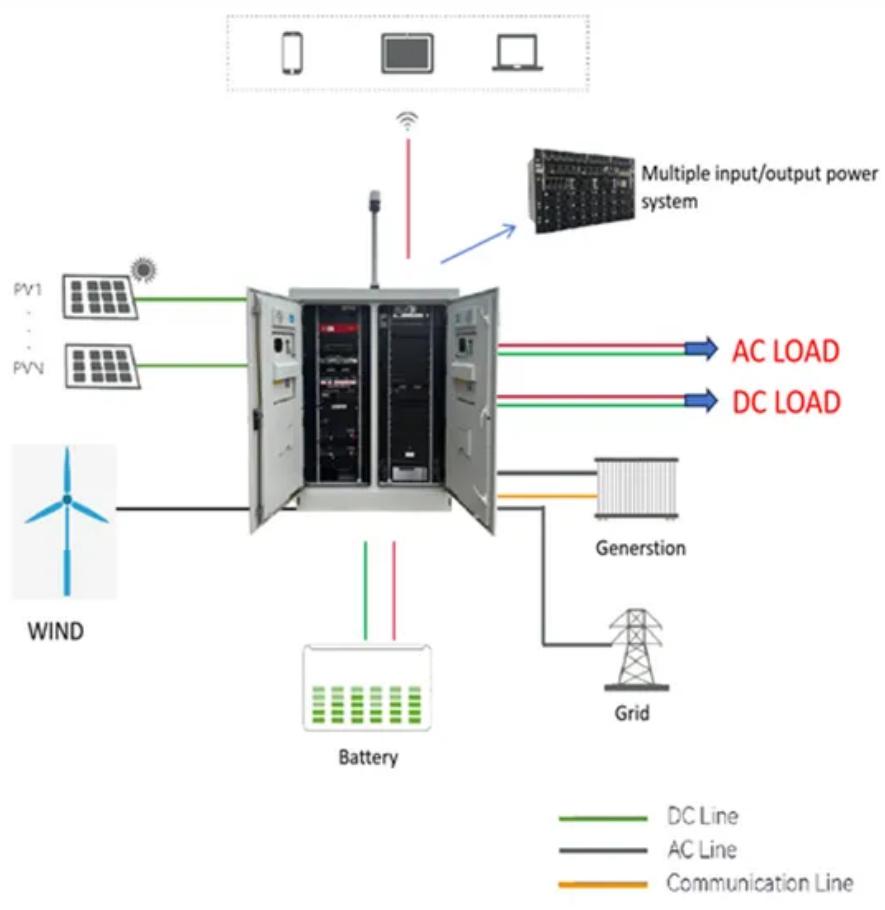




# Government subsidy for containerized microgrid in Indonesia





## Overview

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Why are microgrids important in Indonesia?

Microgrids play a vital role in promoting energy independence at the local level in Indonesia. By enabling communities to generate their own electricity from solar energy, microgrids reduce dependence on imported fossil fuels and stabilize energy costs.

Can microgrids provide electricity to remote and off-grid communities in Indonesia?

Microgrids have emerged as a practical solution to provide electricity to remote and off-grid communities in Indonesia. By decentralizing power generation and distribution, microgrids can bring renewable energy sources like solar power to areas that are not easily accessible by the traditional grid infrastructure.

Who owns a microgrid in Indonesia?

In Indonesia, some of the remote microgrids are owned by private companies, either to fulfill their own energy needs or as a corporate social responsibility program. There are also a few microgrids that are funded by non-government organizations or from foreign grants.

Can mini-grids support Indonesians in hard-to-reach regions?

In a study - Indonesia is an archipelago, Indonesia is unlikely to be completely electrified through the main grid. There is therefore the potential for mini-grids to support Indonesians in otherwise hard-to-reach regions. The authors identified 1,061 installed mini-grids.

Does Clean Power Indonesia have a biomass mini-grid?

Clean Power Indonesia has a 700kW biomass mini-grid to provide electricity to 1,250 homes in three villages in Mentawai, Indonesia. Ankur Scientific, the technology provider, has signed an agree-



ment with the PLN and is responsible for the main-tenance of the 6x100kW and 2x50kW biomass gasifiers, supporte.

How many mini-grids are there in Indonesia?

ds (BloombergNEF, 2018). In 2018 alone, the country imported over 3,000 diesel generators. This suggests a huge potential for sub-stitutin diesel with renewables.Indonesia has installed a total of 1,061 mini-grids, mostly led by the national government with support from international donor agencies (



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### [Remote Microgrids for Energy Access in ...](#)

This paper is the companion paper of Remote Microgrids for Energy Access in Indonesia "Part I: scaling and sustainability challenges and a technology outlook". This part II investigates the issues of photovoltaic (PV) ...

### [Eskom rolls out microgrid as part of efforts in ...](#)

In addition to the installation of the microgrid and as part of ploughing back to the Swartkopdam community, Eskom is donating two mobile containers and recreational equipment to the Swartkopdam Primary School.



### **Remote Microgrids for Energy Access in Indonesia Part I: ...**

This study is a two-part publication; the first part focuses on identifying challenges in Indonesia's remote microgrid development, while the second part focuses on potential technology solutions.

### [The Impact of Government Subsidy on Renewable ...](#)

Since microgrids require public support to make economic sense, governments regularly subsidize renewable microgrids to increase their renewable energy market penetration. In this study, we investigated the ...



### **Design and analysis of a smart microgrid for a small island in ...**

Indonesia as the largest archipelago in the world has a big challenge to electrify all the inhabited islands due to the geographical dispersion. Microgrid development is one of the most suitable ...

### **Will Indonesia's ambitious plan to subsidize EVs and ...**

In December 2022, Indonesia's Minister of Industry, Agus Gumiwang, announced the government's plan to provide purchase subsidies for electric cars, hybrid cars, and electric motorbikes, and to subsidize the cost of ...



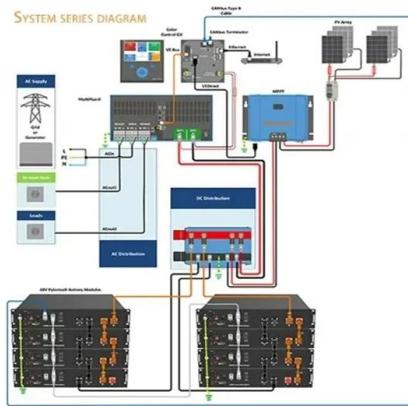
### [The Impact of Government Subsidies on the Alliance ...](#)

Finally, the impact of different initial strategy states, subsidy costs, penalty amounts, and profit statuses on the behavior of each party is discussed. The results confirm the validity of the ...



## **A critical evaluation of DC microgrid implementation in ...**

This study thoroughly investigates the potential of direct current (DC) microgrids to enhance electricity access in rural and remote areas of Indonesia that continue to face significant obstacles despite ongoing national electrification efforts.



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