

10/27/2010

Robert Sadler
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Dear Sirs,

Having retired after 53 years in the electrical business as an owner, project manager, and estimator, I had the opportunity of exploring an amazing new electrical product. It was a power conditioning system distributed by Black Hawk Energy Saver. Amazing because of the multitude of positive changes made to the electrical system.

I compared two identical pieces of equipment with the same size motors. One had the power conditioner installed, the other without. I was able to determine the following results due to the power saver:

1. **Balanced voltages across all phases.**
2. **A considerable reduction in amps.**
3. **Absolutely no power spikes.**
4. **Power Factor raised to 98%. (Note: a load that causes a low power factor will draw more current than a load with a high power factor for the same amount of usable or useful power.)**
5. **The motor was completely cool, after hours of continuous running.**

My conclusion is that considerable savings would be realized in energy cost, maintenance savings, and savings on equipment replacement due to lifespan.

As I stated above it is an amazing new product.

Sincerely

Robert Sadler
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