

**B. E. S. & T. UNDERTAKING**

Annexure - VII

**Performance Report regarding Reliability Indices**  
**Format for yearly Returns to be submitted to the Commission by the Distribution Licensee**

**(i) System Average Interruption Duration Index (SAIDI)**

April 24 to March 25

Sr. No.	Month	Ni = No. of Consumers who experienced a sustained interruption on i <sup>th</sup> Feeder	Ri = Restoration Time for each interruption event on i <sup>th</sup> Feeder	Nt = Total No. of consumers of the Distribution Licensee area	Sum (Ri X Ni) for all Feeders excluding agri. Feeders	SAIDI = (6) / (5)
	2	3	4	5	6	7
1	Apr-24	199370	28.89	1053284	5759123	5.47
2	May-24	307223	27.85	1053284	8556487	8.12
3	Jun-24	234453	25.83	1053284	6055311	5.75
4	Jul-24	283964	25.25	1053284	7169372	6.81
5	Aug-24	247862	26.05	1053284	6457877	6.13
6	Sep-24	166068	28.82	1053284	4786545	4.54
7	Oct-24	223451	29.02	1053284	6483839	6.16
8	Nov-24	92661	30.22	1053284	2800228	2.66
9	Dec-24	105297	27.19	1053284	2862991	2.72
10	Jan-25	158886	27.36	1053284	4347233	4.13
11	Feb-25	121200	27.71	1053284	3358533	3.19
12	Mar-25	132812	25.71	1053284	3415079	3.24
<b>Total</b>						<b>58.91</b>

**(ii) System Average Interruption Frequency Index (SAIFI)**

Sr. No.	Month	Ni = No. of Consumers who experienced a sustained interruption on i <sup>th</sup> Feeder	Sum of Consumers of i <sup>th</sup> feeder which had experienced interruptions = Sum Ni	Nt = Total No. of consumers of the Distribution Licensee area	SAIFI = (4) / (5)
	2	3	4	5	6
1	Apr-24	199370	199370	1053284	0.19
2	May-24	307223	307223	1053284	0.29
3	Jun-24	234453	234453	1053284	0.22
4	Jul-24	283964	283964	1053284	0.27
5	Aug-24	247862	247862	1053284	0.24
6	Sep-24	166068	166068	1053284	0.16
7	Oct-24	223451	223451	1053284	0.21
8	Nov-24	92661	92661	1053284	0.09
9	Dec-24	105297	105297	1053284	0.10
10	Jan-25	158886	158886	1053284	0.15
11	Feb-25	121200	121200	1053284	0.12
12	Mar-25	132812	132812	1053284	0.13
<b>Total</b>					<b>2.16</b>

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Format for Yearly Returns to be submitted to the Commission by the Distribution Licensee**

April 24 to March 25

**(iii) Consumer Average Interruption Duration Index (CAIDI)**

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
1	2	3	4	5
1	Apr-24	5.47	0.19	28.89
2	May-24	8.12	0.29	27.85
3	Jun-24	5.75	0.22	25.83
4	Jul-24	6.81	0.27	25.25
5	Aug-24	6.13	0.24	26.05
6	Sep-24	4.54	0.16	28.82
7	Oct-24	6.16	0.21	29.02
8	Nov-24	2.66	0.09	30.22
9	Dec-24	2.72	0.10	27.19
10	Jan-25	4.13	0.15	27.36
11	Feb-25	3.19	0.12	27.71
12	Mar-25	3.24	0.13	25.71
<b>Total</b>		<b>58.91</b>	<b>2.16</b>	<b>27.30</b>

**iv) Customer Average Interruption Duration Index (CAIDI) For HT consumer**

Sr. no.	Month	Ni=Number of Consumer who experienced a sustained interruption	Ri=Restoration time for each interruption event of HT Consumers	Sum, (Ri*Ni) for all HT Consumers	CAIDI=(5)/(3)
(1)	(2)	(3)	(4)	(5)	(6)
1	Apr-24	27	23.96	647	23.96
2	May-24	28	21.57	604	21.57
3	Jun-24	27	28.37	766	28.37
4	Jul-24	45	25.98	1169	25.98
5	Aug-24	47	29.49	1386	29.49
6	Sep-24	23	43.43	999	43.43
7	Oct-24	27	26.56	717	26.56
8	Nov-24	18	34.67	624	34.67
9	Dec-24	23	25.70	591	25.70
10	Jan-25	27	40.81	1102	40.81
11	Feb-25	27	31.37	847	31.37
12	Mar-25	35	50.00	1750	50.00
<b>Total</b>		<b>354</b>		<b>11202</b>	<b>31.64</b>