



20th May 2025

CFI-LRA-LRA-RGWR-001317

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

Dear Sir,

Sub: 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 – Q4 FY 2024-25

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

In compliance with the above, we are submitting the reports for Q4 FY 2024-25 in the prescribed formats as **Appendix**. Further, we would like to submit that the quarterly report in the prescribed formats would 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

Enclosure: Appendix

TATA POWER

The Tata Power Company Limited

Backbay Receiving Station Regulation Department 148 Lt Gen J Bhonsale Marg Nariman Point Mumbai 400009

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	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=(5)/(4) (minutes)
	1	2	3	4	5	6
1	Jan-25	4478	11.18	247474	50064.04	0.20
2	Feb-25	4764	13.78	248521	65666.98	0.26
3	Mar-25	21147	10.50	250639	222106.94	0.89
Total		30389	11.12	250639	337837.96	1.35

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=(3)/(4)
	1	2	3	4	5
1	Jan-25	4478	4478	247474	0.018
2	Feb-25	4764	4764	248521	0.019
3	Mar-25	21147	21147	250639	0.084
Total		30389	30389	250639	0.121

3) Customer Average Interruption Duration Index (CAIDI)

Sr. No.	Month	SAIDI	SAIFI	SAIDI / SAIFI
	1	2	3	4
1	Jan-25	0.20	0.018	11.18
2	Feb-25	0.26	0.019	13.78
3	Mar-25	0.89	0.084	10.50
Total		1.35	0.121	11.12

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 = (4)/(2) (minutes)
	1	2	3	4	5
1	Jan-25	11	16.00	176	16.00
2	Feb-25	20	6.10	122	6.10
3	Mar-25	22	10.32	227	10.32
Total		53	10.81	525	10.81

CAIFI				
Sr. No.	Month	No = Number of interruptions	Ni = Number of consumers who experienced a sustained interruption on ith feeder	CAIFI = 2/3
	1	2	3	4
1	Jan-25	19	4478	0.004
2	Feb-25	16	4764	0.003
3	Mar-25	26	21147	0.001

MAIFI					
Sr. No.	Month	Mi = Number of momentary interruptions (< 5 min)	Ci = Number of consumers on the interrupted feeder	Ct=Total number of consumers in the feeders in the circle/area	MAIFI =(2*3)/4
	1	2	3	4	5
1	Jan-25	14	8000	247474	0.03
2	Feb-25	17	19327	248521	0.08
3	Mar-25	23	32300	250639	0.13

