Energy
Networks
part of mitie
power & grid
Integrated O&M for
solar PV, BESS, EV and
HV/LV networks
Keeping critical energy assets live.
OPERATE | MAINTAIN | OPTIMISE

01 INTRODUCTION

We're not just a service, we're a strategic partner for **energy resilience**

Energy Networks is the operational component of Mitie Power & Grid's turnkey offer.

One integrated provider to keep energy networks safe, compliant, available and commercially robust over the long term.

Our O&M capabilities bring together deep electrical network competence, national field resource, 24/7 monitoring, structured contract management and specialist support across renewables and customer networks.

- Team with **over 100 years** of experience
- **500+ sites** nationwide
- **~3,500 HV assets** managed
- **>300 operatives** in the UK
- **600MW / 186 sites** of renewables under management
- **<2hr response** time average

02 WHAT WE DO

OPERATE | MAINTAIN | OPTIMISE

A standardised and scalable O&M model for ground mount solar, rooftop solar, BESS, EVCI and HV/LV network environments.

TSOC

Account management
Portfolio oversight
QHSE PC & Reporting

Dedicated portfolio team
Strict SLAs & responses
ESG Reporting

WFMS

Asset performance
Realtime monitoring
Condition monitoring
Performance analysis
Predictive analytics
& guarantees

Contract management
Realtime reporting
OEM LTSA
Client dashboards
Review & optimisation
Stock/spares management

SCADA
DAS

OEM
BMS

Field Operations

HV/LV COMA / Reactive and remedial maintenance / PPM
Landscaping / 24-7 monitored security / Module cleaning
Asset replacement / Revamping / Repowering

We go beyond traditional O&M by combining specialist electrical network expertise with fully integrated asset management, compliance and maintenance solutions, delivered through Mitie's national scale, self-delivery capability and technology-enabled asset management systems.

GROUND MOUNT SOLAR PV

Grounds, landscaping & module cleaning

HV/MV & LV maintenance

Aerial module thermography

IV curve string testing

Security, CCTV maintenance

Drone surveys & condition reporting

Vegetation management

BESS BATTERIES

HVAC, fire systems and thermography

Capacity & round-trip efficiency checks

Grounds, planting maintenance

Security, CCTV maintenance

Thermal management inspections

OEM LTSA

Warranty management

HV COMA / O&M

COMA – control, competent operators

Control Engineers, HV SAPs >400kV

Network alterations, modifications

Power Plant Controllers for networks

Protection studies & testing

Transformer servicing

24/7 emergency control & escalation

ROOFTOP SOLAR PV

Module cleaning and bird proofing

WAH controls, inspections - SSOW

Provision of NICEIC QS's (LV)

Regular roof integrity surveys

DC testing & MC4 connection checks

Inverter checks, maintenance

Performance reporting

EVCI | CPO

Planned, preventative maintenance

Corrective/reactive maintenance

Remote monitoring & diagnostics

MiCharge - Managed solution

Chargepoint Management System

Maximise uptime, availability, utilisation & efficiency.

TSOC

Our 24/7 Technical Services Operations Centre (TSOC) provides real-time monitoring, analytics and remote diagnostics for renewable energy assets, identifying and resolving issues before they impact performance. By combining SCADA monitoring, automated fault alerts, client dashboards and expert operational support, we maximise generation, reduce downtime and protect asset revenue.

FIRE & SECURITY

Providing a fully integrated fire, security and compliance solutions for renewable energy estates, protecting people, assets and operations across solar PV and BESS portfolios. Combining NSI ARC Gold-accredited remote monitoring with advanced surveillance, cyber security, risk-led design, fire protection and seamless O&M integration, the service delivers 24/7 situational awareness, rapid incident response and lifecycle compliance support.

LANDSCAPES

Our landscaping and biodiversity service combines sustainable grounds maintenance, habitat creation and ecological compliance to maximise renewable asset performance while enhancing biodiversity. From vegetation management and habitat enhancement to Biodiversity Net Gain (BNG) delivery, protected species management and environmental reporting, we help asset owners meet regulatory obligations and create long-term environmental and community value.

CLEANING

Mitie's Solar Module Cleaning & Care service is a self-delivered, fully integrated solution that maximises solar PV generation, protects asset performance and extends asset life. Combining planned, reactive and condition-based cleaning with specialist access equipment and nationwide delivery, we help asset owners reduce soiling losses, optimise yield and lower whole-life costs as part of a full-wrap O&M service.

03 OUR CLIENTS

Power & grid deliver energy, **energy networks** delivers certainty

Energy networks supports clients in multiple sectors, including:

| Commercial & Industrial | Critical Environments | Education | Healthcare |
| Manufacturing | Retail | Central & Local Government | Utilities |

Resilient Energy Networks for Modern Healthcare

The team delivered critical electrical infrastructure upgrades across multiple NHS Trusts, installing 4.1MVA of transformer capacity, 1.2km of new HV cabling, substations and network upgrades to support hospital expansions, improve resilience and increase capacity. Working safely within live healthcare environments, the projects enhanced operational reliability, enabled low-carbon technologies and reduced carbon emissions by up to 60%.

Our experience spans long-term contracts for organisations including Amazon UK, Associated British Ports, Arla Foods, LEGOLAND® Windsor and Chester Zoo, providing planned preventative maintenance, remote monitoring, thermographic inspections, fault response, inverter replacements, performance optimisation and major corrective works. Operating across complex, access-restricted and critical infrastructure environments, we have built long-standing client relationships through consistent delivery, strong technical expertise, outstanding safe working practices and a proactive approach to asset management, compliance and operational excellence.

Proven Renewable O&M Expertise Across Complex, High-Profile Estates

Energy Networks

part of mitie

power & grid

Let's stay connected

Keeping your assets connected starts with a conversation, so get in touch.

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