



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	Oct-23	142.00	12.23	210728	1736	0.11
2	Oct-23	1.00	57.00	210728	57	0.00
3	Oct-23	78.00	10.00	210728	780	0.01
4	Oct-23	8.00	8.38	210728	67	0.00
5	Oct-23	148.00	20.00	210728	2960	0.25
6	Oct-23	2565.00	9.90	210728	25390	0.41
7	Oct-23	21.00	16.29	210728	342	0.01
8	Oct-23	19.00	18.00	210728	342	0.02
9	Oct-23	1.00	22.00	210728	22	0.00
10	Oct-23	69.00	10.29	210728	710	0.03
11	Oct-23	666.00	10.00	210728	6660	0.11
12	Oct-23	184.00	23.00	210728	4232	0.35
13	Oct-23	321.00	11.42	210728	3667	0.22
14	Oct-23	1856.00	14.50	210728	26913	0.51
15	Oct-23	142.00	29.00	210728	4118	0.34
16	Oct-23	173.00	12.02	210728	2080	0.09
17	Oct-23	9.00	23.00	210728	207	0.02
18	Oct-23	310.00	13.35	210728	4140	0.08
Total October 2023		6713.00	12.57	210728	84423	0.40
YTD FY-24		31762.00	14.71	210728	467422	2.22



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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	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	Oct-23	142.00	142	210728	0.01
2	Oct-23	1.00	1	210728	0.00
3	Oct-23	78.00	78	210728	0.00
4	Oct-23	8.00	8	210728	0.00
5	Oct-23	148.00	148	210728	0.01
6	Oct-23	2565.00	2565	210728	0.04
7	Oct-23	21.00	21	210728	0.00
8	Oct-23	19.00	19	210728	0.00
9	Oct-23	1.00	1	210728	0.00
10	Oct-23	69.00	69	210728	0.00
11	Oct-23	666.00	666	210728	0.01
12	Oct-23	184.00	184	210728	0.02
13	Oct-23	321.00	321	210728	0.02
14	Oct-23	1856.00	1856	210728	0.04
15	Oct-23	142.00	142	210728	0.01
16	Oct-23	173.00	173	210728	0.01
17	Oct-23	9.00	9	210728	0.00
18	Oct-23	310.00	310	210728	0.01
Total October 2023		6713.00	6713	210728	0.03
YTD FY-24		31762.00	31762	210728	0.15



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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	Oct-23	0.11	0.01	12.23
2	Oct-23	0.00	0.00	57.00
3	Oct-23	0.01	0.00	10.00
4	Oct-23	0.00	0.00	8.38
5	Oct-23	0.25	0.01	20.00
6	Oct-23	0.41	0.04	9.90
7	Oct-23	0.01	0.00	16.29
8	Oct-23	0.02	0.00	18.00
9	Oct-23	0.00	0.00	22.00
10	Oct-23	0.03	0.00	10.29
11	Oct-23	0.11	0.01	10.00
12	Oct-23	0.35	0.02	23.00
13	Oct-23	0.22	0.02	11.42
14	Oct-23	0.51	0.04	14.50
15	Oct-23	0.34	0.01	29.00
16	Oct-23	0.09	0.01	12.02
17	Oct-23	0.02	0.00	23.00
18	Oct-23	0.08	0.01	13.35
Total October 2023		0.40	0.03	12.57
YTD FY-24		2.22	0.15	14.71