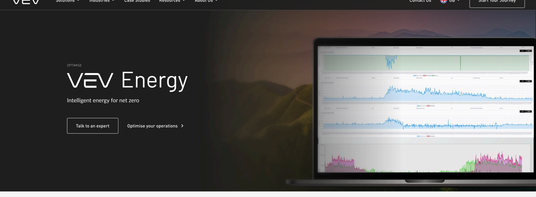


OPTIMISE

VEV Energy

Intelligent energy for net zero

Talk to an expert
Optimise your operations

Powering your future

As you electrify your fleet your energy usage will increase significantly.

Why VEV energy

Your power supply must evolve in step with your fleet transition, so electrification isn't delayed by a lack of energy capacity. VEV-IQ connects your energy strategy to your operational plans, ensuring the right power is available at the right time, every day.

01 Stay in control

Use detailed modelling to forecast future demand, explore grid limitations, and decide when to invest in upgrades or on-site generation, so your infrastructure grows in line with your fleet.

02 Supply

03 Generation

04 Optimisation

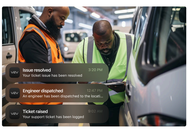
Unpacking variability

Moving from a fixed to a variable load brings new complexities to manage - businesses need to take a more sophisticated approach to procuring and managing their power. Our power expert, Andy Rees explains more in this video.

STRATEGY

Better together

Connect your fleet transition and energy strategy



Scenario Modelling
Forecast future energy demand through the transition and shape your power strategy for your fleet.

Resilient Energy Mix
Deploy a mix of energy assets to future proof your site including, renewable, grid, battery, supply and storage.

Right-sized Infrastructure
Model charging patterns and operations to install only what you need, when you need it.

Energy Procurement
We customise your power procurement strategy based on insights from VEV-IQ.

SUPPLY

Secure your grid supply

VEV-IQ allows you to get the right tariff aligned to your operations, energy strategy and risk appetite.

Tariffs Fit for Fleets
Access flexible or fixed tariffs that fit your operational priorities through our supply partners.

100% Renewable
Access renewable energy at competitive rates to deliver on your net zero commitments.

Grid Upgrade
Align upgrades alongside your fleet transition plan, minimising delays. As a certified ICP, VEV manages DNO engagement and directly deploys HV and LV infrastructure.

Market Participation
Participate in grid markets to unlock new revenue streams by flexibly managing demand.

Connecting fleets faster

More control and certainty over one of the most critical parts of fleet electrification: the grid connection.

Faster Delivery
As a NERS-accredited ICP, we can deliver the connectable elements of your connection, helping shorten lead times and keep your on track.

Lower Risk
By taking greater ownership of the connection process, we reduce dependency on single-route delivery models minimising risk overall.

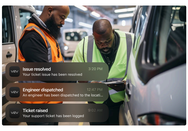
Quality and Compliance
Qualified to design and deliver electrical infrastructure safely, compliantly and to industry standard.

One Partner
We take responsibility from strategy through to energisation, reducing interfaces and delivering clearer ownership at every stage.

MICROGRID

On-Site energy generation and storage

Use on-sight generation and storage to increase resilience and control your cost



Take Control
Accelerate electrification without a grid upgrade by generating and storing energy locally.

Reduce Upfront Investment
Reduce your energy infrastructure investments with on-right generation.

Generate Revenue
Export excess solar energy back to the grid or participate in flexibility markets.

Energy Resilience
Use on-sight generation and storage to keep your fleet and operations running.

OPTIMISATION

Dynamic energy optimisation

Optimise supply and demand intelligently across your sites to deliver a range of strategies, from resilience to cost or carbon minimisation.

A single view, full control
Intelligently manage supply and demand, with insights into day-to-day energy operations and costs.

Maximise renewables
Manage microgrid energy to maximise renewable consumption and return on investment.

Reduce energy costs
Charge vehicles with on-site renewables, or when grid energy is cheapest.

Prioritise operations
Prioritise specific vehicles in advance or real time to change in line with operational needs.

Energy intelligence

VEV-IQ gives you full visibility and control, powered by intelligent automation.

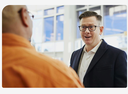
Cost optimisation
Energy use is automatically optimised across grid supply, on-site generation, storage and demand to minimise operating costs.

Renewable maximisation
On-site renewables and storage are intelligently managed to maximise low-carbon energy use and reduce reliance on the grid.

Operational resilience
Vehicles and power capacity are prioritised automatically based on operational requirements, ensuring readiness every day.

Total control
A single platform to monitor, control and automate vehicles, chargers and energy assets at site and fleet level.

Why VEV?



Expert advice
Our experienced team work closely with you in the vital planning stage to explore your requirements on range, power and charging. We only recommend a transition plan that's the right solution for your business.
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Informed by data
Our unique analytics platform VEV-IQ is specifically tailored to your fleet, giving real-time information streams from vehicles, chargers and energy assets. This data is transformed into actionable insights from day one, keeping your TCO on track.
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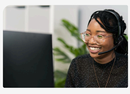

Ongoing support
We're in it for the long haul. Our dedicated team offer support once you're all set to go. We ensure your charging infrastructure is maintained and with regular data reviews, we ensure your fleet is always performing to its best potential.
Download PDF

START YOUR FLEET ELECTRIFICATION JOURNEY

Ready to Take the Next Step?

We make fleet electrification simple, providing clarity, guidance, and practical solutions so you can take confident steps toward a sustainable and cost-efficient future.

Talk to us today
Discover our solutions

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Vitol
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