



**HORIZON POWER
GROUP**

Your Energy Efficiency Partner

Delivering Profitable Solutions Towards Net Zero

Consult | Design | Supply | Install | Maintain



At Horizon Power Group, we are proud to support our clients in achieving their ESG targets by deploying **proven and reliable technological solutions** using data driven decisions. Sustainability and profitability harmoniously achieved.

Tom Griffin

Tom Griffin

Chief Executive Officer
Horizon Power Group

We deliver reliable, energy efficiency solutions, Nationwide.

Save energy, save money and achieve your sustainability targets with no upfront investment:

Our consultation process begins with a thorough assessment of **your energy and heating needs**, identifying efficiency opportunities and clearly demonstrating how we can optimise energy demand, lower consumption, and cut costs—all while reducing your carbon footprint.

With over **300 MW of successful projects** safely delivered across the UK, even in the most complex environments, we bring proven expertise. We're so confident in our solutions that we offer **zero upfront cost options**, ensuring immediate savings and positive cash flow from day one.



Zero Capital
Options



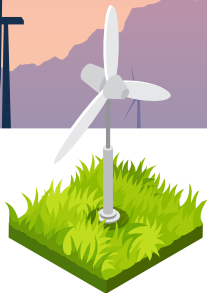
Zero Risk
Approach



Maximum
Carbon
Savings



Market
leading
Solutions



Wind Turbines
(250kW to
multi-MW)



**Combined Heat
& Power (CHP)**
Hydrogen Ready



Solar Installations
(Roof & Ground
Mounted, Carports &
Canopies)



Heat Pumps
(Ground Sourced,
Water Sourced &
Air Sourced)



LED Lighting
(Energy-efficient
LED Lighting &
Smart Control)

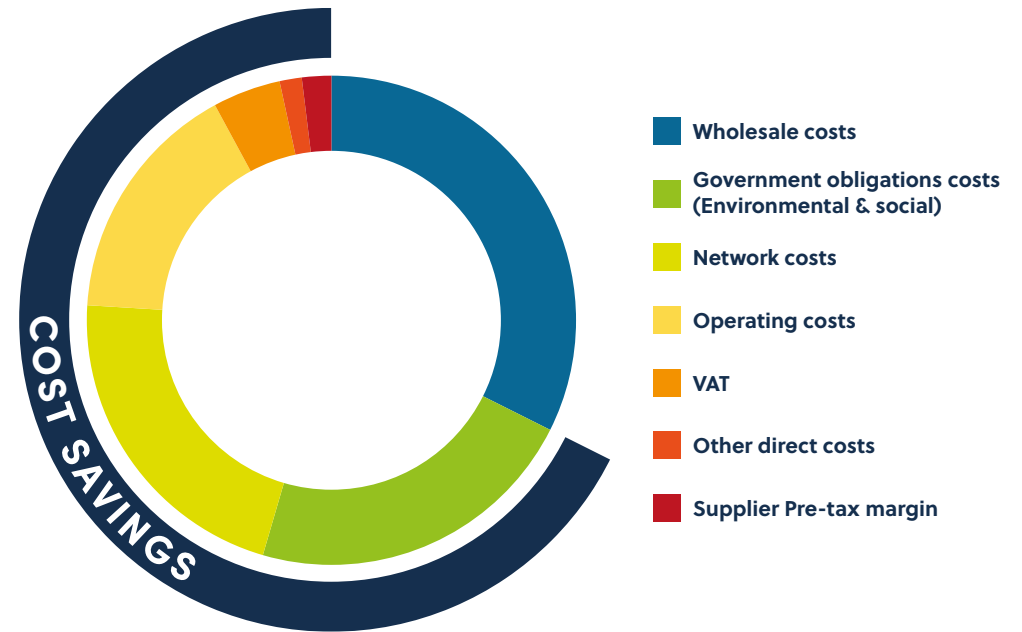
Where your energy costs go, and how to cut them.

Did you know that only around 35% of your energy bill covers the actual cost of the energy you use?

The rest is made up of **grid transmission costs, government levies, and operational charges**, all of which add up significantly.

