



MAHARASHTRA AIRPORT DEVELOPMENT COMPANY LIMITED

Central Facility Building, B-Wing (North) 1st Floor, MIHAN SEZ, Khapri (Rly), Nagpur – 441108

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No.: /MADC/POWER/2014

DATE: -

To,
M/s, _____

Consumer No. :

Sub.:- Intimation regarding Level of Total Harmonic Distortion in Voltage higher than as prescribed at your installation at above address.

Ref.:- ____/____/____/____ Dt. _____

Dear Sir,

This is to inform you that, your metering connection was tested on Dt _____ by our Testing Division for harmonics measurement. The **Level of Total Harmonic Distortion in Voltage** at your installation is found to be voltage ----- % . As per the IEE STD 519 – 1992 the **Total Harmonic Distortion in Voltage** should be below 3%.

Harmonics – Means a component of a periodic wave having frequency that is an integral multiple of the fundamental power line frequency of 50 Hz causing distortion to pure sinusoidal waveform of voltage or current, and as governed by IEEE STD 519 – 1992, namely “IEEE Recommended Practices and Requirements for Harmonic Control in electrical Power Systems” and corresponding standard as may be specified in accordance with clause (c) of subsection (2) of section 185 of the Act.

As per MERC supply code regulation 12.1 it shall be obligatory for the HT consumer and the LT consumer (Industrial & commercial any) to control Harmonics of his load at level prescribed by the IEE STD 519 – 1992, & in accordance with the relevant order of the commission.

Hence you are requested to take measures to control the total harmonic Distortion of your load within 3 month of receipt of letter to improve the quality of supply at level prescribe by the regulation & inform accordingly to this office, otherwise Distribution Company may charge penalty for harmonics distortion, in accordance with relevant orders of the commission. Please note.

**Superintending Engineer
MADC Ltd., Nagpur**

Copy s.w.r.to: Chief Engineer, MADC Ltd., Nagpur – For information please.