

Energy Audit Services Australia - Northmore Gordon

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Contact Us Get in touch with our team. Careers Join our team making a sustainability difference Articles Learn about energy efficiency & carbon reduction. Latest News Stay informed on industry developments. Government Updates Track policy changes impacting your energy use. Accreditations See our certifications for trusted service. Glossary Define key terms in emissions reduction. Energy Audit Services Get Started Save Money, Reduce Emissions with an Energy Audit Reduce Energy Use, Costs & Emissions Lower emissions Strengthen Energy Management Plan An energy audit are designed to provide enormous benefits. If you are determined to maximise energy and carbon performance in 2026, while minimising operational costs, then an energy audit underpins strategy, tactics, and investment decisions. Energy waste is invisible. The common expression 'out of sight, out of mind' means it's all too easy for those operating buildings and industrial facilities to go about business as usual unaware of needless energy wastage and excess carbon emissions. A formal energy audit will provide an energy breakdown for a whole site, which underpins identification of wastage and savings opportunities, which in turn informs strategic reduction management decisions. The outputs of an audit include technical descriptions of improvement opportunities, capital cost estimates, projected annual savings, cost-benefit analyses, greenhouse gas savings, tariff analysis, and other benefits. The depth, quality, and value of an audit are only as good as the people conducting it. The Northmore Gordon auditing team brings deep technical expertise and industry knowledge. Our energy experts and engineers are highly experienced in large-scale commercial and industrial operations and can provide the trained eye necessary to deliver an audit that not only upholds standards set out in AS/NZS 3598:2014, but leaves you with a solid list of improvement opportunities. For businesses aiming to meet their 2025-2030 sustainability targets, having a solid action plan is crucial. Whether you're on track or just starting, an energy audit in 2024-2025 is essential to reassess and optimize your strategies. Implementing energy efficiency measures directly reduces operating costs and lowers emissions. Yet it takes a trained eye and a thorough inspection to identify waste, inefficiency, and opportunities. This makes energy audits a fundamental part of any effective energy management plan. What can we help you with? Reduce energy costs Lower emissions Strengthen Energy Management Plan Choose the right type of energy audit Reduce energy costs We find that businesses that haven't conducted an energy audit in several years are likely spending 10-30% more on energy costs than necessary – check out our client Nomad Coffee completed a Type 2 Energy Audit that identified savings opportunities of 37% of energy and 32% of emissions . This could be from inefficient equipment, poorly sized or specified equipment, poor control strategies, operations and maintenance practices, or a combination of these. Technology is developing rapidly. Equipment that used to be efficient is now old or outdated, and modern plant control systems can better maintain efficiency at part loads. Plant services are a great place to look for these opportunities. For example, steam, compressed air, and chiller systems are commonly found to be running at low efficiencies. An energy audit provides performance benchmarking to evaluate their efficiency and determine steps for improvement. Maintenance practices have a big part to play. For instance, a cooling tower system might have degraded fill, fouling, or poor maintenance of the temperature or pump control systems. Operational procedures can be a cause of energy waste. For example, a facility with two boilers will operate more efficiently by running one boiler at 100% capacity with the other on standby than by having both boilers running at 50% capacity. Sometimes relatively simple behavioural adjustments can allow for load shifting that results in significant energy cost reductions. For example, it may be cost-effective to stagger turning on equipment to avoid significant spikes in energy demand.

Recognising and determining the impact of such adjustments requires a holistic understanding of the plant's mechanical equipment, operational procedures, and utility rate structure. The cheapest energy source is a facility's unused energy. Energy audits are a critical step to identifying the flow of energy through a business, highlighting energy-intensive users and areas of waste, providing advice on the best energy tariffs, and recommending strategies to reduce overall costs. Lower emissions Maximising energy efficiency is a cornerstone strategy for minimising your carbon footprint. When a facility improves efficiency, it lowers its Scope 1 emissions from onsite fuel combustion and Scope 2 emissions associated with purchased electricity. Strengthen Energy Management Plan Addressing energy efficiency is the best starting point for an energy management plan. It promotes measurable onsite improvement and reduces the scale for more costly decarbonisation pathways, such as electrification, fuel switching, or equipment replacement. Because of its direct effect on carbon emissions, energy efficiency measures should always be considered before purchasing carbon offsets. With energy efficiency optimised, a business has less need to purchase carbon offsets to address residual emissions. Ultimately, executing on energy efficiency recommendations from a formal energy audit demonstrates a strategic and thoughtful approach to energy management and decarbonisation. Choose the right type of energy audit We conduct energy audits in line with AS/NZS 3598:2014. The standard is outcomes focused and aims to provide energy users with actionable energy savings Electricity or gas savings or both. More measures. Refer to this Energy Audit Quick Reference Guide for more detail. What are the three types of energy audit? As per AS/NZS 3598 there are three types of audits: Type 1 is a basic energy audit, suitable for smaller sites with lower energy usage, or larger site as a preliminary assessment. It is based on readily available data, generally lower cost and often used as a pre-cursor to a Type 2 or 3 Audit or Energy Opportunity Assessment Type 2 is a detailed analysis of the energy performance of the site to quantify a range of opportunities. This includes a comprehensive review of equipment, systems, and operational performance. Type 3 is a precision subsystem audit (not whole of site) that analyses energy performance with a higher accuracy. This audit is often used to develop a firm business case for an upgrade. Read How Energy Audit Services Transform Businesses: Energy Audit Takes Nomad Coffee To Next Level Victorian Water Corporation Energy Audit Contact Form Please use this form if you're business is seeking energy audit services. Our team at Northmore Gordon is here to help you optimise your energy efficiency and reduce costs. Fill out the form below and we'll be in touch. First Name Last Name Email Address Phone Number Service Required Type 1 Energy Audit Type 2 Energy Audit Type 3 Energy Audit Other Message Send Assess your Business now with our Carbon Health Check! Do a quick carbon health check to assess how well your organisation is managing carbon. Time to complete the survey is approximately 5-10 minutes. Take The Quiz Last Updated: 08/21/26 Get in touch Australia 1300 854 561 (Advisory) 1300 878 500 (Certificates) Melbourne Suite 1, Level 4 607 Bourke Street Melbourne VIC 3000 Singapore +65 6690 2480 Singapore 1 Keong Saik Road, Singapore 089109 Stay up to date Alternatively, complete the form and we will be in touch with you. First Name Last Name Email Phone Number Country Australia Singapore Subject Message Send Services Energy Audit Services M&V; Services EEO Assessments Corporate Energy and Carbon Management Grants and Program Strategic Energy Sourcing Virtual Energy Manager Climate Active Certification Sectors Animal Processing Chemical Processing Commercial Buildings Food & Beverage Manufacturing Mining Oil & Gas Pharmaceutical & Health Products Public Sector Waste & Wastewater Wood, Paper & Cardboard Processing Upgrades Boiler Upgrades Commercial Lighting Hot Water Systems Mid Scale Solar NABERS Public Lighting Refrigerated Display Cabinets Solar PV Small Scale UPS Certificates Live Certificate Prices International Renewable Energy Certificates Tradable Instrument for Global Renewables Australian Carbon Credit Units Energy Savings Certificates Large-scale Generation Certificates Small-scale Technology Certificates Victorian Energy Efficiency Certificates Government Schemes Emissions Reduction Fund Energy Savings Scheme Renewable Energy Target Victorian Energy Upgrades Helpful Links About us Meet the Team Careers Contact us Articles News Glossary Privacy Policy Complaints