



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 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
1	2	3	4	5	6	7
1	Aug-23	627	27.77	214640	17413	0.34
2	Aug-23	51	13.00	214640	663	0.04
3	Aug-23	1	17.00	214640	17	0.00
4	Aug-23	3	12.67	214640	38	0.00
5	Aug-23	21	33.05	214640	694	0.04
6	Aug-23	5	7.00	214640	35	0.00
7	Aug-23	92	23.00	214640	2116	0.18
8	Aug-23	102	12.00	214640	1224	0.02
9	Aug-23	1	10.00	214640	10	0.00
10	Aug-23	1	27.00	214640	27	0.00
11	Aug-23	110	7.34	214640	807	0.04
12	Aug-23	60	14.00	214640	840	0.01
13	Aug-23	2	9.00	214640	18	0.00
14	Aug-23	192	15.47	214640	2970	0.13
15	Aug-23	71	15.00	214640	1065	0.05
16	Aug-23	73	9.00	214640	657	0.01
Total August 2023		1412	20.25	214640	28594	0.13
YTD FY-24		23628	15.39	214640	363757	1.69



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(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	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
1	2	3	4	5	6
1	Aug-23	627	627	214640	0.01
2	Aug-23	51	51	214640	0.00
3	Aug-23	1	1	214640	0.00
4	Aug-23	3	3	214640	0.00
5	Aug-23	21	21	214640	0.00
6	Aug-23	5	5	214640	0.00
7	Aug-23	92	92	214640	0.01
8	Aug-23	102	102	214640	0.00
9	Aug-23	1	1	214640	0.00
10	Aug-23	1	1	214640	0.00
11	Aug-23	110	110	214640	0.00
12	Aug-23	60	60	214640	0.00
13	Aug-23	2	2	214640	0.00
14	Aug-23	192	192	214640	0.01
15	Aug-23	71	71	214640	0.00
16	Aug-23	73	73	214640	0.00
Total August 2023		1412	1412	214640	0.01
YTD FY-24		23628	23628	214640	0.11



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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/SAI
1	2	3	4	5
1	Aug-23	0.34	0.01	27.77
2	Aug-23	0.04	0.00	13.00
3	Aug-23	0.00	0.00	17.00
4	Aug-23	0.00	0.00	12.67
5	Aug-23	0.04	0.00	33.05
6	Aug-23	0.00	0.00	7.00
7	Aug-23	0.18	0.01	23.00
8	Aug-23	0.02	0.00	12.00
9	Aug-23	0.00	0.00	10.00
10	Aug-23	0.00	0.00	27.00
11	Aug-23	0.04	0.00	7.34
12	Aug-23	0.01	0.00	14.00
13	Aug-23	0.00	0.00	9.00
14	Aug-23	0.13	0.01	15.47
15	Aug-23	0.05	0.00	15.00
16	Aug-23	0.01	0.00	9.00
Total August 2023		0.13	0.01	20.25
YTD FY-24		1.69	0.11	15.39