How It Works

We utilize a proprietary state-of-the-art semiconductor technology paired with cutting-edge industry approved delivery systems to impart a real and sustainable change. The POS is the first system to impart actual and cumulative improvements on both the current and the circuits which deliver power to the desired load.

At the core of the POS energy saving technology is a proprietary semiconductor chip. This chip utilizes specific wavelengths of infrared light to stabilize the vibration state of "spinning" electrons.

Stabilizing the electrons, which form electric current actually reduces the heat-emitting and power-robbing collisions that normally occur as the electric current moves from the source to the desired load. Reducing these collisions creates a more efficient electric current.

The POS works to reduce heat and electrical vibration by stabilizing the current and training the electrons to flow more efficiently. The result is a lengthening of the electric wave and a narrowing of the flow along the center path of the conductor. A more efficient current meeting less resistance along the path of the conductor gets more of the purchased power directly to the workload.

Solution Characteristics

- Reduces your total kWh used while still supplying the correct voltage to the specific workloads.
- Lowers your energy consumption an average of 8% - 25% a month.
- Allows your electrical systems operate as efficiently and safely as possible.
- Filters out unwanted line noise.

Energy Savings

POS is helping a wide variety of facilities reduce their energy consumption, by deploying a cost effective retrofit solution designed specifically for old and new facilities.

Typically a 8-25% energy savings with paybacks less than 24 months can be realized using POS depending on utility rates and type of facility.

With the POS your actual energy consumption goes down. So not only are you saving money on energy costs, but you actually save electrical energy. Make a positive impact on your utility bill and your environment.