

Prof. Dr. K Kasthurirangaian
Chairman

603 'C' Block, Pioneer Complex, 1075, Avinashi Road
Coimbatore - 641 108 INDIA
Phone : 91-422-6585908, 6586908
Fax : 91-422-2248408
E-mail : chairmaniwpa@windpro.org



helping mankind with energy from nature

Dr.M.Sai Kumar, IAS
The Chairman & Managing Director,
TANGEDCO
144, Anna Salai,
Chennai – 600 002

14th November 2016

**Sub: Harmonic limits – Measurement & Implementation of limits by WEG
Generators– Reg**

**Ref: Wind Generators to be given time up to December 2017 to enable
Compliance**

Respected Sir,

TANGEDCO Notice has been issued to Wind generators to limit the harmonics with in stipulated limits set by Central Electricity Authority within 3 Months from the date of receipt of notice. If the measured harmonics is more than the limits a bill for compensation at 15% of applicable generation tariff rate will be raised.

In this connection we would like to point out the following:-

1. Let the stipulated limit set by CEA may be indicated in the notice for the benefit of the generators.
2. Measurement methodology may also specified in the notice so that generators can perform the measurement accordingly.
3. We would request TANGEDCO to postpone implementation of harmonics limits until 2017 December for the following reasons.
4. Meaning full harmonic measurement can be made only from May 2017, when the next Wind Season starts.
5. Only after such measurements, Wind generators can source necessary harmonic filter if required.

Indian Wind Power Association

Door No. E, 6th Floor, Tower -1, Shakti Towers, No. 766, Anna Salai, Chennai 600 002

Ph : 044 4550 4036 | Fax : 044 4550 4281 | E-mail : iwpa@windpro.org / secretary.general@windpro.org | Website : www.windpro.org



helping mankind with energy from nature

6. So far in India no such harmonic filters are available for Wind sector and the vendor has to get developed.
7. After the measurement it may take 3 to 6 Months of time for the implementation of harmonic filter solution.
8. CEA has notified revised guidelines for grid connectivity Standards where there are significant changes proposed in the harmonic limits to be followed in this Country. We have to wait for such revised regulations to be adopted by TNERC and implemented.

Due to the above mentioned circumstances it is requested that the harmonic implementation by TANGEDCO may please be postponed till December 2017 by the time all concerned shall be fully equipped for the implementation.

Thanking you in anticipation,

With best wishes & regards.

For Indian Wind Power Association,

Prof. Dr. K. Kasthurirangaian
Chairman

**Copy to Director, Operations, CE – NCES & SE, REMC , CE –System Operation &
CE - Planning**

Indian Wind Power Association

Door No. E, 6th Floor, Tower -1, Shakti Towers, No. 766, Anna Salai, Chennai 600 002

Ph : 044 4550 4036 | Fax : 044 4550 4281 | E-mail : iwpacno@windpro.org / secretary.general@windpro.org | Website : www.windpro.org