

# **Indonesia s energy storage export requirements**





## Overview

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Is energy storage developing in Indonesia?

IESR has issued a report for the first time assessing the development of energy storage in Indonesia in *Powering the Future: An Assessment of Energy Storage Solutions and The Applications for Indonesia*.

Are there financial incentives for energy storage in Indonesia?

There are currently no specific financial or regulatory incentives available in Indonesia to promote the storage of renewable energy. 5.3 What are the main sources of financing for the development of energy storage projects in your jurisdiction?

Please refer to question 3.3 above. 6.

Who regulates the energy sector in Indonesia?

Ministerial Regulation No. 6/2020. Jakarta. The agency principally responsible for governing the Indonesian energy sector is the Ministry of Energy and Mineral Resources (MEMR). MEMR comprises directorate generals focusing on oil and gas, minerals and coal, electricity, and new and renewable energies and energy conservation.

Why do Indonesian batteries need a battery energy storage system?

Batteries are required to provide constant electricity supply to renewable energy plants, which are primarily intermittent, such as solar and wind power plants. The agreement was made with other state-owned bodies, such as the Indonesian Battery Corporation, to build the Battery Energy Storage System by 2022.

What is the minimum battery production capacity in Indonesia?

minimum battery production capacity of approximately 36.8 GWh to meet its EV targets. Currently, the country has only 10 GWh of NMC battery cell



capacity (from PT HLI Green Power) and 100 MWh of LFP battery cells (from PT Gotion Green Energy Solutions Indone.

How much energy does Indonesia use?

60 million TOE, equivalent to 36.74% of the country's final energy consumption. LinkDecree of the Minister of Energy and Mineral Resources of the Republic of Indonesia Number 24.K/TL.01/MEM.L/2025. LinkGovernment of Indo



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### Three pillars of Indonesia's low-carbon hydrogen strategy

Indonesia's low-carbon hydrogen strategy focuses on energy sovereignty, developing a domestic hydrogen market, and positioning the ...

### Renewable Energy Laws and Regulations Report 2025 Indonesia

There are currently no specific regulations in Indonesia governing the storage of renewable energy. However, recent renewable energy tenders for intermittent REPPs ...



### [Key Facts about Indonesia's Energy Storage System](#)

Indonesia has recently launched a 5 megawatt Battery Energy Storage System (BESS). The new energy storage system is a device that enables energy from renewables to ...

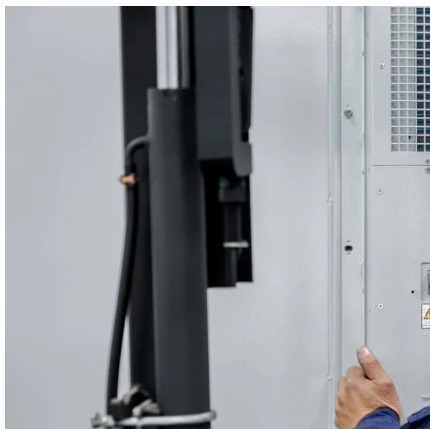
### [Indonesia to exempt oil and gas sector from new FX ...](#)

Indonesia will exempt oil and gas exporters from its new rule that all proceeds from natural resource exports be kept onshore for a year, as ...



## Energy Overview

Indonesia, the world's largest exporter of thermal coal, plays a pivotal role in the global energy market--shipping a record 405 million metric tons in 2024. Palm oil, another major export at ...



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## Energy Resource Guide

Indonesia - Oil & Gas Take advantage of our market research to plan your expansion into the Indonesian oil & gas market. This guide includes ...







## [Captive coal expansion plan could undermine ...](#)

Indonesia's latest national electricity master plan (RUKN 2024 - 2060) to expand captive coal capacity and increase coal generation could ...

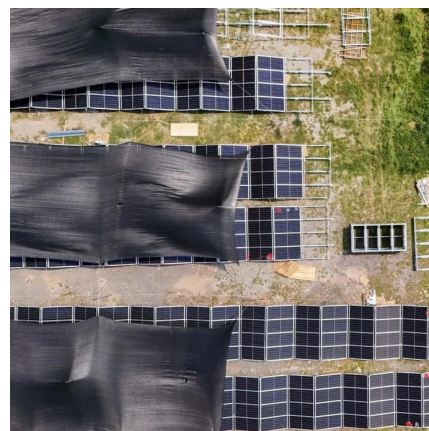


## [Oil & Gas Laws And Regulations Indonesia 2023](#)

1.2 To what extent are your jurisdiction's energy requirements met using natural gas (including LNG)? In 2021, natural gas satisfied roughly 20.09% of Indonesia's total energy ...

## **Indonesia's plan to export solar power to S'pore spurs investment ...**

The 8,000 sq m Batam plant, which employs 100 workers, is one of the bright spots in Indonesia's green energy market, with the industry seeing fast expansion despite the ...



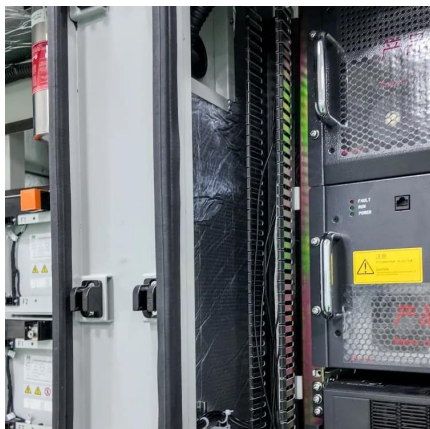
## **Mapping Growth Opportunities for Solar Energy and Energy Storage ...**

IESR has issued a report for the first time assessing the development of energy storage in Indonesia in *Powering the Future: An Assessment of Energy Storage Solutions and ...*



## Let's Get (Somewhat) Technical

Non-Export Storage DER that is sized, designed, and operated using any of the [acceptable export control methods approved by the PUC], such that the output is used for Host Load only ...



