



Operations and Maintenance Services

Dedicated to delivering **peak performance** within the renewable energy industry.



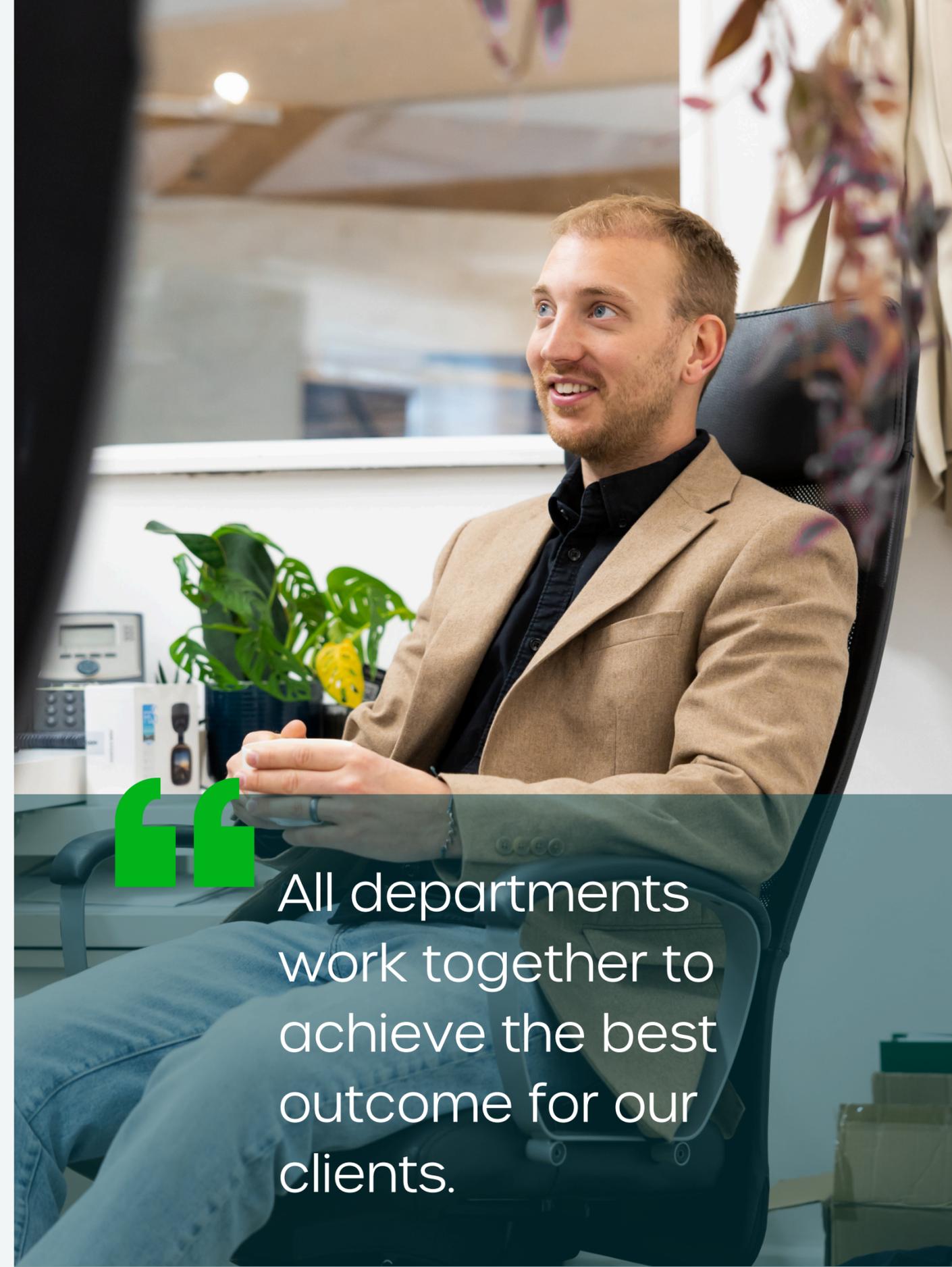
A message from our Head of O&M

We've been providing leading engineering and technical services for over 10 years. As a team we have a wealth of knowledge covering data analysis, performance, engineering, technology and security. With all our expertise in house we have been able to support both small and large scale assets within the wider renewable energy industry.

