OPTIMUM ELECTRICS

COMPANY PORTFOLIO

Commercial Electrical Installations

Supporting principal contractors across commercial construction and fit-out projects

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Who We Are

Optimum Electrics Ltd is a Peterborough-based electrical contractor delivering high-quality installations across commercial construction, refurbishment and specialist energy projects. Since our founding in 2011, we have built a reputation for reliable delivery, strong technical expertise and a genuine commitment to health and safety. Our team works closely with principal contractors, consultants and project managers to deliver electrical installations that meet demanding specifications and construction programmes.

We understand the realities of working on busy construction sites, coordinating with multiple trades, maintaining safe and organised working environments, and delivering installations that are completed, tested and certified to the highest standards. From initial planning through to commissioning and handover, Optimum Electrics aims to be a dependable electrical partner that contractors can rely on to deliver consistently across multiple projects.

"Our focus has always been simple - deliver electrical installations that contractors can rely on. That means working safely, communicating clearly and ensuring every project is completed to the highest standards, on time and without complication."

- Tom Clarkson, Director

Key Capabilities

ELECTRICAL INSTALLATIONS

- Commercial fit-out electrical installations
- Small power & lighting installations
- Distribution boards & power infrastructure
- Containment systems (tray, basket, trunking, conduit)
- Emergency lighting systems
- Fire alarm installations
- Data & structured cabling
- AV electrical infrastructure
- Testing, commissioning & certification
- Design, install, and commissioning

SPECIALIST SYSTEMS

- Solar PV & battery storage
- EV charging infrastructure
- Energy monitoring systems
- Smart building/automation systems
- Design, install, and commissioning of solar and EV

Management Team

Tom Clarkson — Director

With extensive industry experience, Tom remains closely involved in ensuring the company continues to operate with professionalism and attention to detail across every project.

Matthew McGlynn — Project Manager

Known for his organised approach and attention to detail, Matthew plays a key role in ensuring projects are delivered smoothly and to the high standards our clients expect.

Lee Barsby — Head Of Solar

Lee has extensive experience in renewable energy installations and has been instrumental in developing Optimum Electrics' solar and battery division.

Brooke Williams — Site Supervisor

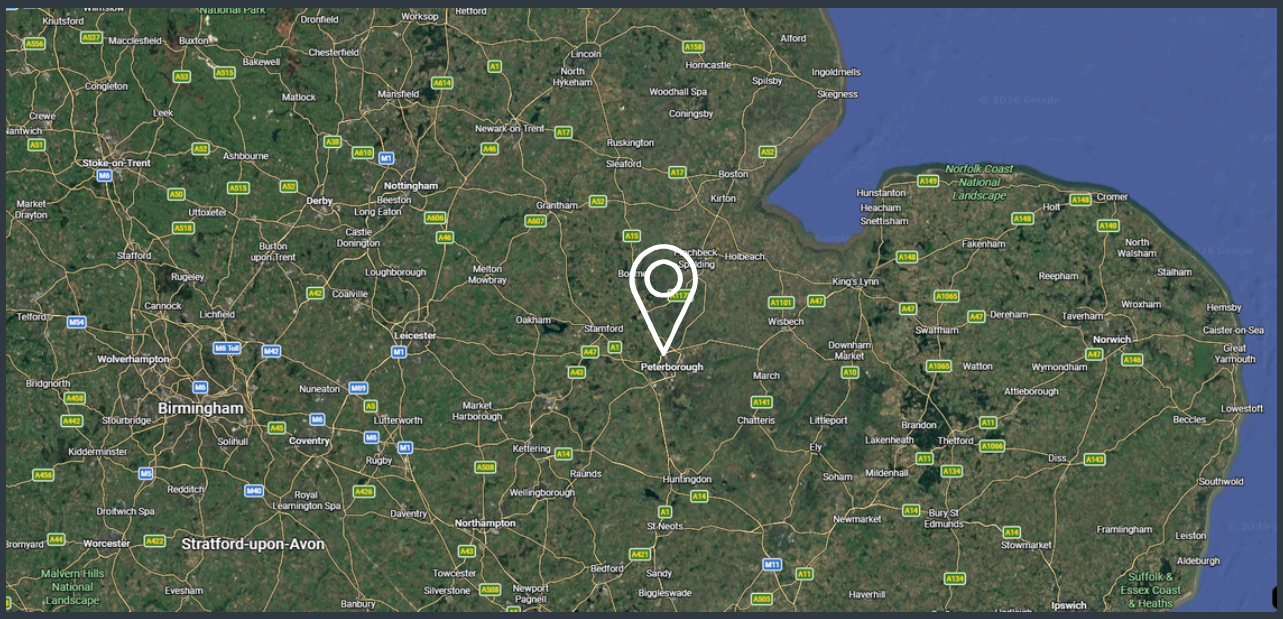
Known for her reliability and strong work ethic, Brooke consistently delivers high-quality work and helps maintain the excellent standards our clients expect on site.