By improving **energy efficiency and generating clean, renewable power on-site or via direct supply**, you can eliminate many of these extra costs, significantly reducing your energy spend whilst cutting carbon emissions.

Our proven solutions help you take control of your energy use, **lowering costs by up to 60%** through smarter consumption, local generation, and optimised efficiency measures.



Who we work with:

We support a wide range of sectors, helping organisations reduce energy costs, improve efficiency, and meet sustainability goals.

Public & Education

- Schools & Colleges
- Universities
- Local Authorities & Government Departments

Healthcare & Residential

- NHS & Private Healthcare
- Care Homes & Retirement Living
- Student Accommodation

Commercial & Industrial

- Manufacturing & Industrial Facilities
- Retail & Commercial Properties
- Hospitality, Hotels & Leisure

Construction & Built Environment

- New Build Developments
- Architects & M&E Consultants
- Historic & Listed Building

Land & Infrastructure

- Landowners
- Landlords
- Transport & Infrastructure

Why choose Horizon Power Group?

With a proven track record of delivering over **300 MW of energy efficiency projects**, we bring extensive expertise and industry-leading solutions to every project. From heat pumps, solar and wind to hydrogen-ready CHP and battery storage, we provide a fully integrated approach - covering consultation, design, installation, and lifetime maintenance and optimisation.

We stand apart because we offer:

- **A single energy rate across all technologies** – simplifying budgeting and maximising savings.
- **Projects from 25kW to multi-MW** – scalable solutions tailored to your needs.
- **Full in-house expertise** – acting as both Principal Designer and Principal Contractor, ensuring seamless project execution.
- **End-to-end support** – from initial assessment to lifetime optimisation, guaranteeing performance and reliability.

Whether you're looking to **cut costs, lower carbon emissions**, or secure **long-term energy resilience**, we provide the expertise and flexible funding options to make it happen - without risk or upfront investment.



Maximising energy efficiency: on your site or nearby

Generating your own renewable heat and energy is one of the most effective ways to cut costs, reduce carbon emissions, and improve energy security. Whether on-site at your facility or through a near-site development, we provide fully managed solutions that allow you to benefit from low-cost, sustainable energy—without the burden of upfront investment.

On-site

If suitable, we install heat pumps, solar panels, wind turbines, hydrogen-ready CHP and battery storage **at your facility**. This means you can:

- **Use clean energy exactly where it's generated** - eliminating grid costs and transmission losses.
- **Reduce reliance on external suppliers** and gain control over your energy supply.
- **Choose between owning the system** or opting for a fully funded, zero-risk model.

Near-site

If on-site generation isn't feasible due to space or infrastructure limitations, we **secure and develop nearby land** to generate renewable heat and power for your organisation. Through a direct wire connection, you benefit from:

- **Cheaper, greener energy** without needing space at your facility.
- **No grid dependency** - scalable solutions tailored to your needs.
- **Zero capital outlay** - we manage the entire process, from land acquisition and easements to planning and installation.



Energy Solutions - From Trusted Tier 1 Manufacturers

We design tailored energy strategies using **market-leading AI** and **industry expertise** to cut costs, lower carbon, and maximise efficiency. From solar PV and wind turbines to heat pumps and hydrogen-ready CHP and battery storage, our solutions provide reliable, long-term savings—all using **trusted Tier 1 manufacturers** for guaranteed quality.

1 Solar PV

Harness the power of the sun with roof-mounted, ground-mounted, solar carports, or canopy systems—lowering energy costs and reducing grid reliance.

2 Battery Storage & UPS

Store excess energy to maximise efficiency, reduce waste, and provide backup power when you need it most.

3 Wind Turbines

Generate clean, reliable energy with onshore wind power solutions from 250kW to multi-MW projects, helping you cut costs and emissions.

4 Hydrogen-Ready CHP

A highly efficient combined heat and power system, ready for a hydrogen future, delivering electricity and heat with maximum cost savings.

5 Heat Pumps

Extract renewable heat from the ground, air, or water to provide low-carbon heating and cooling for your site.

6 Cooling & Ventilation

Improve indoor air quality and enhance efficiency with optimised ventilation and cooling systems that reduce carbon impact.

