6	Sep-17	3.7754	0.1238	30.4868
	Total	29.2586	0.8081	36.2049