Regions of Work

Head Office: Peterborough

We primarily operate across:

- Cambridgeshire
- Lincolnshire
- Northamptonshire
- Bedfordshire
- East Midlands
- Greater London (for specialist projects)



Project Cability

Optimum Electrics is capable of delivering projects with a value of up to £1,000,000, with the capacity to undertake larger projects subject to agreed payment terms.

Testimonials

We've used Optimum for many years, and they've always been brilliant. Tom and the team are reliable, knowledgeable, and genuinely care about their work. Wouldn't go anywhere else.

- Rob Brownlee

"It's rare to find such a consistent and reliable subcontractor of their calibre that can provide electrical solutions across both the commercial and domestic sectors. We're able to entrust their experienced team with all of our customers."

- Andrew Asker, Princebuild

"Thanks to Optimum Electrics for being patient, informative, and supportive over the past year. Thanks to Brooke and the team for a superbly tidy installation, fitting 50 solar panels and a Sigenstor battery on our grade II listed church. They really know their stuff and played a pivotal role in securing backing from Historic England and complying with rigorous planning approval criteria."

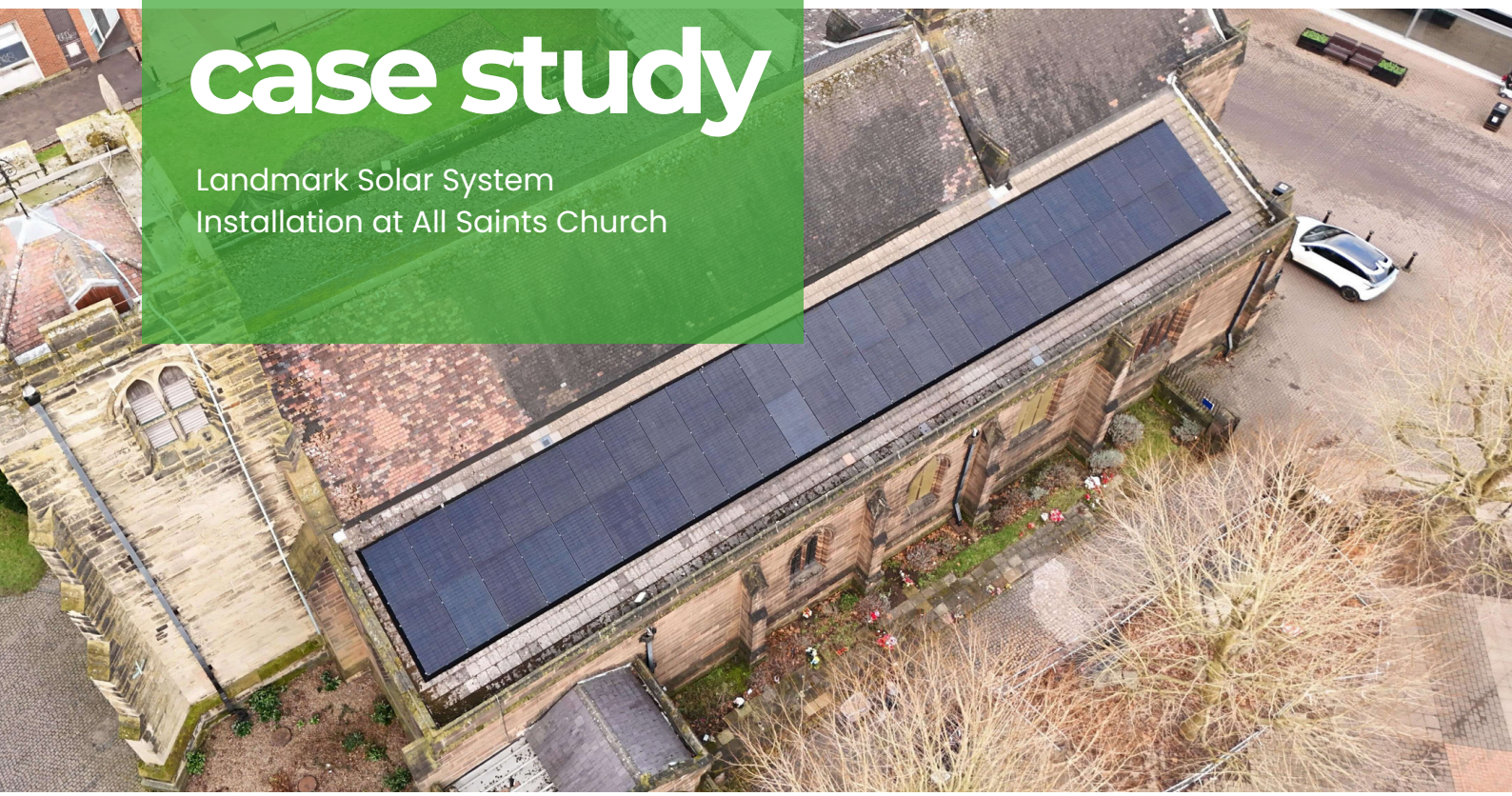
- Christine Rigden, All Saints Church

Project Delivery Process

- Pre-construction review
- Programme planning
- Coordination with other trades
- Installation
- Testing and commissioning
- O&M documentation

solar case study

Landmark Solar System Installation at All Saints Church



PROJECT OVERVIEW

All Saints Church in Bedworth embarked on an ambitious journey to enhance its sustainability profile and contribute to the Church of England's collective goal of becoming carbon neutral by 2030. Recognising the historic and cultural significance of the building—a Grade II* listed structure—the church sought a bespoke solution that would not only reduce its carbon footprint but also preserve its heritage aesthetics. Optimum Electrics was approached for a tailored quote, expert guidance, and comprehensive supportive materials. These resources played a pivotal role in securing backing from Historic England and positioning the church as a demonstrator project for sustainable practices within the Church of England.

