

# Energy Audit Scope

Identify Inefficiencies – Reduce Energy Consumption – Lower  
Operational Costs – Improve Environmental Sustainability



ARO

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# Introduction

## When was the last time you carried out a review of your energy costs and consumption?

Having access to accurate energy insights enables inefficiencies to be identified and the implementation of targeted measures to reduce energy consumption and operational costs.

With the growing emphasis on environmental sustainability and regulatory compliance, conducting an energy audit is the first step towards reducing your company's carbon footprint. Having a carbon reduction strategy is critical to aligning with evolving energy efficiency standards, as well as fostering positive brand reputation and stakeholder confidence.

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ARO's award-winning Sustainability Division empowers businesses to navigate the complex landscape of achieving net-zero. From initial audits to automated carbon reporting and green energy sourcing, we guide you towards a sustainable future with expertise and innovation.



Our diverse clientele includes large SMEs and Industrial and Commercial enterprises.

Whether you're a growing small business or an industry leader, at ARO we have the expertise to tailor our solutions to your unique needs.





# Why undertake an energy audit?

Energy audits play a pivotal role in achieving corporate social responsibility objectives and regulatory compliance requirements.

However, it is not always easy to know exactly where to start and what should be prioritised, especially when you are looking to optimise costs and build a foundation for developing long-term sustainability initiatives.

ARO's Energy Audits help by pinpointing sources of energy waste and recommending tailored solutions for reducing consumption and carbon emissions. These solutions in turn, will enhance your financial resilience and competitive edge in an increasingly sustainability-focused marketplace.

Just our Bill Validation service has saved customers £5m+

We ensure accurate billing, minimising overcharges and optimising cost management

A food manufacturing customer saved over £12,500 just by optimising energy usage (kVA)

Opportunity to reduce invoice costs immediately by optimising energy usage.

Energy market prices review

Understand how prices have changed since you signed your last gas and/or power contracts and their impact on your operations.

Reduce CO<sub>2</sub> generation

We conduct a comprehensive assessment of your energy use and emissions, identifying areas for improvement.



# Your Free Energy Audit in 7 Steps

## 2 Bill Validation

We meticulously review your utility bills and compare them against actual energy consumption and contractual agreements.

- ✓ Safeguard you against financial losses resulting from billing inaccuracies
- ✓ Valuable insights into energy usage patterns and billing trends.

## 4 Day/Night Tariff Review

By analysing the tariff rates for different times of the day, you can shift energy-intensive activities to off-peak hours when electricity rates are lower.

- ✓ Strategic adjustment that can lead to significant cost savings
- ✓ Reduces peak demand charges and overall electricity expenses

## 6 Offset Opportunities

We can help to enhance sustainability efforts by compensating for unavoidable emissions through investments in carbon offset projects.

## Starting Point

## 1 Desktop Energy Audit

Including a preliminary assessment of your energy usage and potential savings without the need for extensive on-site inspections or intrusive data collection processes.

- ✓ Quickly gain insights into the energy consumption patterns
- ✓ Opportunity to prioritise actions
- ✓ Develop targeted strategies for energy optimization

## 3 Optimising your capacity (kVA)

We ensure that your electrical infrastructure is appropriately sized and optimised for the actual requirements.

By assessing the ratio of apparent power (kVA) to real power (kW), organisations can identify any inefficiencies or mismatches between the installed capacity and actual usage and adjust it accordingly.

## 5 Carbon Generation

Gain insight into your carbon footprint and identify opportunities to reduce greenhouse gas emissions.

## 7 Energy Market Review

- ✓ Insights and knowledge to strategically plan and negotiate energy contracts
- ✓ Minimize costs and mitigate financial risks that can enable your company to lock in favorable rates
- ✓ Hedge against potential price increases
- ✓ Optimize contract terms to align with budgetary constraints and risk tolerance

## Energy Review Completed

# Sustainability. Only Better.

At ARO we know that a thorough energy audit is the starting point in driving significant cost savings through the adoption of energy efficiency measures.

By embracing these combined practices, your business could improve its bottom line and competitiveness too, while aligning with sustainability goals and changing consumer preferences.

Whether you are on a determined mission to reach Net-Zero targets, or you are simply looking to optimize your consumption, this energy audit will give you the opportunity to unlock the full potential of your energy infrastructure while minimizing waste and expenses.

## Next Steps

Our aim is to provide you with the insights and support needed to optimise your energy consumption and reduce your carbon footprint.

Sign up for our complimentary energy audit service today and embark on a journey towards greater efficiency, cost savings, and environmental responsibility.

## Requirements to complete the energy audit

- ✓ **Invoices spanning at least 12 months**
- ✓ **Current contract (Power & Gas) Start and End Date**

Please share these details with your Account Manager or [get in touch](#) and we will arrange for a review to be available to you within 10 business days.



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