7 LED Lighting & Smart Controls

Reduce energy consumption and improve efficiency with advanced LED lighting and intelligent controls.

8 Building Management Systems

Optimise your facility with AI-driven controls that monitor and manage energy use in real-time for maximum efficiency.

9 Asset Optimisation & Maintenance

Ensure long-term performance with remote monitoring, predictive maintenance, and operational asset management.



Cut costs, take control & maximise efficiency.

Most organisations are paying far more for energy than they need to.

That's because only 35% of your bill covers the actual cost of energy - the rest goes towards grid charges, levies, and transmission losses.

By generating clean energy and heat on-site or via direct supply (behind the meter), you can eliminate unnecessary costs, significantly reduce carbon emissions, and save up to **60% on your energy bills**. This approach is cheaper than buying from the grid and ensures greater energy security for your organisation.

Key Benefits:

- Up to 60% reduction in energy costs
- Eliminate grid costs and government levies
- Immediate positive cash flow from project outset
- No operational or maintenance costs (with funded options)
- Retain your current energy supply contract
- Achieve your environmental targets



Our Process - A Simple, Seamless Journey.

Initial Assessment

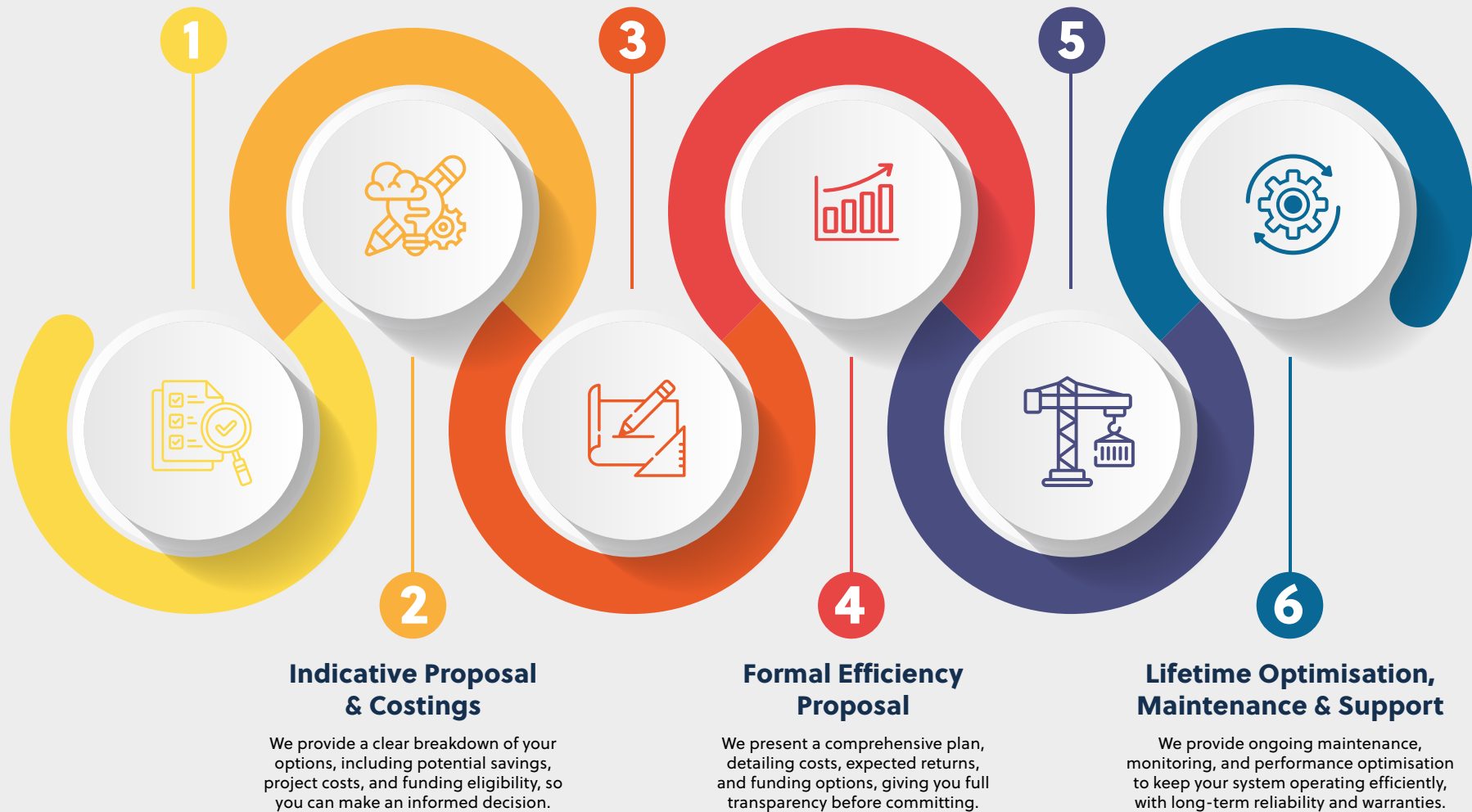
We start with a free, no-obligation consultation to assess your energy needs and site conditions, identifying cost-saving and efficiency opportunities tailored to you.

