

# Brewing More Than Coffee. Energy Audit Takes Nomad Coffee To Next Level

## 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 Carbon Neutral 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.

Northmore Gordon is a leader in environmental certificate creation and trading. We have created the most certificates of all Accredited Persons under the Victorian Energy Upgrades program, an Accredited Certificate Provider in the NSW Energy Savings Scheme, and registered agent under the Federal Renewable Energy Target.

We've provided \$100m of financial incentives for energy efficiency and renewable energy projects at over 35,000 commercial, industrial and residential sites. This has saved our clients and partners gigawatt hours of energy, millions of dollars and reduced greenhouse gas emissions by over 5 million tonnes of CO<sub>2</sub>e.

## 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 of 871 GJ p.a. (9%)
  - Energy Cost savings of up to \$19,419 p.a. (8%)
  - Scope 2 Greenhouse gas savings of 42 tCO<sub>2</sub>-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.

“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. 🗨️”



Melbourne | Sydney | Newcastle | Singapore | Philippines

📞 1300 878 500  
✉️ sales@northmoregordon.com  
🌐 northmoregordon.com