

Annexure-IV
Performance Report regarding Reliability Indices : Year 2021-2022

(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-21	369047	28.47	3068896	10507117	3.42
2	May-21	396628	28.70	3068602	11384287	3.71
3	Jun-21	142974	26.97	3070494	3856253	1.26
4	Jul-21	187938	26.43	3073814	4967859	1.62
5	Aug-21	134571	24.96	3073039	3358864	1.09
6	Sep-21	145557	25.49	3071019	3710815	1.21
7	Oct-21	217850	27.29	3072687	5944285	1.93
8	Nov-21					
9	Dec-21					
10	Jan-22					
11	Feb-22					
12	Mar-22					
	Total	1594565	27.42	3072687	43729482	14.23

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Performance Report regarding Reliability Indices : Year 2021-2022

(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-21	369047	369047	3068896	0.12
2	May-21	396628	396628	3068602	0.13
3	Jun-21	142974	142974	3070494	0.05
4	Jul-21	187938	187938	3073814	0.06
5	Aug-21	134571	134571	3073039	0.04
6	Sep-21	145557	145557	3071019	0.05
7	Oct-21	217850	217850	3072687	0.07
8	Nov-21				
9	Dec-21				
10	Jan-22				
11	Feb-22				
12	Mar-22				
	Total	1594565	1594565	3072687	0.52

Annexure-IV**Performance Report regarding Reliability Indices : Year 2021-2022
(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-21	3.42	0.12	28.47
2	May-21	3.71	0.13	28.70
3	Jun-21	1.26	0.05	26.97
4	Jul-21	1.62	0.06	26.43
5	Aug-21	1.09	0.04	24.96
6	Sep-21	1.21	0.05	25.49
7	Oct-21	1.93	0.07	27.29
8	Nov-21			
9	Dec-21			
10	Jan-22			
11	Feb-22			
12	Mar-22			
	Total	14.23	0.52	27.42