

Kevin Kura
Trinity Solar
800 U.S. Highway 9 South
Freehold, NJ 07728

November 23, 2010

Dear Mr. Kura,

I am writing to follow up on yesterday's conversation regarding the quality of power generated by PV Powered inverters. Our inverters generate a very pure AC sine wave. Our total harmonic distortion (THD) is less than 3%. This sine wave is synchronized to the utility voltage and frequency. In many cases the result is cleaner power than what is obtained from the utility alone.

Our inverters are certified to or conform to the following standards:

- UL 1741 *Standard for Safety for Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources*
- IEEE 519 *Recommended Practice and Requirements for Harmonic Control in Electric Power Systems*
- IEEE 929 *Recommended Practice for Utility Interface of Photovoltaic Systems*
- IEEE 1547 *Standard Conformance Test Procedures for Interconnecting Distributed Resources with Electric Power Systems*
- FCC Part 15 Subpart B Class A *Standard on Radiated and Conducted Emissions*

Please do not hesitate to contact me with further questions. I wish you success on your upcoming projects.

Regards,

John Foster, PE
Applications Engineer
PV Powered

**All PV Powered products are fully compliant with the Buy American Act
and qualify for projects funded by the Federal Stimulus**



Made in America