



Lighting Efficiency Solutions Proven. Profitable. Sustainable



At 5th Energy we verify, plan, and install complete lighting energy efficiency solutions.

By installing a combination of the most advanced, tried and tested occupancy and daylight harvesting sensors, retrofitting old switching gear and changing lamps, **we have saved up to 85% of a company's lighting costs; equivalent to 20% - 40% of the total electricity bill.**

Almost 90% of an office's carbon footprint stems from electricity.

By removing lighting waste, 5th Energy enables you to save money, whilst showing environmental and corporate responsibility leadership.

Rising electricity prices, coupled with arguably the fastest payback period for CO² abatement makes our award winning Proactive Energy Management System™ an easy choice.

Furthermore the cost of installation can be paid via the savings made – with **no upfront cash/capex and no Balance Sheet or Income Statement impact.**

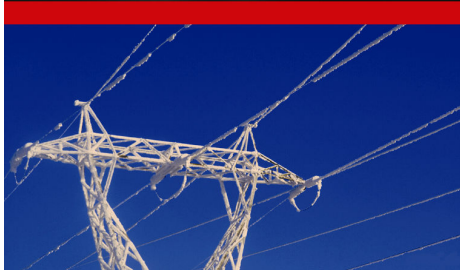
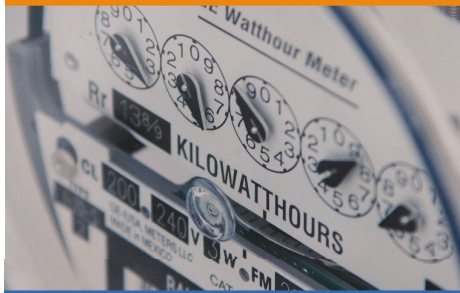
Our proven engagement process starts with a unique audit of your company's occupancy intensity, using proprietary technology. This gives us hard data, which coupled with a physical lighting audit, utility bill analysis and other evidence, gives us accurate savings predictions.

The proposal shows electricity, environmental and financial savings, confirming project viability and facilitating stakeholder buy in.

No more guesswork, no more risk, bankable ROI.

The resulting efficiencies lower water use and CO² gas emissions associated with electricity generation, while simultaneously improving your company's environmental and social responsibility standing.

Payback ranges between 1-3 years, and we have an attractive zero capex option achieved through a shared savings model under a rental, lease or Energy Performance Agreement.





The 5th Energy Difference

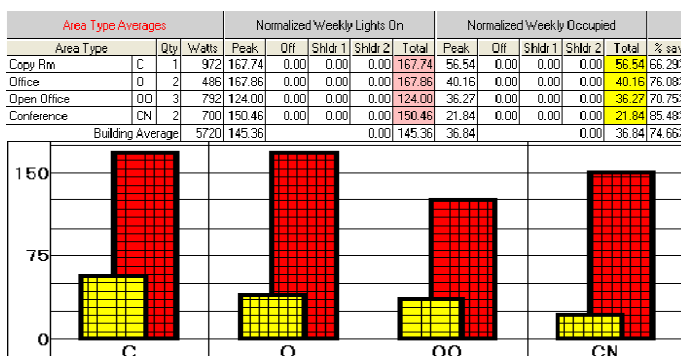
- **Focus:** energy efficient lighting solutions is all we do
- **Award winning** demand side management
- **Solution centric:** world leading products, with knowhow to maximise value
- **Widest range** of energy efficiency lighting products
- **Domain expertise:** established vendor relationships and own manufacturing
- **Risk reduction:** our proprietary diagnostic assures ROI up front
- **Move and remove flexibility:** sensors can be removed and/or redeployed.
- **Zero capex options:** get the benefits without any cash flow or balance sheet impact by entering an Energy Performance Agreement serviced out of savings



“Efficiency is the largest, cheapest, safest, fastest energy option. It’s also the least visible, least understood, and most neglected”

Rocky Mountain Institute

Risk reduction through accurate metrics



Using existing building systems and staff behaviour as the reference baseline, we collect accurate data on occupancy intensity. Red bars show your current electricity use, and yellow indicates what is required.

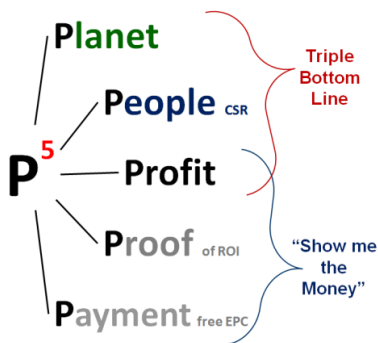
The difference between the red and yellow figures is the potential electricity saving. With this and other information, we calculate the financial and environmental impact of electricity reduction.



Our solutions are proven in offices, open plan spaces, toilets, passages, meeting rooms, parking basements and parkades, canteens, kitchens and warehouses.

With technologies ranging from infra red, high frequency, phonic, lux level and dual technologies, our solutions are suitable for buildings with or without a Building Management System.

Having over 150 different sensor types we can ensure maximum sensitivity where required (eg, keyboard typing behind a partition) or react to big movements at maximum range (eg, forklifts in a large warehouse)



- Planet:** Energy savings, CO2 & water abatement
- People:** Visible proactive corporate responsibility
- Profit:** Attractive ROI, 1-3 year payback, CDM carbon credits
- Proof:** Unique diagnostic to prove potential savings
- Payment:** Self financing free install with EPC