DESIGN & CONSULTATION

Optimum Electrics worked with All Saints Church to design a bespoke solar system that maximised performance while respecting the building's historic character and meeting all planning requirements.
Key considerations included:

- Subtle appearance: All-black panels chosen to blend with the roofline.
- Space optimisation: Compact Sigenergy hybrid inverters and batteries used due to limited space.
- Planning compliance: Discreet cable routing and SolaSkirts installed to conceal rails and panel undersides.

VIEW FULL CASE STUDY HERE

THE SYSTEM

The battery storage system was carefully tailored to meet the church's demanding energy requirements:

- **System Size: 25kW**
- **Components:**
    - 50x All Black Solar Panels
    - 1x 25kW Sigenergy Hybrid Inverter
    - 2 x 8kWh Sigenergy Batteries and 1 x 5kWh Battery

INSTALLATION

The installation took place over one week, with the team working Monday to Friday to minimise disruption to the church's daily activities and community groups. Optimum Electrics ensured that all work was conducted around the church's planned services, events, and programs.

CONCLUSION

This installation stands as a testament to how modern renewable energy solutions can be harmoniously integrated into historic buildings. With the support of Optimum Electrics, the church successfully navigated the challenges associated with its Grade II* listed status, secured planning permission, and achieved a state-of-the-art installation that not only cuts energy costs but also advances the Church of England's carbon neutrality goals.

fit out

case study

Northamptonshire's Pioneering New Visitor Hub

PROJECT OVERVIEW

Optimum Electrics was appointed to deliver the electrical infrastructure supporting the interactive digital installations at Visit Northamptonshire's new visitor hub, a pioneering space designed to showcase the county's heritage, culture and tourism offering.
Working alongside the wider project team and specialist AV providers, our role focused on delivering the power, containment and supporting electrical systems required to bring a series of immersive digital displays and interactive installations to life. The project required careful coordination with multiple trades to ensure a seamless integration of technology within the newly created visitor environment.

DESIGN & CONSULTATION

The visitor hub features a number of interactive exhibits designed to engage visitors through touchscreens, digital displays and media installations. Optimum Electrics worked closely with the project team to ensure the electrical infrastructure was carefully planned to support these systems while maintaining the clean, contemporary aesthetic of the space.
Key considerations included:

- Coordinating electrical infrastructure with specialist AV installations
- Ensuring reliable power distribution for sensitive digital equipment
- Concealing containment and cabling to maintain the visual design of the exhibition space
- Delivering installations that allowed easy maintenance and future upgrades

INSTALLATION

Optimum Electrics delivered a range of electrical works to support the visitor hub's interactive installations, including:

- Power infrastructure for interactive displays and digital exhibits
- Containment systems for data and AV cabling
- Electrical supplies for media equipment and integrated technology
- Coordination with AV specialists during installation and commissioning

Our team worked collaboratively with contractors and installation partners to ensure all electrical systems were safely installed, tested and ready for final commissioning of the visitor hub's digital experiences.

CONCLUSION

The completed visitor hub now provides an engaging and modern space where visitors can explore Northamptonshire through immersive digital experiences. By delivering the electrical infrastructure that supports these interactive installations, Optimum Electrics played a key role in helping bring the concept to life.

VIEW FULL CASE STUDY HERE

Discover Northamptonshire
CULTURE · TOURISM · HERITAGE

Further Work

New builds - Elm, Long Sutton & Manea

Scope:
- Full electrical package for new build properties, first and second fix
- Solar installation to meet SAP calculations
- EV charging installation to each property

Sneinton Market Redevelopment - Nottingham

Scope:
- Redevelopment of three fire-damaged buildings into:
  1. Cat A fitout for a restaurant
  2. Cat A offices and eight flats
  3. Forty four cat A flats and four retail units

McDonalds - Nationwide

Scope:
- Wiring and connection for test setups before countrywide rollouts (e.g. table projectors, iPads, new lighting styles, and restaurant layouts)
- UK-wide electrical maintenance (primarily lighting)

ADP - Peterborough

Scope:
- Annual maintenance contract
- Automatic door installation
- Fire stopping
- Plumbing
- Lighting and control system replacement
- Legionella testing and risk assessment

Pizza House - Peterborough

Scope:
- Full restaurant fitout
- New lighting, power, audio, fire alarm, and professional kitchen electrics

Thank You

Thank you for taking the time to review our portfolio. We would welcome the opportunity to work with you should a suitable opportunity arise.

Questions? Get In Touch

Contact Us
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Visit Our Website
www.optimumelectrics.co.uk