



6 WAYS TO BE MORE
EFFICIENT AND

REDUCE COSTS
ENERGY CONSERVATION GUIDE

PREPARED BY



www.energyprofessionals.com

WHERE WE ARE NOW

*Energy cannot be created or destroyed,
it can only be changed from one form to another. - AE*

The entire world depends and runs on energy. With fluctuating market prices and the demand for energy increasing every year, businesses are looking for ways to save on energy, better control their energy usage and work towards sustainability.

Some forms of energy have been around for generations due to their reliability and our infrastructure, others have been around for decades.

With the onset of green energy sources, the power of nature and sun can be used to create electricity to power homes and large industrial plants.

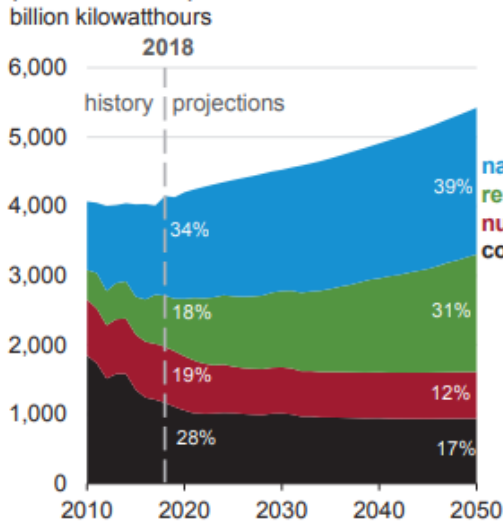
Thanks to ever-advancing technology and constant research into energy production, today's solutions don't only give us better control but also help reduce costs and work towards reducing environmental damage.

For nearly 20 years, Energy Professionals has worked with companies all over North America to do just that.

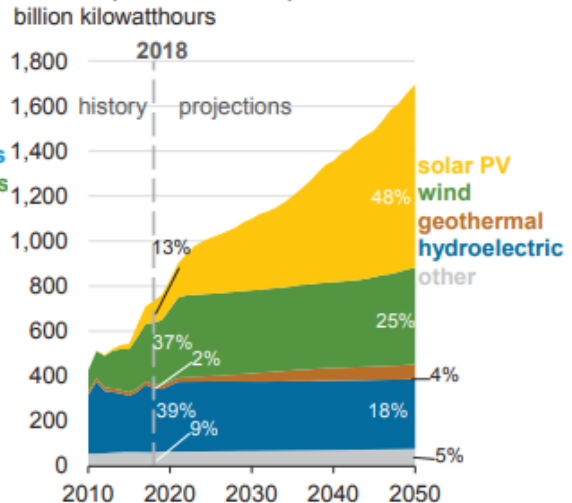
(Below)

A prediction created by the US Energy Information Administration shows that electricity generation from natural gas and renewables increases, and the shares of nuclear and coal generation decreases.

Electricity generation from selected fuels (Reference case)



Renewable electricity generation, including end-use (Reference case)



YOU CAN DECIDE WHERE YOUR ENERGY COMES FROM

If your business is located in one of the deregulated energy market, you have complete choice over where your supply of natural gas and electricity come from. What you may not have is way to quickly see who are your available energy suppliers and which one of them would be able to give you the best price, over what period of time.

Energy Professionals consultants Commercial & Industrial consumers negotiate the best electricity and natural gas supply rates from the top energy suppliers in North America.



After Energy Professionals performed a free audit of their utility bills, a large Indiana-based manufacturing plant discovered they were paying a very high rate for their Natural Gas. Our team quickly identified the best Natural Gas providers able to fulfill their full requirements and negotiated a multi-year contract for less than their current rate, resulting in a reduction in their Natural Gas utility costs, which will save them over \$500,000 during the 3 year term.

