

This regular roundup brings you essential news and updates on the global economy from the World Economic Forum's Head of Economic Growth and Transformation. Top stories: US tariffs ...

Innovative economic solutions combined with state-of-the-art engineering solutions can catalyze adoption of microgrids. Economic viability assessment models can play an important role in ...

Microgrids provide resilient, localized power solutions, ensuring energy security and supporting economic growth while aligning with sustainability goals and reducing dependence on traditional ...

This report is the second output of the World Economic Forum's Scenarios for the Global Economy Dialogue Series, which uses scenario analysis and cross-industry dialogue to help decision ...

As in the economics of many traditional on-site generation projects, the economics of heat recovery and its application by combined heat and power (CHP) systems is central to the evaluation of microgrids, ...

Due to the high investment costs of fresh batteries (FB), achieving a positive and efficient economy takes work. However, second-life batteries (SLB), whose capacity decreases by 20-30% ...

To contribute to "Affordable and Clean Energy", Goal 7 of United Nations Sustainable Development Goals, this paper presents an economic evaluation of renewable energy microgrids ...

The Annual Meeting 2026 of the World Economic Forum will take place at Davos-Klosters from 19th to 23rd January.

GDP has been used as a measure of economic growth since 1937. But the need for wellbeing metrics is bringing its relevance into question. Know what is GDP and why it matters.

ABSTRACT The concept of microgrids (MGs) as compact power systems, incorporating distributed energy resources, generating units, storage systems, and loads, is widely acknowledged ...

This research performs an economic and technological assessment of a renewable energy system optimized by Self adaptive grey wolf optimizer (SA-GWO) which enables sustainable EV charging in ...

This study collects publicly available financial data from 24 microgrid projects worldwide and investigates the economic performance of renewable energy microgrids by evaluating key ...

\$80 trillion of wealth will be transferred into new hands over the coming years, with implications for capital

costs and economic growth. The public sector will likely target some of it, but ...

2025 has been marked by significant global shifts, including increased geopolitical instability, the accelerating impact of AI and a changing labour market.

This chapter presents a comprehensive framework for modelling and economic analysis of microgrids, integrating both technical and financial dimensions. Microgrid modelling supports ...

Davos 2026 provides an impartial platform to connect leaders to confront shared challenges and drive innovations defining the future.

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