

## Solar Energy South Africa

# New Zealand seeo2 energy



## Overview

---

Who is seeo2 energy?

SeeO2 Energy Inc. is a company focused on efficiently converting carbon dioxide (CO<sub>2</sub>) into marketable and clean value-added fuels and chemicals using reversible fuel-cell technology. SeeO2 Energy helps you turn GHG emissions into assets.

How does New Zealand meet its energy needs?

New Zealand relies on a combination of domestically produced and imported fuels to meet its energy needs. A common metric used internationally to measure this is a self-sufficiency indicator, which shows how well we can meet our own energy supply needs through domestic production.

When will the New Zealand energy strategy be published?

We will be updating this page over the course of the year. The strategy will be published by the end of 2024. The Government is developing the New Zealand Energy Strategy to support the transition to a low emissions economy, address strategic challenges in the energy sector, and signal pathways away from fossil fuels.

What is New Zealand's energy self-sufficiency?

In 2023, national self-sufficiency remained unchanged in at 73 per cent. Key contributors to New Zealand's energy self-sufficiency are coal and oil — Self-sufficiency: The ability of a country to meet its own energy supply needs through domestic production.

What is a total primary energy supply in New Zealand?

Total primary energy supply: The total amount of energy available for use in New Zealand, accounting for domestic production and trade. Total final consumption: Energy consumed by end-users such as factories and businesses. The share of renewables in total primary energy supply fell

slightly, down 0.7 percentage points to 42.8 per cent.

What happened to New Zealand's gas reserves in 2024?

As at January 1st 2024, New Zealand's gas reserves dropped 20 per cent (335 PJ) to 1,300 PJ. Of this decrease: 44 per cent (147 PJ) was due to gas extraction and use in the 2023 calendar year. 30 per cent (100 PJ) was due to reserves downgraded to contingent resources<sup>3</sup>.

## New Zealand seeo2 energy

---

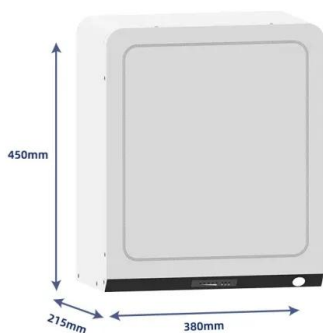


### Energy Efficiency Jobs in New Zealand, Job Vacancies

Find your ideal job at SEEK with 183 Energy Efficiency jobs found in New Zealand. View all our Energy Efficiency vacancies now with new jobs added daily! Jobs on SEEK - New Zealand's no. 1 Employment, Career and Recruitment site

### #SET100 at WEC24 - Road to Abu Dhabi Interview: ...

As part of the SET Award 2019, the top 100-ranked start-ups who applied for the SET Award were rewarded the opportunity to participate and showcase as part of the Innovation Hub at the 24 th World Energy Congress ...



### [Kevin McGuinness](#)

SeeO2 Energy Solutions; Our Team; Key Partners; News and Achievements; Gallery; Contact; Search; Search Submit. Kevin McGuinness Home » Technical Team » Kevin McGuinness. Research Scientist. Kevin graduated from Dalhousie University in 2021 with a BSc in Chemistry, minors in Computer Science and Mathematics, and a Certificate in Data

### [Viola Birss, PhD.](#)

Tier 1 CRC (Fuel Cells and Related Clean Energy Systems) Director, CAESR-Tech (Calgary)

Advanced Energy Storage and Conversion Research Technologies) Dr. Birss is a Professor of Chemistry and has been a Tier I Canada Research Chair in Fuel Cells and Related Energy Systems at the University of Calgary since 2004.



## Energy in New Zealand 2023 shows renewable electricity ...

Released today, Energy in New Zealand 2023 is MBIE's annual round-up of the energy sector, highlighting key trends in energy supply, transformation and demand for the 2022 calendar year. "High rainfall topped up New Zealand's hydro lakes over the winter months, making hydro a major contributor to renewable generation. Hydro generation was

### [New Zealand: Energy Country Profile](#)

New Zealand: Energy intensity: how much energy does it use per unit of GDP? Click to open interactive version. Energy is a large contributor to CO<sub>2</sub> - the burning of fossil fuels accounts for around three-quarters of global greenhouse ...



