

Energy Audit Takes Nomad Coffee To Next Level - Northmore Gordon

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Certificates Our Environmental Attribute Certificate services help businesses accelerate technology adoption, improve project ROI, and manage claims of renewable energy, energy efficiency and carbon offset 1 carbon offset = 1 tonne of CO₂-e avoided or removed from the atmosphere. Avoided emissions covers activities that alter behaviour that would have otherwise caused emissions such as energy efficiency improvements or avoided deforestation. Removal covers activities that permanently remove CO₂ from the atmosphere such as new forestry plantations, soil carbon improvement or carbon capture and storage.

Live Certificate Prices The value of certificates change day-to-day, check today's prices Solar VEECs (VEU PBA) VEU PBA for Large-scale Solar Measurement & Verification (VEU & ESS) M&V; for Large C&I; Efficiency Projects (VEU PBA & ESS PIAM&V;) BESS Calculator Estimate the Peak Reduction Certificate revenue available to your NSW battery project in minutes ERF & Carbon Credit Registration ACCUs for Emission Reduction Projects Boiler Upgrades (VEU & ESS) NSW & VIC Boiler Rebates REC Registration (I-RECs & LGCs) Register renewable assets for I-RECs and LGCs Trade RECs & Carbon with us Trade Local & International Environmental Attribute Certificates moREnewable100 (RECs & Offsets) Reach Global Sustainability Goals with Certificates and Offsets Deemed Certificates (VEU & ESS) NSW & VIC Rebates Global Certificates Environmental Attribute Certificates Australian Programs Australian EAC Programs Case Studies Sectors Articles Team More Close More Open More Northmore Gordon Learn more about Northmore Gordon with the latest news and insights, were to find us, and the extensive terminology used in emissions reductions About Us Who we are & what we do in energy efficiency & decarbonization. Locations Find our offices near you. 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 Takes Nomad Coffee To Next Level Case Studies October 22, 2023 Huon Seymour "Working with Northmore Gordon was a pleasure during the process of the energy audit, the team were prompt, and thorough with their evaluation of our fairly complex worksite. The audit itself brought a number of very interesting insights, and the opportunities list is forming part of our long-term reduction strategy, and future products." Nick Percy Group Sustainability Manager Nomad Coffee The Client Nomad Coffee Group (Nomad) is a collective of coffee brands (including the Veneziano Coffee Roasters and Coffee Hit brands, and Black Bag Roasters, the private label roasting arm of the business) and people who believe great coffee can make a difference to the everyday and are a commercial scale roaster of coffee. Nomad have a strong focus on sustainability, being both Climate Active Climate Active is an accreditation program for Australian companies to certify their organisations, products, services, events, buildings or precincts as carbon neutral. The program is backed and administered by the Australian government. Companies have to measure their scope 1, 2 and material scope 3 emissions, reduce where possible and offset the remainder by purchasing and retiring offsets. Allowed offsets are LGCs for scope 2 and ACCUs, CERs, RMUs, VCUs or VERs for scope 1 or 3 emissions. Annual reporting is required and published on the Climate Active website. More Carbon Neutral The act of offsetting all scope 1, 2 and 3 emissions associated with a product or service. and B Corporation certified. To further their understanding of their energy consumption and emissions, and identify reduction opportunities, Nomad undertook an Energy Audit at their Richmond café and roastery. The Project Northmore Gordon completed the complete AS/NZS 3598 Type 2 Energy Audit, consisting of site energy use analysis (energy use baseline, breakdown and use patterns, tariff analysis, short term electrical metering, and metering recommendation), individual coffee roaster energy performance (energy use per unit of production) and opportunity identification (including savings, costs and funding availability). The energy audit was funded by the Australian Federal Government's Energy Efficient Communities program. Key Facts The audit identified savings opportunities of 37% of energy and 32% of emissions Implementation of priority and secondary opportunities will lead to: Energy Savings Electricity or gas savings or both. of 871 GJ A gigajoule (GJ) is the equivalent to 1 billion joules. A joule is a measure of the energy required to send an electrical current of one ampere through a resistance of one ohm for one second. One GJ is equal to 277.8 kilowatt hours (kWh), 1.055 million British thermal units (Btu) or 0.17 barrels of oil. p.a. (9%) Energy Cost savings of up to \$19,419 p.a. (8%) Scope 2 Greenhouse gas savings of 42 tCO₂-e p.a.

(10%) Notes Payback periods for the opportunities vary between 0.9 and 4.6 years. The site purchases renewable electricity, hence emissions reductions will come from reductions in natural gas. Challenges The site has no sub-metering, so breakdown of energy & emissions per area or major equipment can only be estimated. Identifying tangible energy and emissions improvement opportunities for industrial applications required specialist knowledge from Northmore Gordon Outcomes Improved awareness of where to focus their attention when reducing energy and emissions. Reduced maintenance by elimination of equipment operation when not required, or reducing equipment duty. A Melbourne-based specialty coffee collective, home to brands including Veneziano Coffee Roasters, operating a B-Corp-certified, state-of-the-art roasting facility. Industry Coffee Roasting & Supply Location Richmond, Australia Huon Seymour Senior Engineer Contact Huon > You may also like: Case Studies Turning a Regional Utility into an Active Energy Market Participant Case Studies Visy Gibson Island: 34,000 t CO₂e Cut a Year With Waste-to-Energy Case Studies MainStream Aquaculture: \$19K Grant funds a heat pump electrification project Case Studies Kalafatis Fresh Produce: \$283K in Solar Certificates Case Studies Poultry Client Set to Hit 2030 & 2050 Carbon Emissions Targets Case Studies Greenham: Moving Towards Decarbonisation 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