

Microgrid control mozambique

This article provides an overview of policy and regulatory framework for grid interconnection in Mozambique and is targeted at private sector, donor organisations, NGOs, Government bodies and other stakeholders who are interested in getting a deeper understanding of the nano/mini-grid market in Mozambique.

For an overview of the stakeholders involved in the market, [click here](#).

The new Regulation for Energy Access in Off-Grid Areas (approved by Decree n. 93/2021) has the following provisions for grid interconnection of mini-grids:

For grid interconnection, it also includes the different alternatives:

In case of mini-grid termination, the financial compensation for the mini-grid operator is mentioned in the number 7 of article 15 of this regulation¹;

The new electricity law, Law no. 12/2022 establishes that "In the case of the interconnection of the mini-grid to the National Electricity National Electricity Grid, the extinction of the respective concession is subject to the regime defined in the regulation"²;

Currently, only the proposed grid extension plan is available (figure below) but their grid arrival schedule is not available³;

The following large-scale projects will be an addition of the National Grid and therefore an important consideration for mini-grids planned in surrounding areas.

Planned large-scaled plants for evolution of installed capacity:

Planned expansion of the transmission network:

The public body responsible for expanding access to electricity is seeking consultants to prepare a tender for rural PV mini-grids.

Mozambique had around 55 MW of solar capacity at the end of the year.

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