

What is Jakarta's energy plan?

Developing renewable energy sources is a critical component of Jakarta's energy plan. The city is focusing on solar energy, WtE conversion and emerging technologies, such as wind power and hydrogen-based electricity generation.

What kind of energy does Jakarta use?

Jakarta's energy system relies heavily on fossil fuels, in particular natural gas (49%), crude oil (28%) and coal (19%). Most electricity is generated from coal-fired power plants, while gasoline and diesel are the main fuels for private vehicles and motorcycles.

Will Indonesia's energy policy change?

It is estimated that, without significant reforms in Indonesia's energy policy, emissions from the energy sector will continue to rise (MEF, 2021, MEF, 2022; IEA, 2022). Indonesia's energy policy is regulated by legally and non-legally binding frameworks.

How can the city of Jakarta save energy?

For the City of Jakarta to save energy by improving energy efficiency beyond the current practices. As highlighted in the previous chapters of this report, several cost-effective energy efficiency measures can be implemented in the residential, commercial, transport and industrial

The Energy Sector Jakarta's energy system relies heavily on fossil fuels, in particular natural gas (49%), crude oil (28%) and coal (19%). Most electricity is generated from coal-fired power ...

To achieve net zero by 2060, Indonesia needs a legally binding policy with clear strategies to address these challenges in the energy transition. This policy should include support for private ...

Jakarta, October 10, 2025 -- At the Indonesia International Sustainability Forum (ISF) 2025, a high-level panel on "Unleashing Green Electricity" laid out what it will take to turn abundant ...

In line with government objectives globally, Indonesia is working towards reshaping its energy policy.

President Prabowo Subianto aims for 100% of Indonesia's electricity to come from Renewable Energy Sources (RES). This target is expected to be achieved within 10 years or even ...

by Setyawati Fitriangraeni and Tiara Amanda Putri Overview The Government has issued Government Regulation (GR) No. 40 of 2025 as the latest strategic legal framework for the national ...

The energy policy of Indonesia has been inextricably linked to the quest of maximising economic growth. Understandably, the government had difficulty decoupling the economy from the cheapest form of ...

The unachieved target of economic indicators, energy provision and utilization The importance of aligning

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national energy policy with climate change policies The National energy policy ...

energy policies. In the NEXSTEP model for Jakarta, three main scenarios have been modelled - (a) business-as-usual (BAU) scenario, (b) current policy scenario (CP) scenario and (c) ...

The government should be more ambitious in transitioning energy by emphasizing renewable energy in the national energy mix. Spaces that still accommodate fossil energy or new ...

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