



MASTERKANOPY

ENERGY EFFICIENCY AND OPERATIONAL AUDITS

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OVERVIEW

Energy efficiency and operational audits give your organisation a clear, evidence-based view of where energy, water, and process inputs are being lost to inefficiency. Our consultants combine on-site technical assessments with utility, equipment, and production data to map consumption against actual output across your facilities. Alongside the technical review, we assess the behaviours and culture driving day-to-day energy use, since equipment performance alone rarely explains the full gap. Together, these findings translate into a prioritised improvement plan ranked by savings potential, payback period, and ease of implementation, giving leadership a clear evidence base to invest with confidence.

HOW IT BENEFITS YOU

- **Provides full visibility** into technical and behavioural losses
- **A prioritised, ranked action plan** helps you achieve your efficiency goals systematically
- A baseline data helps you **track your performance** and take decisions accordingly
- Provides your company with a **stronger case for investment**

SERVICE PROCEDURE

1. SCOPING & DATA REVIEW

- Review utility bills, meter data, and equipment records across the site.
- Agree audit scope, boundaries, and priority areas with your team.
- Identify key stakeholders across operations and the workforce.
- Set baseline energy and cost benchmarks for comparison.

2. ON-SITE ASSESSMENT

- Walk through facilities to inspect equipment, systems, and controls.
- Measure energy, water, and material flows against operational output.
- Identify technical inefficiencies in equipment and maintenance practices.
- Benchmark performance against industry and regulatory standards.

3. BEHAVIOURAL REVIEW

- Observe day-to-day practices and decisions that shape energy use.
- Interview staff and management to surface cultural and process gaps.
- Assess how ownership and accountability influence daily performance.

4. FINDINGS & ROADMAP

- Consolidate technical and behavioural findings into one clear report.
- Prioritise interventions by savings potential, cost, and payback.
- Present a roadmap with practical support for implementation.

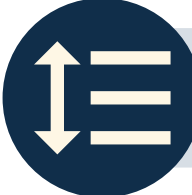
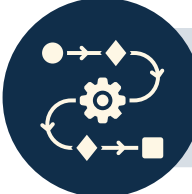
Note: This is a general representation of our process. Actual steps and sequencing may be adapted to suit your organisation's specific needs. The phases above are indicative of our typical approach and may be adjusted based on your company's size, complexity, and individual requirements.

TIMELINE: 3-4 WEEKS*

Stage/Phase	Time
Scoping	3 - 5 days
Site Audit	1 - 3 days
Technical & Behavioural Analysis	1 - 2 weeks
Reporting	5 - 7 days

*Timeline may vary based on company size, number of facilities, data availability or any other unforeseen circumstances

DELIVERABLES

-  Comprehensive audit report
-  Energy and cost baseline
-  Behavioural and cultural insights
-  Prioritised improvement roadmap
-  Implementation support plan

WHO THIS SERVICE IS FOR?

This service is for companies in the following sectors:

- Hospitality & Hotels
- Government & Public Sector
- Manufacturing
- Real Estate & Facilities Management
- Transport (Airports & Railway Stations)
- Education (schools/universities)
- Healthcare
- Retail
- Logistics & Warehousing
- Data Centres

OTHER SERVICES THAT MAY BENEFIT YOU

- ▲ **ENERGY AND ESG INTELLIGENCE DASHBOARDS**
Customised & built around your KPIs, turning data into decisions
- ▲ **BEHAVIOUR-LED EFFICIENCY PROGRAMS**
Up to 20% reduction through people-centric approaches
- ▲ **ENERGY AND SUSTAINABILITY POLICY**
Craft policies and frameworks that drive organisational change

THE MASTERKANOPY TEAM



RAHIL VERMA
FOUNDER AND CEO

Rahil is an Energy and Sustainability Consultant with international experience across four continents, specializing in energy efficiency and Net-Zero strategy **with a strong focus on behavior-driven performance**. He delivers measurable savings by pairing technical analysis with workforce engagement and organizational behavior insight.



JINAL ZAVERI
SUSTAINABILITY CONSULTANT

Jinal Zaveri is an award-winning sustainability consultant at Masterkanopy, based in Dubai, specializing in GHG accounting, UAE Climate Law compliance, and ESG reporting. She holds an MSc in Sustainability, Entrepreneurship and Design (First Class, Brunel University, UK) and previously worked as a Sustainability Officer at Aston Group in London, where she delivered a 33.29% reduction in emissions against a 20% target.

MASTERKANOPY

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