



11 November 2025
CFI-LRA-LRA-RGWR-001419

Secretary
Maharashtra Electricity Regulatory Commission
13th Floor, Centre No 1, World Trade Centre
Cuffe Parade, Colaba
Mumbai 400 005

Dear Sir,

Subject: Compliance to MERC (Electricity Supply Code and Standards of Performance of Distribution Licensees including Power Quality) Regulations, 2021 and MERC (Electricity Supply Code and Standards of Performance of Distribution Licensees including Power Quality) (First Amendment) Regulations, 2024 – Q2 FY 2025-26.

This is with reference to the information required to be submitted by Distribution Licensees as per the *Maharashtra Electricity Regulatory Commission (Electricity Supply Code and Standards of Performance of Distribution Licensees including Power Quality) Regulations, 2021*, notified on **25th February 2021**, and the *First Amendment Regulations, 2024*, notified on **5th July 2024**.

In compliance with the above, we are submitting the reports for **Q2 of FY 2025-26** in the prescribed formats as **Appendix**. Further, we would like to inform that the quarterly reports in the prescribed formats shall also be displayed on the Tata Power website, as directed by the Hon'ble Commission.

We trust the same is in order.

Yours faithfully,

(Vidyadhar Wagle)
Chief – Regulatory

OFFICE OF THE
MAHARASHTRA ELECTRICITY
REGULATORY COMMISSION
WTC, CUFFE PARADE, MUMBAI - 400 005.

Enclosure: Appendix

TATA POWER
The Tata Power Company Limited

Backbay Receiving Station Regulation Department 148 Lt Gen J Bhonsale Marg Nariman Point Mumbai - 400 021
Tel 91 22 6717 2947

Registered Office Bombay House 24 Homi Mody Street Mumbai 400 001
CIN : L28920MH1919PLC000567 Website : www.tatapower.com Email : tatapower@tatapower.com

Annexure-VII- Performance Report regarding Reliability Indices.

1) System Average Interruption Duration Index (SAIDI)

Sr. No.	Month	Ni = Number of Consumers who experienced a sustained interruption on i th feeder.	Ri= Restoration time for each interruption event on i th feeder	Nt=Total number of Consumers of the distribution Licensees area.	Sum. (Ri*Ni) for all feeders excluding agri. Feeders)	SAIDI=(f)/(e) (minutes)
a	b	c	d	e	f	g
1	Jul-25	8256	9.860	265782	81406	0.31
2	Aug-25	5377	11.715	266184	62992	0.24
3	Sep-25	5884	11.9808	266716	70495	0.26
	Total	19517	11.01	266716	214893	0.81

2) System Average Interruption Frequency Index (SAIFI)

Sr. No.	Month	Ni = Number of Consumers who experienced a sustained interruption on i th feeder.	Sum of Consumers of i feeders which had experienced interruptions =Sum Ni	Nt=Total number of Consumers of the distribution Licensees area.	SAIFI=(d)/(e)
a	b	c	d	e	f
1	Jul-25	8256	8256	265782	0.031
2	Aug-25	5377	5377	266184	0.020
3	Sep-25	5884	5884	266716	0.022
	Total	19517	19517	266716	0.0733

3) Customer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
a	b	c	d	e
1	Jul-25	0.31	0.031	9.86
2	Aug-25	0.24	0.020	11.72
3	Sep-25	0.26	0.022	11.98
	Total	0.81	0.0733	10.99

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 of HT Consumers	Sum. (Ri*Ni) for all HT Consumers	CAIDI = (e)/(c) (minutes)
a	b	c	d	e	f
1	Jul-25	6	7.00	42	7.00
2	Aug-25	3	6.66	19.98	6.66
3	Sep-25	12	4.50	54	4.50
	Total	21	6.05	115.98	6.05

5) Customer Average Interruption Frequency Index (CAIFI)				
Sr. No.	Month	Ni = Total number of customer interruptions	CN= Total number of customers interrupted	CAIFI = c/d
a	b	c	d	e
1	Jul-25	15	8256	0.002
2	Aug-25	13	5377	0.002
3	Sep-25	13	5884	0.002
	Total	41	19517	0.006

6) Momentary Average Interruption Frequency Index (MAIFI)					
Sr. No.	Month	$\sum Mi$ = Total Number of momentary interruptions (< 5 min)	$\sum Mi * Ci$ = \sum (individual $Mi \times$ Individual Ci)	Ct=Total number of consumers in the feeders in the circle/area	MAIFI (d/e)
a	b	c	d	e	f
1	Jul-25	9	3309	265782	0.01
2	Aug-25	7	1824	266184	0.01
3	Sep-25	17	17802	266716	0.07
	Total	33	22935	798682	0.09

SAIDI = It is average duration of sustained interruptions per Consumer.

$$SAIDI = \sum ri \times Ni / Nt$$

SAIFI = It is average frequency of sustained interruptions per Consumer.

$$SAIFI = \sum Ni / Nt$$

Where,

i = an interruption event;

ri = restoration time for each interruption event;

Ni= number of Consumers who have experienced a sustained interruption during the reporting period; and

Nt= total number of Consumers of Distribution Licensee

Momentary Average Interruption Frequency Index (MAIFI), calculated in accordance with the following formula:

$$MAIFI = \sum Mi * Ci / Ct$$

where,

Mi: Number of momentary Interruptions (< 5min)

Ci: Number of consumers on the interrupted feeders

Ct: Total Number of consumers (U/R) in the feeders in the circle/area

CAIDI = It is average interruption duration of sustained interruptions for those Consumers who had experienced interruptions.

$$CAIDI = SAIDI/SAIFI.$$