



Energy Solutions





WF Energy Solutions Mission Statement

To maintain WF Electrical as the leading distributor of energy-saving solutions and provider of energy efficient products, and to promote the importance of professional energy management for the economic, social and environmental well-being of its customers and their clients.

WF Energy Solutions is committed to:

Our Customers

- Improving our customers' energy efficiency
- Reducing our customers' carbon emissions
- Reducing our customers' energy costs
- Reducing our customers' dependence on finite fossil fuels
- Delivering bespoke client proposals that are clear, informative and deliverable
- Raising awareness of the emergence of new technologies that contribute to the achievement of the above

Our Suppliers

- To strengthen partnerships by aligning market strategies, effort and innovation in relation to energy efficiency
- To work with the industry leaders in concept and service

Our Employees

- To create a stimulating working environment conducive to innovative thinking in terms of energy solutions
- To provide a support network for energy efficiency related endeavours and activities

WF Energy Solutions

Our dedicated division set up to focus purely on providing solutions in specific sectors, offers unrivalled expertise and access to cutting-edge technology that will transform your business, save energy and costs, and reduce your carbon footprint.

As a market leader, we recognise the rapid changes that are occurring within our industry and the ever increasing pressure placed on electrical engineers and consultants to offer a design and build service to their clients. As we are not tied to any specific manufacturer, our advice is totally unbiased. The whole project can be split between many

suppliers, each with a specialist in their own field, be it in an industrial, retail, leisure, office or commercial environment. Together with our sector specialists, we can manage your entire project from its concept to its fulfilment, ensuring your client's full satisfaction

Our services include:

- **Cost of ownership calculations and Energy Surveys**
- **Design schemes**
- **Innovative and bespoke design products**
- **Training courses (lighting, PV, Data)**
- **Recycling options**

Solutions Available



About WF

So much more than a distributor....

If you are looking for an innovative solutions provider with a proven reputation for delivering outstanding service in the electrical industry, then look no further. WF has evolved from its roots as a highly respected electrical distributor into a modern pioneering entity that can deliver complete solutions in every electrical sphere, specialising in energy efficiency, employing bespoke products and services that are unique to WF through its close partnerships with key suppliers.

Quality you can trust

For over 100 years, WF has been synonymous with reliability of service, quality of product, and a willingness to 'go the extra mile' for our customers. We are transforming the company and diversifying into new markets to open up opportunities for our customers, and pride ourselves on setting the standard in the industry in terms of service, product range and availability, and ability to source the impossible 'special'. Never losing sight of these trusted elements of our service, they will always form the firm foundations of our offering.

Energy Solutions from start

Light Sources

Our Light Sources Team is able to provide an on-site service that will provide you with a detailed energy survey using our unique Cost of Ownership model. This instant calculation will demonstrate the potential cost and energy-savings to be made, drawing a comparison between the existing lamps used, and propose products. Recommendations and technical advice can be provided for your end-user to enable them to make an informed decision, and to give them a clear idea of how their energy-saving targets can be met, and in what timescale.

The Cost of Ownership model will demonstrate:

- Electricity and maintenance cost-savings
- CO₂ savings in tons
- Number of trees saved
- Payback period

HVAC/Building Controls

Intelligent building controls and metering can transform your energy efficiency quickly and easily with immediate results and impressive payback timescales. In conjunction with partner suppliers, we provide a comprehensive range of products and carry stocks throughout the branch network. The team can provide:

- Technical support and site visits, with our partner suppliers where required,
- Valve sizing service
- Pump selection
- On-site surveys
- Renewable energy offering



Lighting Design

Our unique lighting design service offers bespoke solutions for your projects, including:

- A proposal that includes how the project would be instigated, managed and measured
- Case studies relevant to your project,
- A range of solutions, demonstrating potential cost and energy savings that can be achieved for each option Bespoke products designed in conjunction with our partner suppliers.
- Independent unbiased advice enabling you to make an informed decision with confidence that your energy-saving targets and timescales will be met.



to finish...

Data

We offer a comprehensive range of datacomms energy solutions including datacentre cooling to:

- Reduce power draw, lower running costs
- Reduce the complexity of solutions required lowering capital costs

Combine software and hardware solutions to maximize your IT energy efficiency and reduce any unnecessary emissions to their fullest extent, providing:

- A complete reduction in night-time energy wastage
- Reduced daytime energy costs
- The potential streamlining of network maintenance tasks and full reporting



Recycling

We offer **free of charge WEEE affected product, lamp and tube and battery recycling** services either via our sales counters or direct from your premises

A small charge may be made to cover the cost of the statutory consignment note which is required under a different set of regulations (please discuss this with your local branch) but we will not charge you anything to recycle any product covered by the WEEE and Battery regulations.

PV Solar

WF Energy Solutions can take care of all your PV/solar requirements in terms of products, design and technical support, and even training courses that will open up this exciting growth market to your organisation.

Training

Solar PV installers have become highly sought after, because of the financial incentives put in place for those that have PV installed. The good news is that most electricians already have many of the skills and qualifications

needed to install the systems and get registered onto the Microgeneration Certification Scheme (MCS). Usually, all you need is a short (technology-specific) course to "top-up" your knowledge and qualifications. Our 3 day course including theory, practical and assessment, will provide Logic Certification.

Quality products, all from stock, when and where you need them

Our stock-holding now covers everything needed for a complete PV Installation, including: quality manufactured Modules both Mono Crystalline and Poly Crystalline, inverters, AC and DC Isolators, AC and DC Cabling and everything right down to the warning labels to complete the installation!

We offer:

- Insurance backed 25yr performance guarantees
- BBA Approved fixing systems
- National Branch Distribution capability
- Bespoke PV design service for partnered contractors



WF Solutions

7 Steps to Energy Efficiency

The WF Energy Solutions Team can take you through our 7 easy steps to energy efficiency, and will be there to support you from a project's inception right through to its completion and follow-up, to ensure the complete satisfaction of you and your client.

3 Product Proposal

Our energy manager will recommend the best equipment to help you achieve your energy targets. A range of products will be offered with no manufacturer bias so that an informed decision can be made.



4 Project Presentation and Proposal

We will ensure you receive a detailed report and proposal, so that the savings calculated can be clearly identified enabling you to implement the recommendations with confidence.



5 Project Planning

Your long-term strategy is important to us and our Energy team will ensure that you achieve your goals with professional planning from project inception to execution and will involve relevant manufacturers at the appropriate stage, for example bespoke design products or where specific technical expertise is required.





2 Energy Audit

Full energy audit to identify where you can save and how much, which can include utilisation of metering, full analysis of lighting and building controls, and completion of a cost of ownership exercise to establish the potential energy, CO₂ and cost reductions that could be achieved.



1 Feasibility Study

On our initial visit we will gain an understanding of your needs to establish what is achievable, taking into consideration budget and any other constraints. We will also identify any areas where simple changes can result in instant savings. An assessment of the electricity bill for the premises is central to this study.



6 Project Installation

We can arrange for approved partner organisations to carry out installation works where required and giving our assurance that their service is of the highest standard.



7 Project Measurement

We want to ensure that you achieve your target savings, so assess the performance of the installation by measuring energy consumption pre and post installation, and identify whether any further enhancements are required.

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- ILFORD**
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Certificate No. 3738



Certificate No. E00112

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If in doubt call
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