

The future promises dramatic transformations in the way people make and consume energy. Many experts are turning to microgrids-- small-scale, self-sustaining power networks unburdened by ties to a centralized power plant-- ...

Our approach integrates social and technical indicators to bolster urban microgrid planning. Through a case study in a US county, we illustrate how integrated microgrid planning effectively ...

The Asian Development Bank (ADB) is committed to achieving a prosperous, inclusive, resilient, and sustainable Asia and the Pacific, while sustaining its efforts to eradicate extreme poverty. ...

The principal aim of Sustainable Development Goals (SDGs) or Global Goals is to attain a much better and more sustainable future for all. In recent times, microgrids have attracted much ...

The energy system is transitioning to become more sustainable. One trend is for large-scale, centralized, and fossil-fuelled systems to change to the small-scale production of ...

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This paper reviews practical challenges for microgrid electrification projects in low- and middle-income economies, proposing a Social-Technical-Economic-Political (STEP) ...

For VLV Development, which specializes in sustainable projects, the effort is the first in what the company hopes will be a series of low-income solar housing projects linked to microgrids. In fact, the company's goal ...

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