Our ever growing team covers a wide range of services, and all departments work together to achieve the best outcome for our clients. Since 2012 we've incorporated additional solutions to enable a seamless operations and maintenance process for asset owners and managers.

Seeing the progress that the Operations and Maintenance team have made since starting has been amazing and I am thrilled to be on this journey with our fantastic team.

Sam Wookey
Head of O&M



All departments
work together to
achieve the best
outcome for our
clients.

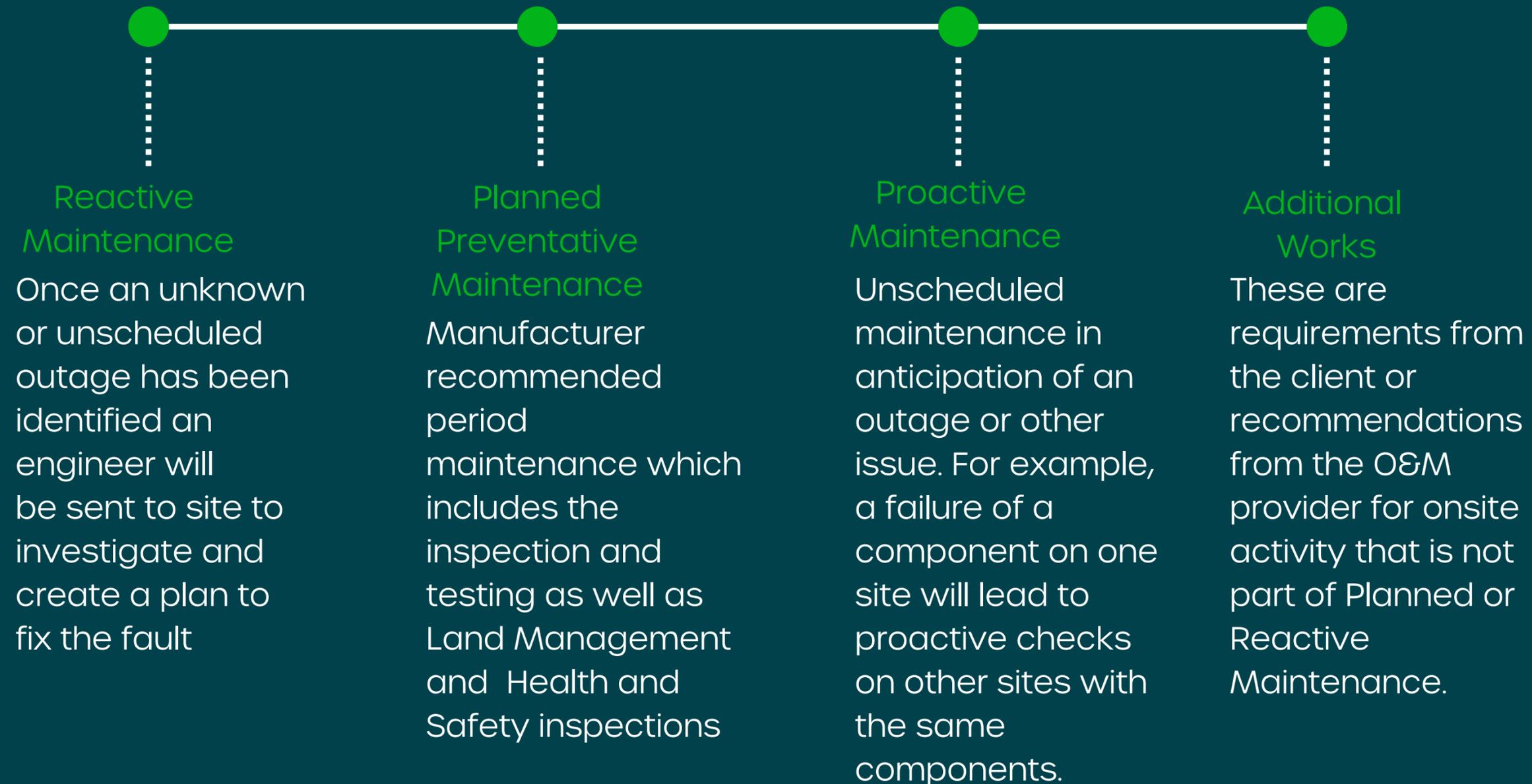


Bowerhouse II Solar Farm
Designed, constructed and
connected by Ethical Power in 2022.
It has since been maintained by
Ethical Power O&M team.



