

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
	Total	1895251	36.95	2988544	70027150	23.4319

Annexure-IV

Performance Report regarding Reliability Indices : Year 2017-2018

(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
	Total	1895251	1895251	2988544	0.6342

Annexure-IV

Performance Report regarding Reliability Indices : Year 2017-2018

(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
	Total	23.4319	0.6342	36.9487