



**POWER QUALITY INTERNATIONAL, INC.**

## ***The Ultimate Transformer Standard!***

That's right.

**PQI** manufacturers and delivers ultra efficient transformers and ultra efficient harmonic mitigating transformers that simply are ***The Ultimate Transformer Standard!***

**POWER QUALITY INTERNATIONAL, INC.**

is uniquely qualified to assist facility owners, managers, and their engineering professionals with the reduction of power system and load losses and efficiency improvement.

We've been providing unique engineered solutions for more than forty years for both new construction as well as retro-fitting existing facilities with state-of-the-art ultra-high efficiency transformers and harmonic mitigating solutions.

### ***The Opportunity***

Many organizations are committed to achieve improved energy efficiency by implementing a number of proactive initiatives that include investing in strategic projects that can control and even lower power consumption for its operations. PQI's goal is to create maximum system efficiency for the loads with its system design. The improved total system efficiency through PQI's power distribution transformers can have the single biggest impact in the overall system performance, that not only pays for itself, but over time yields tremendous results in the bottom line.



## ***The PQI COMMITMENT***<sup>™</sup>

**POWER QUALITY INTERNATIONAL, INC.** guarantees the Power Quality [1] outcomes of its engineered system solutions, as detailed in *The PQI Solution*<sup>™</sup>, and the Payback and Return-on-Investment [2] results, generated by *The PQI Calculator*<sup>™</sup>.

If **PQI** recommended solutions are implemented by the owners or their engineering professionals, **PQI** will increase its standard transformer warranty from 10 to 20 years.



***The Ultimate Energy Efficient Transformer***<sup>™</sup>

[1] As defined in IEEE Std 519-1992 - IEEE Recommended Practices and Requirements for Harmonic Control in Electrical Power Systems.

[2] Results from *The PQI Calculator*<sup>™</sup> are based on information received from the facility owners or their representatives. For new construction, the load profiles and their harmonic current spectrums are normally estimated as having K-Factors of K-4, K-7, K-9, K-13, K-20 or K-30. The K-Factor spectrums used are as defined by IEEE. For the renovation of existing facilities, load profiles and their harmonic current spectrums are normally based on actual measurements.

If measurements are unavailable, load profiles and their harmonic current spectrums are normally estimated, as described above. It must be understood that building loads are dynamic in nature. We utilize the best available information in order to provide the most accurate technical analysis and financial benefits.

[www.PowerQualityInternational.com](http://www.PowerQualityInternational.com)