Site maintenance services

One team, **managing all aspects** of your assets, under one roof.





What do we look at during our maintenance services?

- Health and Safety Inspections
 - Inverters
 - Transformers
 - LV/HV Cabling
 - G99/G100 Relays
 - Switchgears
 - Modules
 - Fencing and Access
 - Dataloggers
 - Meters
 - Land Management
 - CCTV Monitoring
 - Performance Monitoring
- ...and more!

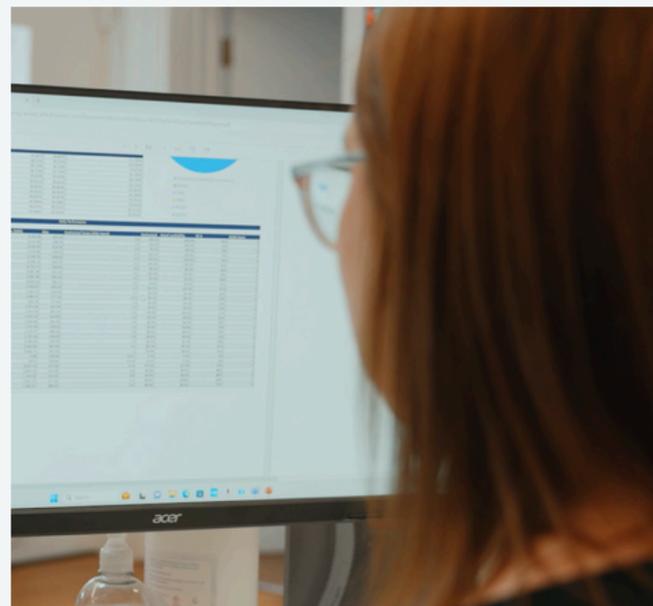
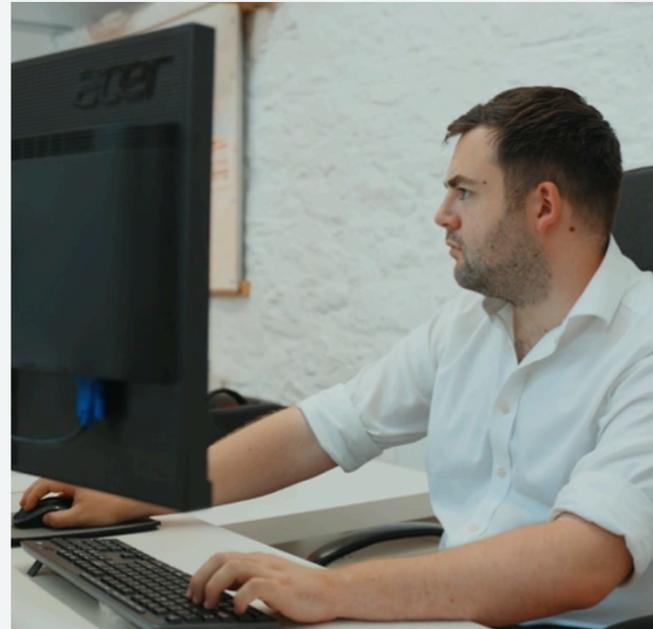


Site repowering service



- Offering 1-1 meetings about the project so both parties can understand the requirement of the repower.
- You will be assisted in OFGEM and capacity agreements to ensure everything is aligned with your previous agreement.
- Your sites data will be analysed to look at the options that we can take for example reduction in inverter banks to singular inverters on that table.
- Your component options will be discussed and varied cost quotations will be obtained on your behalf to ensure that we are working within your budget.
- A contract will be created for throughout the works process and testing, including retention costs.
- You will be updated throughout the project to ensure that you are always aware of the progress.

