



# Cape town microgrid economics

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Citation: Caprotti F, de Groot J, Mathebula N, Butler C and Moorlach M (2024) Wellbeing, infrastructures, and energy insecurity in informal settlements. *Front. Sustain. Cities.* 6:1388389. doi: 10.3389/frsc.2024.1388389

Cite this paper: O. M. Longe, N. D. Rao, F. Omowole, A. S. Oluwalami, O. T. Oni, A Case Study on Off-grid Microgrid for Universal Electricity Access in the Eastern Cape of South Africa, *International Journal of Energy Engineering*, Vol. 7 No. 2, 2017, pp. 55-63. doi: 10.5923/j.ijee.20170702.03.

Through a unique metering and billing platform, Zonke energy delivers clean, affordable, and reliable microgrid electricity to informal settlement communities in Cape Town, South Africa. Fiscal and tactical support from Energy Catalyst enabled Zonke to improve on metering hardware and software, business modeling, and site selection in informal settlements.

Zonke Energy provides clean, reliable power through a distributed solar system powered by a 1.5kW solar photovoltaic generator. The system can serve 10-15 households and allow each to power a television, radio, lights, refrigerators and power tools. Through a payment and pre-paid metering system, customers can easily make payments and track electricity used.

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