



MANAGEMENT APPROACH

Energy



COMMITMENT

We are committed to continually improving energy efficiency across our operations.

GOAL

To identify opportunities to reduce our energy consumption and improve our energy efficiency.

NCIG has a proactive approach to energy management. Most of our energy usage occurs due to the electricity required to operate our critical infrastructure and assets. As such, our approach is strongly focused on identifying opportunities to reduce energy consumption and consequently improve energy efficiency. We are also committed to procuring renewable energy where feasible.

NCIG recognises the importance of maintaining a sustainable, innovative and resilient business model, and is committed to:

- setting and reviewing energy management objectives and targets
- striving for continual improvement in its energy performance
- providing the necessary information and resources to achieve our energy management objectives and targets
- meeting all legal and other legislative requirements relating to the business's energy use
- procurement and utilising energy efficient products and services, where feasible
- consider energy performance improvements in the design and modification of our facilities, equipment, systems and processes.

SYSTEMS AND PROGRAMS

Energy Management System

To improve the way in which we systematically manage energy, NCIG participated in the NSW Department of Planning, Industry and Environment's Business Energy Coaching Program in 2020. As part of the program, we received an Energy Coaching Grant that partially funded external independent consultants to help us define our energy management objectives and advise on the development of an Energy Management Strategy for our operation. This strategy was successfully developed and finalised in June 2021.



Energy Management Strategy

Our Energy Management Strategy (EnMS) provides the framework for us to manage, monitor and improve the way energy is consumed at our terminal. It is aligned with the principles of ISO 50001, NCIG's Sustainability Strategy and our related goals and targets. The EnMS provides a methodology to track performance and determine continuous improvement strategies. As part of the strategy development process, we completed energy audits to identify opportunities to reduce our energy consumption.

Additionally, we have established baseline energy performance metrics and have identified a variety of energy conservation measures (ECM's) which are routinely reviewed and, where proven feasible, implemented on site to reduce energy consumption and improve efficiency. Timeframes and the expected energy savings are also identified and documented.

10% certified green energy

In July 2020, NCIG committed to incorporating a minimum of 10% renewable energy sources into our electricity supply contract. We do this through GreenPower, an Australian government-managed voluntary accreditation program, and the most highly regarded standard for offsite renewables in Australia. GreenPower independently audits electricity providers to make sure the right amount of renewable energy is fed into the grid on its customers' behalf. GreenPower energy is derived from 100% renewable sources such as solar, wind, mini-hydro and bioenergy. Accredited energy generators create GreenPower Large Generation Certificates (LGCs), and each certificate represents one megawatt-hour of renewable electricity. The electricity we use is offset with LGCs from renewable electricity sources. By using GreenPower, we are supporting greater renewable energy generation in Australia and reducing our greenhouse gas emissions by displacing 10% of our annual electricity consumption with GreenPower. We are currently assessing the optimal approach to increase our renewable energy procurement into our supply contracts to achieve our Net Zero by 2030 commitment.

LED-lighting transition

As part of our energy management strategy, our Assets and Infrastructure team continuously looks at ways to maintain the standards we expect of our plant, while lowering our demand for electricity. One simple, but effective way to reduce power consumption is the use of efficient lighting fittings. During the commissioning and construction of our plant, standard sodium vapour bulb light fittings were installed across the site. Since 2020, we have been gradually swapping out the existing light fittings with LED fittings during routine maintenance activities. This has resulted in significant energy reductions associated with electricity consumed for lighting.

TRAINING AND COMMUNICATION

NCIG is committed to providing its workforce visibility of onsite energy use and energy efficiency to engage our people in our energy management practices and to provide site engineers with a platform to continually understand and optimise operations with regard to energy.

MANAGEMENT

Day-to-day energy management and performance is overseen by NCIG's Health, Safety, Environment and Community (HSEC) team and our Assets and Infrastructure team. We have also established an Energy Working Group, whose core role is to review the effectiveness of our Energy Management Strategy, facilitate the implementation of energy conservation measures across the operation and monitor the progress of projects over time. Performance and progress against our energy goal and emissions reduction targets is overseen by our Executive Leadership Team and by the NCIG Board.

MEASURING OUR PROGRESS

We measure our progress by monitoring and reporting our energy performance statistics through our monthly business scorecard, which is overseen by the Executive Leadership Team. The scorecard tracks total plant electricity consumption normalised per tonne of throughput (kWh/t).

REPORTING

We report our performance and progress regarding energy in our annual Sustainability Report, which are available on our website. We also report annually under the Australian Government's National Greenhouse Gas and Energy Reporting Scheme (NGERS). Our annual NGER's Report is reviewed and authorised by NCIG's Chief Executive Officer. Reports submitted under the NGER Act are reviewed and assessed by the Clean Energy Regulator for potential non-compliance with legislative obligations.