



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-21	387	10.81	169224	4185	0.20
2	Aug-21	1	11.00	169224	11	0.00
3	Aug-21	262	55.08	169224	14431	0.39
4	Aug-21	2	11.00	169224	22	0.00
5	Aug-21	221	13.52	169224	2989	0.06
6	Aug-21	10	6.00	169224	60	0.00
7	Aug-21	589	21.35	169224	12575	0.30
8	Aug-21	259	13.69	169224	3547	0.08
9	Aug-21	1	42.00	169224	42	0.00
10	Aug-21	31	8.13	169224	252	0.02
11	Aug-21	77	15.44	169224	1189	0.03
12	Aug-21	292	12.80	169224	3737	0.18
13	Aug-21	75	14.00	169224	1050	0.10
14	Aug-21	1	20.00	169224	20	0.00
15	Aug-21	1085	39.26	169224	42594	3.77
	Total August 2021	3293	26.32	169224	86704	0.51
	YTD FY-21	48528	16.34	169224	792981	4.69



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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-21	387	387	169224	0.02
2	Aug-21	1	1	169224	0.00
3	Aug-21	262	262	169224	0.01
4	Aug-21	2	2	169224	0.00
5	Aug-21	221	221	169224	0.00
6	Aug-21	10	10	169224	0.00
7	Aug-21	589	589	169224	0.01
8	Aug-21	259	259	169224	0.01
9	Aug-21	1	1	169224	0.00
10	Aug-21	31	31	169224	0.00
11	Aug-21	77	77	169224	0.00
12	Aug-21	292	292	169224	0.01
13	Aug-21	75	75	169224	0.01
14	Aug-21	1	1	169224	0.00
15	Aug-21	1085	1085	169224	0.10
	Total August 2021	3293	3293	169224	0.02
	YTD FY-21	48528	48528	169224	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	Aug-21	0.20	0.02	10.81
2	Aug-21	0.00	0.00	11.00
3	Aug-21	0.39	0.01	55.08
4	Aug-21	0.00	0.000	11.00
5	Aug-21	0.06	0.005	13.52
6	Aug-21	0.00	0.00	6.00
7	Aug-21	0.30	0.014	21.35
8	Aug-21	0.08	0.006	13.69
9	Aug-21	0.00	0.000	42.00
10	Aug-21	0.02	0.003	8.13
11	Aug-21	0.03	0.00	15.44
12	Aug-21	0.18	0.014	12.80
13	Aug-21	0.10	0.01	14.00
14	Aug-21	0.00	0.000	20.00
15	Aug-21	3.77	0.10	39.26
	Total August 2021	0.51	0.0195	26.32
	YTD FY-21	4.69	0.2868	16.34