## Renewable Energy 2024

Additionally, several implementing regulations are anticipated to support renewable energy, such as implementing regulations on energy ...

## Indonesia Critical Minerals: Hilirisasi to Industrialization

Explore how Indonesia leverages downstreaming (hilirisasi) and industrialization to boost critical minerals value and global competitiveness.



## INDONESIA ENERGY SECTOR ASSESSMENT, ...

This energy sector assessment, strategy, and road map (ASR) updates the state of the energy sector in the Republic of Indonesia since the 2016 publication of Indonesia Energy Sector ...



## Indonesia Energy Storage Market (2025-2031) , Companies & Value

Historical Data and Forecast of Indonesia Energy Storage Market Revenues & Volume By Industrial for the Period 2021- 2031 Indonesia Energy Storage Import Export Trade Statistics ...



### [Advancing Renewable Energy in Indonesia: A ...](#)

Indonesia's commitment to the early retirement of coal-fired power plants (CFPPs) underscores the urgent need to transition to renewable energy ...

### [Carbon Capture, Utilisation and Storage in Indonesia](#)

In March 2023, the Indonesian Ministry of Energy and Mineral Resources (MEMR) finalised Ministerial Regulation MEMR 2/2023, establishing the first CCUS regulatory framework within ...



### [Indonesia Renewable Energy Laws and Regulations 2022](#)

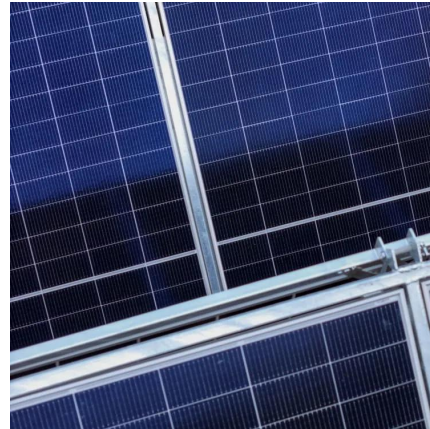
5.1 What is the legal and regulatory framework which applies to energy storage and specifically the storage of renewable energy? There are currently no specific regulations in ...





## Indonesia s requirements for photovoltaic energy storage

The estimation of Indonesia's maximum energy requirements in this paper assumes growth in electricity demand by a factor of 30. Indonesia has vast solar energy potential, far more than ...

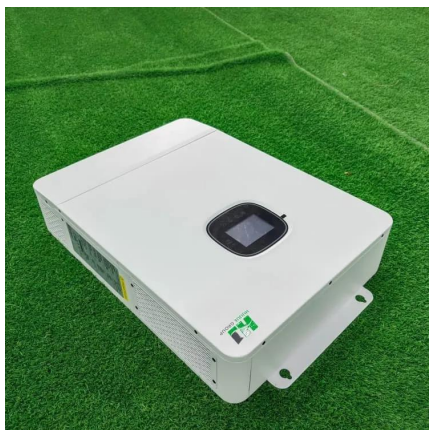


## [Mapping Growth Opportunities for Solar Energy and ...](#)

IESR has issued a report for the first time assessing the development of energy storage in Indonesia in Powering the Future: An ...

## Optimal energy storage configuration to support 100 % renewable ...

This study presents a renewable energy (RE) optimization study to model the pathway to achieve 100 % carbon abatement, focussing on options for storage, using ...



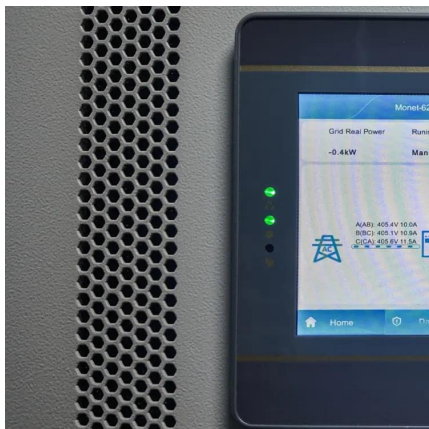
## Renewable Energy 2024

Following the execution of a Memorandum of Understanding between the Indonesian and Singapore governments for the proposed export of 3.2 GW of clean energy ...



## Indonesia's Solar Power Export Plan to Singapore ...

A significant step in Indonesia's renewable energy ambitions took shape with the launch of a new manufacturing plant in Batam, specializing in ...



## **Policy Brief Accelerating Battery Supply Chain for RE and EV**

Brief Summary Batteries are central for Indonesia's 2060 Net Zero Emissions target. They serve as the critical link that enables the ele.

## **Renewable Energy 2024**

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## **Optimal energy storage configuration to support 100 % renewable energy**

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## MEMR Regulation No. 2/2024 Limits Public Participation to

Jakarta, February 23, 2024 - The Indonesian government has officially issued Minister of Energy and Mineral Resources (MEMR) Regulation No. 2 of 2024 concerning Rooftop Solar Power ...



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