

The Electrician, Inc. Energy Efficiency / Going Green

Focus on Energy

The Electrician, Inc is proud to partner with Focus on Energy.



Focus on Energy, Partnering with Wisconsin Utilities, is responsible for hundreds of millions of dollars in rebates for energy conservation to its customers. What this means for you is potential for a cash back rebate that can significantly reduce your costs and payback period. TEI can help you to determine if you are eligible for Focus on Energy rebates in many areas of your business such as lighting, VFD, solar photovoltaic (PV) systems, and leak detection. Not only can we work with you and Focus on Energy on existing programs, we can work with Focus on Energy to develop a custom incentive program if the existing programs do not fit your business needs. TEI will fill out the rebate paperwork, and submit it to Focus on Energy for you.

Interior and Exterior Lighting Upgrades

The Electrician, Inc can upgrade lighting to help you save energy, and to improve light quality and productivity.

Buildings that have not gone thru a lighting upgrade in the last couple of years have inefficient lights that can cost much more to run than new LED lights, creating short-term paybacks for replacement of the old lights. This is especially true when you consider LED lights run cooler, have less maintenance costs, and there are Focus on Energy rebates. In addition, the lighting quality is much improved with newer lights, allowing for a brighter and safer work environment. The light output of many old lamps decreases with age, and there are many documented instances of increased productivity thru lighting for reasons such as dim light causing eye strain, headaches, and drowsiness.



Electric Vehicle Charging Station Installation

The Electrician, Inc can help you to go green and save money thru an Electric Vehicle (EV) charging station installation.

As a Tesla Electric Vehicle (EV) charging installation partner and ChargePoint certified installer, TEI assists homeowners, landlords, commercial establishments and municipalities to accommodate an ever-increasing demand for charging electric vehicles. Many companies and landlords are installing EV charging stations for their own vehicle fleets and as a perk for employees - or to draw in potential tenants. This is a benefit that can help attract the growing number of employees, customers and tenants that are now driving electric vehicles, all while giving you the peace of mind that you are helping to support the environment. Contact us today to help with your new EV charger installation!

[MORE >>](#)

Variable-Frequency Drives

The Electrician, Inc can help to drive efficiency by installing Variable Frequency Drives.

In many industrial facilities, the majority of power consumption is used for running electric motors, so facilities see a significant drop in their monthly utility bills when VFDs are installed. A VFD controls the motor by varying the frequency and voltage as needed, so if the motor does not need to run at full speed for a specific function, the VFD can ramp down the frequency and voltage to meet the reduced speed required for the function, which saves energy and helps to increase the life of the motor, and reduces noise in your facility. In addition to the ongoing energy savings, and Focus on Energy rebates, you may also receive energy efficiency tax incentives (*check with your accountant*) that can give you a very quick return on your investment.



Leak Detection

The Electrician, Inc will identify gas and air leaks in your facility, potentially saving thousands of dollars per year.

Using our Ultrasonic listening device, and our certified Ultrasonic Leak Inspector, we can identify gas leaks or compressed air leaks in your facility. If you can hear a compressed air leak, that one leak is costing you roughly \$500 per year; the additional cycling of your compressor means additional energy costs as well as wear and tear on your motors. You already know how expensive some of the gasses used in your facility can be, so it goes without saying that gas leaks can be very costly. The TEI Ultrasonic Leak Inspector will tag each leak, and create a report so that you can determine which leaks are the most critical to fix.

Solar

The Electrician, Inc can help you to save money on your utility bill.

By installing a solar photovoltaic (PV) system, you can significantly reduce your dependence on, and your costs to, your electrical utility provider. With rising energy costs, your utility cost savings, depreciation, and potential grants and tax incentives, the payback period for the system is very short and will provide your business power for the next 30 years or more.



Wind

The Electrician, Inc can assist with the electrical installation serving your Wind Generation System

If you are planning to have a wind generator installed at your home or business to reduce your utility bill, contact TEI to ensure that your electrical installation is done by a licensed electrician focused on quality of work. TEI brings years of experience installing and supporting the electrical infrastructure around Photo-Voltaic, Geo-Thermal, Wind Generation and other Green Technologies.