

## JAWAHARLAL NEHRU PORT AUTHORITY SEZ

**Annexure-VII- Performance Report regarding Reliability Indices.**

Formats for Quarterly returns **APRIL 2024** to be submitted to the Commission by the Distribution Licensee

### 1) System Average Interruption Duration Index (SAIDI)

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 agriculture feeders	SAIDI=(6)/(5)
[1]	[2]	[3]	[4]	[5]	[6]	[7]
1	<b>Apr-24</b>	1	1435	23	1435	62.39
	<b>Total</b>			<b>23</b>	<b>1435</b>	<b>62.39</b>

### 2) System Average Interruption Frequency Index (SAIFI)

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	<b>Apr-24</b>	1	1	23	0.04
	<b>Total</b>		<b>1</b>	<b>23</b>	<b>0.04</b>

### 3) Customer Average Interruption Duration Index (CAIDI)

Sr No	Month	SAIDI	SAIFI	SAIDI/SAIFI
[1]	[2]	[3]	[4]	[5]
1	<b>Apr-24</b>	62.39	0.04	1435.0
	<b>Total</b>	<b>62</b>	<b>0.04</b>	<b>1435.0</b>

### 4) Customer Average Interruption Duration Index (CAIDI) for HT consumers

Sr No	Month	Ni=Number of HT consumers who experienced a sustained interruption	Ri=Restoration time for each interruption event on HT feeder	sum.(Ri*Ni) for all HT consumers	CAIDI=(5)/(3)
[1]	[2]	[3]	[4]	[5]	[6]
1	<b>Apr-24</b>	1	1435	1435	1435
	<b>Total</b>	<b>1</b>		<b>1435</b>	<b>1435</b>

**Authorised Signatory**

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