How we work with you



- **Portfolio Manager** to ensure their assets are being managed to a high standard.
- **Reports from all works carried out** on their sites, as well as quotations and invoices for any additional works if necessary.
- **Monthly Performance Meeting** to discuss site performance, issues and outages. More meetings can always be requested.
- **Monthly reports** include any updates on work completed, CCTV or security issues and updates, as well as being a way for the portfolio manager to formalise a summary of site performance for the client.



Burwell BESS
Designed, constructed and
connected by Ethical Power in 2021.
It has since been maintained by
Ethical Power O&M team.

Performance Monitoring - Capabilities



We pride ourselves on our vast knowledge base of a variety of monitoring platforms and solutions that are designed to **support your renewable energy projects.**



Fully trained operatives, who are experts in remote intervention, fault diagnosis and rectification, covering 24/7, 365 days a year



Efficient alarm response to our custom central alert system across multiple platforms



Data-driven experience across a multitude of industry applications



Fully trained staff in industry-leading software packages



Bespoke in-house automation solutions



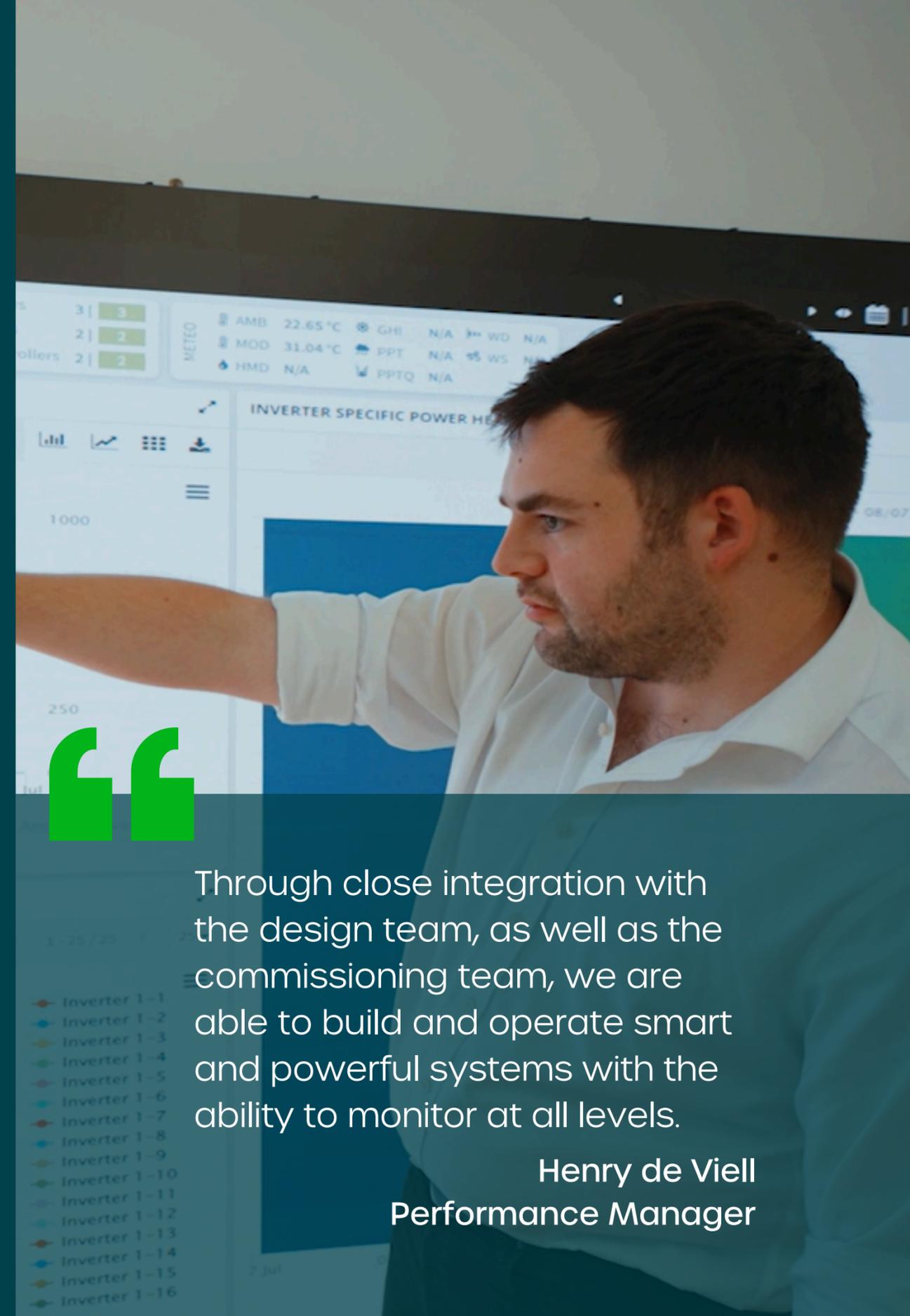
Macro & micro-level performance investigations & reporting