MORE CHOICES GIVE YOU LESS WASTE

Energy Efficiency projects provide more choice and less waste by combining cutting edge technologies to get the most value out of your energy use and capitalize on savings of 10-30% off your total energy spend. Efficiency projects can include:

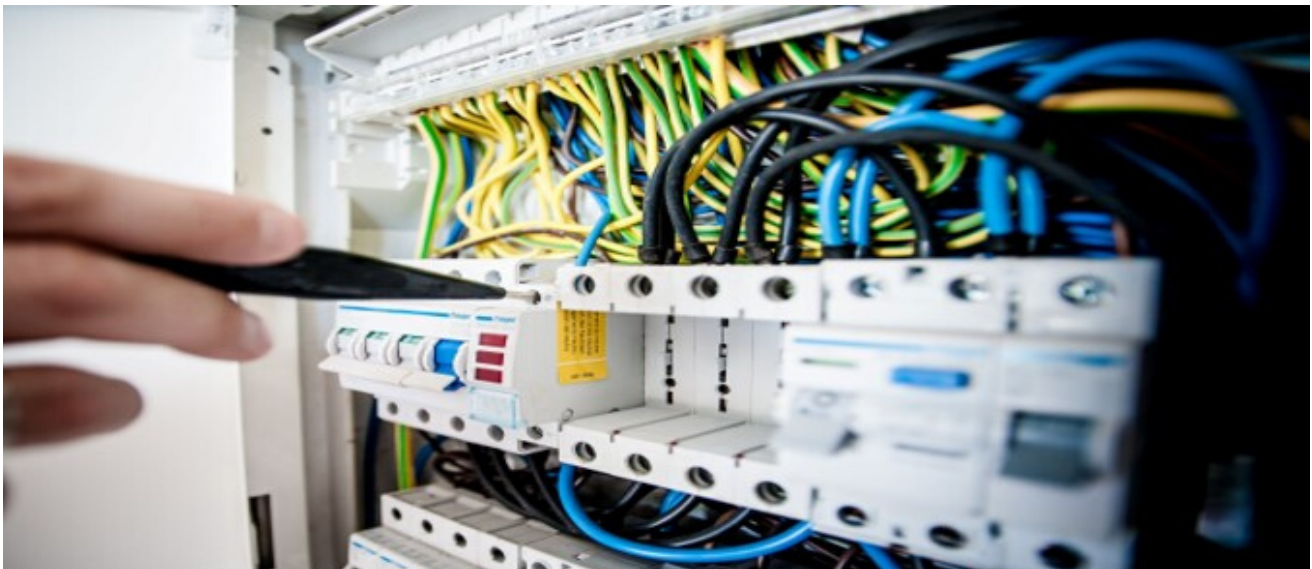
- Smart LED Installations
- HVAC Cleaning and Refurbishment



A retail chain with more than 360 locations in twenty-two states was managing their energy operations at the store level, relying on employees to ensure everything was turned off and set correctly upon closing. Leaving A/C systems running wasted energy (money) and put extra stress on the A/C units, leading to system failures during the summer. An intelligent energy management system was installed in all locations and controlled at their corporate headquarters. They were able to set standard schedules to effectively manage the A/C units remotely. The heating, cooling, lighting and overall power usage was displayed visually in real time, allowing fast correction action directed by remote management. The ROI was eight months and they reduced their energy costs by 25%.

INDEPENDENCE THROUGH ENERGY INTELLIGENCE

Today's technology impacts every piece of our lives. Why not use it to make the most of your energy. Greater energy independence can be achieved through Systems Maintenance and Energy Intelligence. State of the art applications and software that will give you complete control over your energy usage of one or multiple facilities.