Detailed Design

Our engineers conduct technical assessments, including heat loss calculations, structural surveys, and CAD designs, ensuring the best-fit solution for your site.

Safe Implementation

As Principal Contractor and Designer, we manage all planning, compliance, and installation, ensuring smooth, disruption-free delivery—even in complex environments.



Funding Options - Tailored to Your Needs

Investing in energy efficiency shouldn't be a barrier to cutting costs and reducing carbon.

That's why we offer flexible funding solutions, allowing you to choose the best approach based on your budget, objectives, and level of involvement. Whether you prefer full ownership, a zero-capital model, or a structured financing option, we make it easy to unlock savings and sustainability benefits.

Capital Investment

Own & control your energy

For organisations that want full ownership, this option allows you to invest upfront, gaining complete control over the system, its savings, and long-term benefits.

✓ Benefits:

- Maximises long-term savings
- The asset and all energy generated belong to you
- No ongoing payment commitments

❗ Requirements:

- Requires capital expenditure upfront
- Maintenance and operational responsibility sits with you

Power Purchase Agreements (PPA)

No upfront cost, pay for what you use

Zero Capital and off-balance sheet. We fund, install, and maintain the system - you simply purchase the energy generated at a lower, fixed rate than grid prices.

✓ Benefits:

- No upfront investment required
- Immediate cost savings on energy bills
- Long-term price security against market volatility

❗ Requirements:

- Requires a long-term agreement (15–40 years)
- You don't own the asset but benefit from its output

Funding

Spread the cost, keep the savings

Ideal for organisations seeking immediate benefits with no upfront cost. We offer flexible payments, asset transfer options, and public sector-compliant leases.

✓ Benefits:

- Fixed payments over 2–10 years
- Retain ownership after the lease term
- Can be structured for positive cash flow from day one

❗ Requirements:

- Requires monthly/quarterly payments
- You take responsibility for maintenance unless covered in the agreement

Energy & Heat as a Service

Fully managed, zero risk

We own, operate, and maintain the system, supplying you with clean energy, heat, or cooling without any ownership responsibility. Simply pay for the energy you use.

✓ Benefits:

- No upfront cost or financial risk
- No asset responsibility
- Option to take ownership at the end of the agreement

❗ Requirements:

- Ongoing payments based on usage
- Asset ownership remains with the provider until contract end
- Typically off-balance sheet



Horizon Power Group has the in-house technical, operational and commercial expertise to drive your project from initial feasibility to successful commissioning, **providing lifetime aftercare** and optimisation support.

Jilly Addis

Jilly Addis

Managing Director
Horizon Power Group



Smarter Energy, lower costs and a greener future.

We help organisations **cut energy costs**, **reduce carbon emissions**, and **enhance sustainability** with tailored, high-performance solutions. From heat pumps, solar and wind to hydrogen-ready CHP and battery storage, we provide consultation, design, installation, and lifetime support - all with flexible funding options, including zero upfront cost solutions.

Talk to us today and discover how we can help your organisation take control of its energy future.



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