Performance Monitoring - Personnel

At the core of our Performance Monitoring and CCTV service, is our team. With experience from a variety of backgrounds alongside Ethical Power's industry-leading expertise, our Performance Monitoring team can provide an unrivalled level of coverage.

What our team has:

- Over 15 years of data analysis experience.
- Access to a wealth of experience across the renewable energy industry from a fully vertically integrated perspective.
- Skills in data integration, visualisation and reporting.
- The ability to tailor bespoke monitoring processes, and conduct high granularity investigations.
- Our monitoring team can monitor both PV plants, and battery storage plants.



Through close integration with the design team, as well as the commissioning team, we are able to build and operate smart and powerful systems with the ability to monitor at all levels.

Henry de Viell
Performance Manager

CCTV - Capabilities



Our CCTV Team utilises the latest technology and software packages from within our newly commissioned control room.



A variety of experience working with different technical solutions, allowing us to flexibly integrate with your current security solution.



State of the art technology including a video wall, dedicated secure server, multiple specialist monitoring stations amongst a host of other cutting-edge solutions.



Our close knit team comes from a variety of international security backgrounds, with over 40 years of security industry experience.



The team are all SIA accredited and are constantly striving for improvements for your assets.



Our SSAIB certified, secure control room, which provides reassurance that your data and site is only viewed by those pass our rigorous clearance criteria.



Experience in monitoring of both private and public land means that we understand the importance of security and privacy.



CCTV - Personnel

We have handpicked individuals to prioritise a diverse range of security knowledge.

The team has:

- A wide variety of security knowledge, including the monitoring of public and commercial spaces across a variety of industries, both in the U.K. and internationally.
- All operatives are fully Security Industry Authority trained in CCTV Operation, ensuring the highest standard.
- All operatives have passed advanced background screening checks, giving you peace of mind that your private security data is in the best possible hands.



Verify at ssaib.org

Why Ethical Power?



Cost effective solution

Our CCTV and Performance Monitoring team offer a cost-effective solution for comprehensive 24/7 coverage for your assets. We strive for an increased response time, to reduce the downtime of any onsite assets.

In-house expertise

We have access to a breadth of knowledge throughout the Ethical Power Group, with 98% of our services in-house. This allows us to utilise this information to fault find, investigate, and optimise your generation.

Bespoke service packages

Our tailored packages allow you to provide a coverage that suits your needs, integrating into your existing solutions and providing the best outcome for your assets.

What our client say



“Any communication from the team is very professional and courteous. They answer all queries in a quick, clear and concise way, and provides us with the details we need to ensure we are informed.”

“A recent visit to site by our Technical Advisors noted that the site was in good condition and well looked after. Our advisors are very thorough, so to get that feedback gives us comfort that Ethical are really taking good care of our site.”

“The team has been excellent at communicating goings on at the site, are quick to respond and always happy to answer questions. They are very thorough in their work and always have, at hand, in-depth knowledge about what is going on at the site, demonstrating care for the work. It's been great working with them”

Talk to us



Sam Wookey

Head of

Operations and Maintenance

sam.wookey@ethical-power.com

07708 484 112



Ethical Power

Unit 9

Dunchideock Barton

Dunchideock

Exeter

EX2 9UA

enquiries@ethical-power.com