



Annexure-VII

Performance Report regarding Reliability Indices

(1) System Average Interruption Duration Index (SAIDI)

(Regulation 22.12 of MERC, (Electricity Supply Code and Standards of Performance of Distribution Licensees including Power Quality) Regulations, 2021)

Sr. No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith	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
1	2	3	4	5	6	7
1	Apr-24	8362	12.54	230147	104901	0.46
2	May-24	14347	15.39	231747	220927	0.95
3	Jun-24	10990	16.08	232780	176793	0.76
4	Jul-24	1903	10.91	235266	20766	0.09
5	Aug-24	3509	10.37	237203	36396	0.15
6	Sep-24	2775	9.04	238108	25094	0.11
7	Oct-24	8738	17.56	239622	153466	0.64
8	Nov-24	4155	11.35	244215	47159	0.19
9	Dec-24	17083	12.60	245571	215274	0.88
10	Jan-25					
11	Feb-25					
12	Mar-25					
YTD Total		71862	13.93	245571	1000776	4.08



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Performance Report regarding Reliability Indices

(2) System Average Interruption Frequency Index (SAIFI)

(Regulation 22.12 of MERC, (Electricity Supply Code and Standards of Performance of Distribution Licensees including Power Quality) Regulations, 2021)

Sr. No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Nt=Total number of consumers of the distribution Licensees area	SAIFI = 3/4
1	2	3	4	5
1	Apr-24	8362	230147	0.04
2	May-24	14347	231747	0.06
3	Jun-24	10990	232780	0.05
4	Jul-24	1903	235266	0.01
5	Aug-24	3509	237203	0.01
6	Sep-24	2775	238108	0.01
7	Oct-24	8738	239622	0.04
8	Nov-24	4155	244215	0.02
9	Dec-24	17083	245571	0.07
10	Jan-25			
11	Feb-25			
12	Mar-25			
YTD Total		71862	245571	0.29



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Performance Report regarding Reliability Indices

(3) Customer Average Interruption Duration Index (CAIDI)

(Regulation 22.12 of MERC, (Electricity Supply Code and Standards of Performance of Distribution Licensees including Power Quality) Regulations, 2021)

Sr. No.	Month	SAIDI	SAIFI	SAIDI/SAIFI
1	2	3	4	5
1	Apr-24	0.46	0.04	12.54
2	May-24	0.95	0.06	15.39
3	Jun-24	0.76	0.05	16.09
4	Jul-24	0.09	0.01	11.00
5	Aug-24	0.15	0.01	10.37
6	Sep-24	0.11	0.01	9.01
7	Oct-24	0.64	0.04	17.56
8	Nov-24	0.19	0.02	11.35
9	Dec-24	0.88	0.07	12.60
10	Jan-25			
11	Feb-25			
12	Mar-25			
YTD Total		4.22	0.303	13.95



Performance Report regarding Reliability Indices
Customer Average Interruption Frequency Index (CAIFI)

1	2	3	4	5
Sr.No.	Month	Ni = Total number of customer interruptions	CN= Total number of customers interrupted	CAIFI = $\Sigma Ni / CN$
1	Jul-24	10	1903	0.005
2	Aug-24	12	3509	0.003
3	Sep-24	9	2775	0.003
4	Oct-24	19	8738	0.002
5	Nov-24	15	4155	0.004
6	Dec-24	30	17083	0.002



Performance Report regarding Reliability Indices
Momentary Average Interruption Frequency Index (MAIFI)

Sr.No.	Month	Mi=Nos of Momentary Interruptions(<5 mins)	Ci=Number of Consumers in the affected Feeders	Nt = Total number of consumers of the distribution Licensees area	MAIFI =\sumMi*C_i/C_t
1	2	3	4	5	6
1	Jul-24	8	27000	235266	0.11
2	Aug-24	15	16113	237203	0.07
3	Sep-24	14	6696	238108	0.03
4	Oct-24	27	20029	239622	0.08
5	Nov-24	22	21502	244215	0.09
6	Dec-24	17	17078	245571	0.07