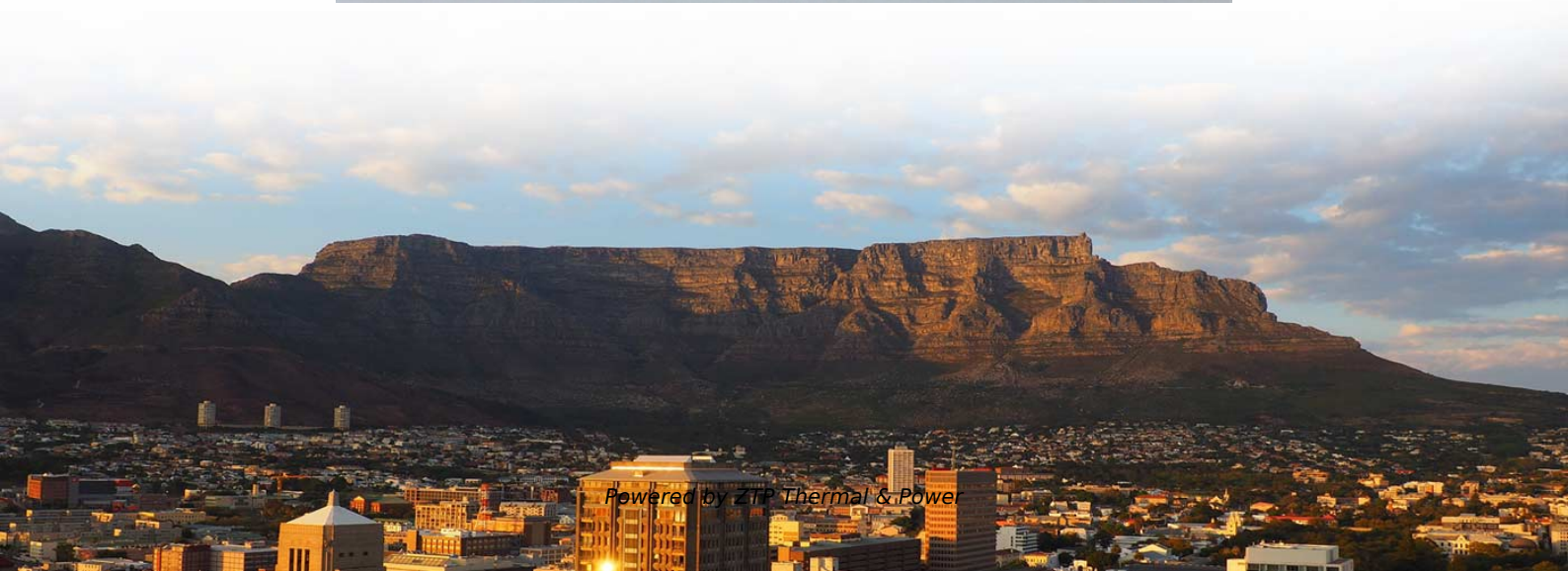


# **The energy internet is an energy-saving solution**





## Overview

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The Energy Internet represents a transformative paradigm integrating advanced power systems, distributed renewable energy, and digital technologies to achieve efficient, resilient, and sustainable energy management. Abstract—This paper focuses on the management of the electricity grids using energy packets to build the Energy Internet via machine-type communications.



## The energy internet is an energy-saving solution

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### **What is Energy Internet? Concepts, Technologies, and Future Directions**

The climate change crisis, exacerbated by the global dependency of fossil fuels, has brought significant challenges. In the medium to long term, extensive renewable-energy-based

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Challenges and requirements for advancing the energy internet (EI) technologies; future researches can focus on addressing these challenges.

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Energy Internet: Enablers and Building Blocks Pedro H. J. Nardelli, Hirley Alves, Antti Pinomaa, Sohail Wahid, Ari Pouttu Abstract--This paper focuses on the management of the electricity grids using

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