

## Solar Energy South Africa

# Indonesia sae renewables



## Overview

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Will Indonesia see a boom in renewables?

Indonesia has not yet seen a boom in renewables, resulting in fossil fuels meeting its electricity demand growth. The National Energy Policy (NEP) 2014 set a target of 23% of renewables in the energy mix by 2025, however, this target is likely to be reduced to between 17-19% in the revised NEP currently being developed.

Does Indonesia need more solar energy?

Renewable energy in Indonesia has stagnated for the past seven years. In 2023, it attracted a mere US\$ .5 billion, lagging far behind its Southeast Asian neighbors. Indonesia needs to attract US\$146 billion in near-term renewable energy investment to meet the country's 2030 climate target. Current policies and onerous contractual requirements towards solar.

Should Indonesia invest in renewables in 2025?

The overall conclusion is that, from a system integration perspective, Indonesia can aim for higher shares of renewables than those listed in the current plans for 2025 and beyond, especially when considering a mix of variable renewables and other dispatchable technologies.

Does Indonesia have a power sector boom?

Coal use in the electricity sector in the past ten years has nearly doubled, contributing to a sharp rise in overall power sector emissions, totalling 86 million tonnes of CO<sub>2</sub> (MtCO<sub>2</sub>) from 2013 to 2023, mainly from coal. Indonesia has not yet seen a boom in renewables, resulting in fossil fuels meeting its electricity demand growth.

Is solar PV a viable alternative to fossil fuels in Indonesia?

On the cost side, the picture is more nuanced. Solar PV brings fuel savings from both fossil fuels (5.5-7%) and biomass (which comes at a premium) but

the current regulations in Indonesia do not allow solar PV to compete in the short term when considering the total system cost. However, the authorities have options.

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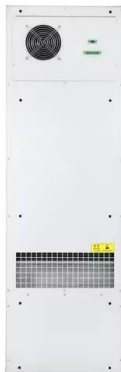


### Strategic Partnership Agreement with Hyundai

12 May 2017 Atlantis Resources Limited ("Atlantis" or the "Company") Strategic Partnership Agreement with Hyundai Atlantis, a global leader in the tidal power generation sector, announces that it has signed a Strategic Partnership Agreement ("SPA") with South Korean offshore construction giant Hyundai Engineering & Construction Co., Ltd ("Hyundai") regarding ...

### Proteus Marine Renewables

PLN Indonesia Power Delegation Explores MeyGen Tidal Energy site! Recently, Proteus Marine Renewables, together with SAE, had the pleasure of hosting a delegation from PT PLN Indonesia Power (PLN IP) and the Indonesian Maritime Ministry at SAE's MeyGen Tidal Energy Facility in Scotland. Fraser Johnson from SAE led the tour, showcasing the MeyGen operations facility at ...



### Battery Storage Projects

SAE projects will earn the majority of revenues from trading electricity, buying cheaply during periods of over-supply and selling at higher prices when the converse is true, and the balance of revenues from the Capacity Market and Ancillary Services.

## SAE RENEWABLES LTD overview

People for SAE RENEWABLES LTD (SC703905)  
 More for SAE RENEWABLES LTD (SC703905)  
 Registered office address 6 Dickson Way, Irvine, Ayrshire, Scotland, KA12 9JD . Company status Active Company type Private limited Company Incorporated on 12 July 2021. Accounts. Next accounts made



## Indonesia's National Advisory Group on 100%RE project tackles ...

Andriah Feby Misna, the Director General of Renewable Energy and Energy Conservation at the Ministry of Energy and Mineral Resources (MEMR), stated this important energy transition reminder during the third National Advisory Group (NAG) Meeting for the 100% Renewable Energy (RE) project held on September 3, 2024, in Jakarta, Indonesia.

## Indonesia's expansion of clean power can spur growth ...

Evidence suggests that Indonesia's energy transition should be well under way. The government has set a target to support renewable energy development in the New Energy and Renewable Energy Bill through ...



## Agreement to develop 150MW of tidal energy in Indonesia with ...

The Mey BESS project will see a 1200 MWh Battery Storage project delivered at a critical site for renewable energy projects. With huge

expansion planned for onshore and offshore wind and our own tidal stream project, it is a perfect location for a battery storage project.



## Executive summary - Enhancing Indonesia's Power

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The role that increased interconnection among Indonesia's main islands could play in the long term is addressed in IEA's upcoming Energy Sector Roadmap to Net Zero Emissions in Indonesia. A key barrier to accommodating variable ...



## About Us

We are SAE. Our aim is to be a leader in the creation and operation of new, sustainable energy projects for the benefit of our planet. We are passionate about what we do and use that passion to drive forward our projects, delivering for our shareholders, stakeholders and communities.

## AIM Rule 26

The securities of SAE are traded on the AIM market operated by the London Stock Exchange plc and its shares have not been admitted, nor have any applications been made, for any of its shares to be admitted or traded on any other exchanges or trading platforms. There are no restrictions on the transfer of shares in SAE.

Applicable Takeover Code



## Latest News

As a developer of renewable energy projects, sustainability lies at the heart of the business. Across the Company's diversified portfolio of sustainable assets, the Group's employees have a passion for creating sustainable energy solutions and minimising their impact on the environment.

## 100% Renewables Roadmap for West Nusa Tenggara, Indonesia ...

The Province of West Nusa Tenggara, along with ICLEI Southeast Asia and ICLEI Indonesia, developed the Province's 100% Renewables Roadmap. West Nusa Tenggara prioritized socio-economic development, and its vision for 100% renewable energy includes a greener industry and power system. It aims to inte



## Tidal power developers bet on sea change in Indonesia renewables ...

Indonesia wants renewable energy to make up around a quarter of its total by 2025 from around 5 percent now, though critics have questioned its

seriousness in meeting its climate goals, and its



## Contact Us

SAE has been at the forefront of developing new and exciting energy projects for many years and have a team of world leading experts in alternative and sustainable energy solutions. For further information on us, our projects or our views on the industry and our decarbonisation journey (including images and interview requests) please contact



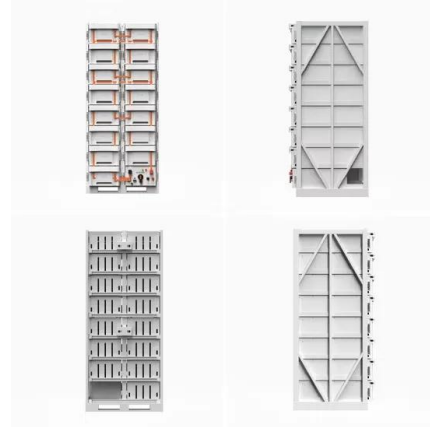
## [Major milestone reached in BESS project](#)

SAE Renewables is a global developer, owner and operator of sustainable energy projects. SAE owns the world's flagship tidal stream project, MeyGen. SAE is also the owner of the Uskmouth Power Station site that is being repurposed into a sustainable energy park, initially housing one of the UK's largest battery energy storage projects.

## Home

SSEK is one of Indonesia's leading law firms for oil, gas and renewables. Its energy practice has 30 lawyers, including five partners and foreign legal advisers. SSEK has been a leading firm in Indonesia both for upstream and downstream projects and transactions in the country's oil and gas sector since the firm's founding more than

30 years ago.



### Interim results

SAE Renewables is a global developer, owner and operator of sustainable energy projects and as a result is proud to have received the London Stock Exchange's Green Economy Mark. SAE owns the world's flagship tidal stream project, MeyGen. SAE is also the owner of the Uskmouth Power Station site that is being repurposed into a sustainable energy

## Contact Us

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