## SeeO2 Energy Stock Price, Funding, Valuation, Revenue

SeeO2 Energy's latest funding round was a Incubator/Accelerator - II for on March 17, 2022. Date. Round. Amount. Investors. Valuation. 498 Seventh Avenue 12th floor New York, NY 10018 info@cbinsights 212 292 3148. Follow Us On Social. About. About Us; Upcoming Webinars;

Contact Us; How We Help.



## New Energy

Your trusted renewable energy partner. As New Zealand's leading construction provider of high-quality, large-scale renewable energy generation, we partner with similar-minded companies to bring innovation and efficiency to the renewable energy sector. Our vision goes beyond conventional boundaries in pursuit of solutions that redefine



## New Zealand progressing at pace towards a highly ...

New Zealand is transitioning to a highly renewable electricity system. This change will require increased and accelerated investment in new electricity generation to match demand growth and the retirement of thermal ...

## [SeeO2 Energy Inc.](#)

SeeO2 Energy Inc. , 1,460 followers on LinkedIn. Fuels and chemicals from CO2 , SeeO2 Energy Inc. vision is to efficiently convert captured CO2 and/or water to fuels and chemicals using reversible solid oxide fuel cell technology. We provide our customers in the chemicals, metal processing, polymers, and utilities industries with a reliable, onsite and cost competitive ...





## #SET100 at WEC24 - Road to Abu Dhabi Interview: SeeO2 Energy

As part of the SET Award 2019, the top 100-ranked start-ups who applied for the SET Award were rewarded the opportunity to participate and showcase as part of the Innovation Hub at the 24 th World Energy Congress (WEC24) 2019 in Abu Dhabi. Sponsored by the Dubai Electricity and Water Authority, this incredible opportunity includes travel and accommodation ...

## Symmetrical fuel-cell design simplifies CO2 conversion A

new carbon-uti-lization technol-ogy developed by SeeO2 Energy Inc. (Calgary, Alta., Can-ada; com) takes advantage of thermodynamics in a high-temperature electrolyzer to efficiently convert car-bon dioxide into CO and O2 with 100% selectivity. Based on the principle of a reversible solid-oxide fuel cell, the



## New Zealand Energy Corp , Strategic Player in the Future of New Zealand

New Zealand Energy Corp is an onshore producing oil and gas company with substantial permitted acreage for new oil and gas production opportunities in New Zealand's only producing sedimentary basin, the Taranaki. With a 50% ownership stake in the Waihapa production station, NZ Energy Corp can quickly tie in any near-term production and sell

## SeeO2 Energy

Who is SeeO2 Energy. SeeO2 Energy Inc. is a clean-tech company formed in 2018 focused on efficiently converting carbon dioxide (CO<sub>2</sub>) into marketable and clean value-added fuels and chemicals using reversible fuel-cell technology. The platform technology was originally developed in the research laboratories of Professor Viola Birss by Dr. Paul Addo and Dr. Beatriz Molero ...



## [Mykhailo Pidburtnyi](#)

Mr. Pidburtnyi believes that new technologies not only make life more comfortable, but are also essential for making humanity progress with minimal environmental impact. Mr. Pidburtnyi received his Master's degree in 2016 at Igor Sikorsky Kyiv Polytechnic Institute, Ukraine with specialization in Chemical Technology and Engineering.

## Investors

New Zealand Energy Corp is an onshore producing oil and gas company with substantial permitted acreage for new oil and gas production opportunities in New Zealand's only producing sedimentary basin, the Taranaki. With a 50% ownership stake in the Waihapa production station, NZ Energy Corp can quickly tie in any near-term production and sell



## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://ian-solar.co.za>