7 WAYS TO IMPROVE ENERGY EFFICIENCY AT YOUR BUSINESS

While energy use in business is unavoidable, using energy wisely can make a big impact on cutting costs for your organization. Beyond saving money, optimizing energy use has other benefits including, increased profitability, improved sustainability, raised productivity, and an advanced competitive standing.

1 ENERGY AUDIT

Do you know how much energy your facility uses? An energy audit reveals how well your facility and its assets are performing. It provides information on where improvements can be made to become more energy efficient.

LED LIGHTING 2

Lighting can account for up to 20 percent or more[1] of a building's energy use. A LED lighting upgrade or retrofit is a quick and easy ways to reduce energy costs. Don't only think about the interior – include the exterior lighting too.

3 HVAC OPTIMIZATION

HVAC systems in the commercial sector use more than 25% of a building's energy[1]. An optimized HVAC system can make a substantial impact on energy efficiency. Both a Smart HVAC solution or an HVAC retrofit improves HVAC efficiency. The benefits are increased energy efficiency, reduced utility costs, improved HVAC reliability, and extended equipment life.

ELECTRIC VEHICLES 4

Deploying an EV fleet at your facility will increase energy usage. Mitigate the impact of the increased energy usage through energy management to reduce EV charging costs. An EV charge management system can further lower the cost of charging an EV fleet by reducing peak power demand, shifting charging to off-peak times, and participating in utility DR programs.

5 COMPRESSED AIR

Compressed air can be one of the most expensive utility costs in an industrial facility. Compressed air leaks waste energy – up to 30% of the compressor's output. Optimization can reduce energy usage and increase cost savings.

A Compressed Air System Review or a Comprehensive Leak Survey can get a compressed air system to its optimal performance leading to increased energy savings, extended equipment life, and maximized system reliability.

6 POWER QUALITY

Power spikes or electrical disruptions in a facility could be from power quality (PQ) issues. Up to 80% of power quality issues occur within the building[2]. Subpar PQ can be costly.

PQ experts can identify anomalies that are affecting the facility so they may be corrected. The benefits of correcting poor power quality include considerable utility savings, extended equipment life, and increased productivity.

7 RESILIENCE

Power is necessary for critical facilities. Power failure is often out of your control – utility grid failure, cybersecurity threats, extreme weather events, and more. You can control how you confront this issue and recover from the interruption. Energy efficiency is a smart first step. The amount of backup power needed is decreased when energy efficiency practices have been established. A lower energy load is required from standby power, such as a backup generator, solar system, battery energy storage system, or a robust microgrid to get a facility functioning.

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1. https://www.epa.gov/energy/electricity-customers
2. https://www.epri.com/research/products/TR-111762-V2R1