



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	Sep-21	142	16.86	170416	2394	0.11
2	Sep-21	313	8.11	170416	2538	0.07
3	Sep-21	1	10.00	170416	10	0.00
4	Sep-21	27	19.07	170416	515	0.02
5	Sep-21	67	18.00	170416	1206	0.12
6	Sep-21	334	17.16	170416	5730	0.56
7	Sep-21	106	13.81	170416	1464	0.07
8	Sep-21	1	18.000	170416	18	0.00
9	Sep-21	25	19.00	170416	475	0.02
	Total September 2021	1016	14.12	170416	14350	0.08
	YTD FY-21	49544	16.29	170416	807331	4.74



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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	
1	Sep-21	142	142	170416	0.01
2	Sep-21	313	313	170416	0.01
3	Sep-21	1	1	170416	0.00
4	Sep-21	27	27	170416	0.00
5	Sep-21	67	67	170416	0.01
6	Sep-21	334	334	170416	0.03
7	Sep-21	106	106	170416	0.01
8	Sep-21	1	1	170416	0.00
9	Sep-21	25	25	170416	0.00
	Total September 2021	1016	1016	170416	0.01
	YTD FY-21	49544	49544	170416	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	Sep-21	0.115	0.01	16.86
2	Sep-21	0.069	0.01	8.11
3	Sep-21	0.001	0.00	10.00
4	Sep-21	0.025	0.001	19.07
5	Sep-21	0.117	0.007	18.00
6	Sep-21	0.556	0.03	17.16
7	Sep-21	0.070	0.005	13.81
8	Sep-21	0.002	0.000	18.00
9	Sep-21	0.023	0.001	19.00
	Total September 2021	0.084	0.0060	14.12
	YTD FY-21	4.737	0.2907	16.29