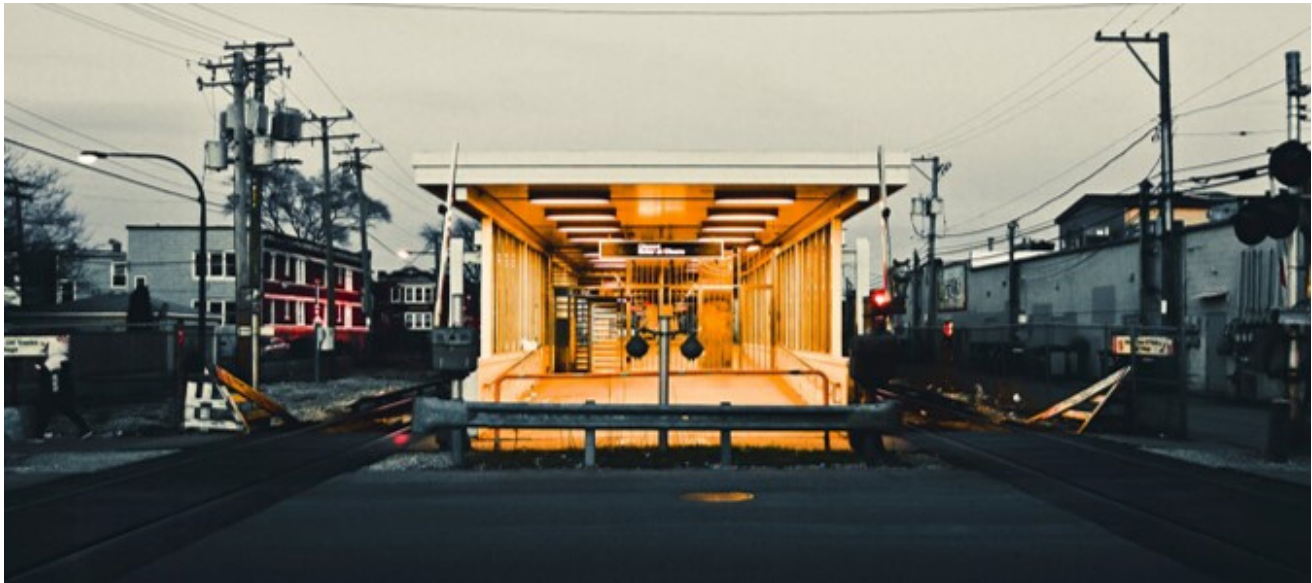


Energy Professionals advanced energy intelligence software collects specific energy usage data and can predict equipment interruptions before they occur and optimize system performance. Energy Intelligence software collects vast amounts of operational data, analyzes it, and issues simple reports that allow maintenance personnel to take corrective action. Real time system energy use feedback allows timely corrective actions which can result in 10 – 20% reduction in energy costs, and more importantly prevent costly equipment failure and replacement.

THE START OF YOUR DAY CAN BE THE MOST EXPENSIVE

When you start in the morning, the first thing you do is turn on your lights, start your computers, your turn up the air conditioning or heating and for large manufacturers, that's when the you turn on your machines. The initial power demand by all this at once can create increased energy costs.

Demand Response (DR) and Onsite Generation is an innovative, revenue producing program allowing commercial and industrial users to achieve more energy independence. Demand Response & Onsite Generation programs allow you to capitalize on unused peak demand energy while protecting yourself from lost production due to occasional utility power outages.



The Energy Professionals program is totally customizable and qualified companies can produce and use their own energy using on-site generation and battery storage during peak demand times of the day, while standing ready as a last line of defense in case of power outages due to natural weather disasters such as hurricanes or very severe winter weather. Energy Professionals will negotiate contracts for our customers to ensure they are risk-free and have no out-of-pocket expenses.

TEN SECONDS OF SUN CAN POWER THE WORLD FOR A DAY

Installing a solar system gives you the power to invest in your own energy production, rather than paying the utility month to month. Solar energy allows you to either eliminate or drastically reduce your utility bills while increasing the value of your business. A solar powered solution allows you to become more energy independent, save money on your overall power costs and meet corporate sustainability goals.



Energy Professionals can help you cut your costs and achieve energy independence through solar power solutions.

STATE OF THE ART SOFTWARE TO MANAGE AND AUDIT MONTHLY BILLINGS

Expense management solutions can provide corporations with 10-5000 locations end-to-end billing audits & payments for Telecom, IT, and Utility invoices. This customized software solution automatically spots and reports billing inaccuracies, allows for easy utility bill rate auditing, and allows us to find better price solutions; all reducing the overall utility expense.

Invoice Receipt and
Analysis

Automated Payment
to Vendor

Monthly Invoice
Audit

Monthly
Reconciliation
of Overcharges



Energy Professionals offers Telecom, Wireless and Utility Expense Management Services Cater to the Entire Communications Lifecycle from Procurement to Retirement

This information was presented by



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