



Fast, low-cost, reliable, localised energy.

Electricity Connections. Simplified.

Despite recent reforms, the National Grid connection queue is still a problem. In fact, some developers are waiting years to get their projects connected.

The solution is already here.

The Eclipse Power group already provides solutions to getting connected, via our industry leading IDNO service and Grid Consultancy. To compliment these solutions, we've been working on something new - Eclipse Power Optimise. Eclipse Power Optimise will work with you to design, build and operate a private network or a microgrid. We'll advise you on which route is right for you.

Microgrids and private networks enable local energy generation to be used where it's needed most – in the area where the generation sources are located.

The result: A rapid reduction in the time it takes to get an efficient, low-cost, reliable energy connection for your project.



What are Microgrids?

A microgrid generates power locally – usually through renewable energy sources such as solar or wind power. Then it distributes the power to a local network. This means, for example, that a housing developer, a retirement village or even an existing local community, can get the power they need at potentially a lower cost.

A microgrid requires a smaller connection to the national grid, enabling excess power to be stored and exported back to the grid when demand is high. Sitting behind a single meter, the microgrid is primarily designed to meet local needs. So, there's less infrastructure to build and far less power required than would be needed for a conventional grid connection.

What are Private Networks?

A private network is similar to a microgrid, but bigger.

Private networks are localised electrical power distribution systems managed by a private company, local authority or other entity. Able to operate independently to the grid or in conjunction with it, private networks enable connected sites to generate, distribute and control their energy supply more effectively. This means that the cost of energy can be much lower.

Private networks also allow greater flexibility in the design and management of the network. This solution can be used to alleviate construction challenges, pursue growth opportunities and deliver phased developments far more effectively.

How we can help

Eclipse Power Optimise can help you to design, build and maintain a microgrid or private network, working to the same high standards as any other network. We'll also manage the relationship with the grid for you, so you have less to worry about.

Friendly experts with lots of experience

Eclipse Power Optimise is part of the Eclipse Power Group. So, when you talk to us, you're talking to a team of highly experienced, dynamic experts in the field of grid connections, backed by big company resources.

Eclipse Power has a long track record of successfully designing, owning, operating and maintaining licensed electricity distribution networks across the UK, working across a wide range of sectors – including battery storage, solar farms, data centres, EV charging infrastructure, and industrial, commercial and residential developments.

By working with us you benefit from:

- Efficient, low-cost, reliable energy. All delivered from a single source of expertise.
- Meeting sustainability and environmental commitments while reducing costs.
- A simpler, cheaper and faster connection, offering an alternative solution to the frustrations of the conventional grid connection process.
- Experienced, dynamic experts working within the energy sector's regulatory framework.
- Local power generation at the point where the demand is.
- Joint venture opportunities for developers and property owners.
- Potential for significantly lower energy bills.
- The opportunity to retrofit existing developments.

Get in touch

Eclipse Power Optimise will launch soon.

Make sure you're the first in the know by following Eclipse on Linked In.

Or, get in touch with the Eclipse team now for more information on our full range of services.

Find out more at:

eclipsepower.co.uk

