

This paper investigates Electric Vehicle (EV) charging strategies within a community microgrid (CMG) framework, focusing on optimizing grid stability, minimizing emissions, and reducing ...

As part of the pilot study, technicians from Lightec installed two Pecogrid solar systems at houses in Pretoria West. The systems both consisted of a portable Peco-brick - a 200 Watt inverter unit ...

Wits University, together with its partners in the Gauteng Research Triangle, have started a pilot project to study the potential of introducing small portable solar power systems into informal ...

The microgrid project in Wadeville is demonstrating the economic case for such installation in commercial and industrial businesses in South Africa, leading to a more productive economy.

In a recent episode of the Podcast: Energy Careers, Dom Wills, co-founder of SOLA and long-time energy innovator, unpacked the emergence of microgrids, the power of decentralised generation, ...

The future of renewable microgrids in South Africa appears promising, driven by increasing energy demands and supportive government policies. As technological advancements continue to lower ...

The project, that makes use of the Pecogrid power brick, developed by Professor Willie Cronje of the Wits School of Electrical and Information Engineering, aims to look at the viability of ...

The Pecogrid pilot study will examine the viability of the large-scale rollout of microgrid inverter systems in informal communities.

This facility analyses and tests microgrid technology at full power and actual load levels before implementation. This reduces the risks of deployment and helps to optimise the performance of ...



Pretoria microgrids

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