Aloe Energy research

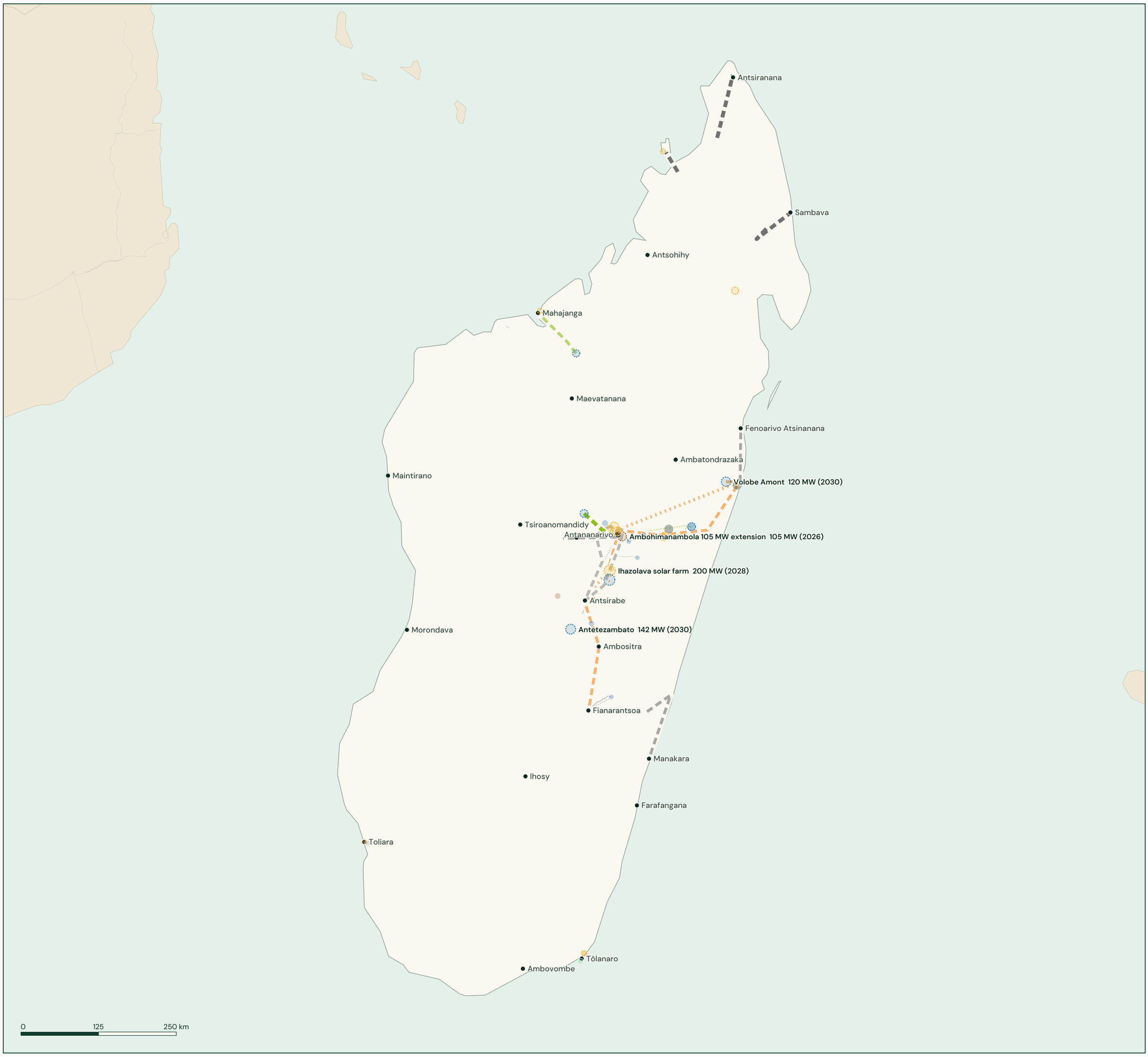
Grows where the grid hasn't.

# Madagascar's power grid, 2035 and beyond

Planned lines and power plants, drawn over today's grid

18 power plants planned or being built (1,305 MW) · 14 transmission projects · 10 master plan links

Edition 1 · Data as of November 2026




## How to read the map

- 132 kV
- 66 kV
- Voltage not recorded
- Dotted: missing from OpenStreetMap, from utility or World Bank maps
- Grey: lines in neighboring countries
- Dashed: transmission project (indicative route)
- Faint dashed: undated or concept
- Dotted: master plan interconnector

### Power plants, 10 MW and above

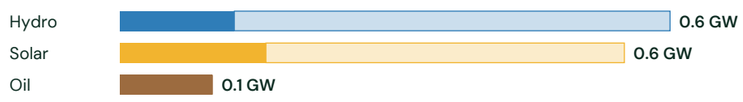
Hydro · Coal · Gas
Oil · Solar · Wind
Other

20 MW · 200 MW · 1,000 MW · ring: not yet built
Town or city

## In numbers

- **1.3 GW** in 18 power plants planned or under construction, against 0.6 GW running today
- **14** transmission projects not yet in service
- **12 of 16** projects with a promised date now expect to finish later than first promised, or have no date
- **10** interconnectors in the master plan

### What is being built and planned




Solid: under construction (0.4 GW). Light: planned (0.9 GW).

## Projects to watch

- **Ihazolava solar farm, 200 MW**
  Planned · 2028
- **Sahofika, 192 MW**
  Planned · about 2031 · first promised 2024
- **Antetezambato, 142 MW**
  Planned · 2030 · first promised 2022
- **Volobe Amont, 120 MW**
  Planned · 2030 · first promised 2022
- **Ambohimanambola 105 MW extension, 105 MW**
  Under construction · about 2026 · first promised 2024
- **PRIRTEM-I Antananarivo – Toamasina 220 kV (RIA-RIT)**
  Construction (barely started) · about 2028 · first promised 2023
- **Ranomafana (Ikopa) evacuation to Tana Sud II**
  Construction · 2028
- **PRIRTEM-II Antananarivo – Antsirabe 220 kV**
  Financed · about 2029 · first promised 2025
- **Tana Medium Ring 90 kV**
  Feasibility · about 2029
- **Sahofika evacuation line to Antanifotsy**
  Feasibility · about 2031

Sources. Transmission lines: contains information from OpenStreetMap, which is made available under the Open Database License (ODbL), extracted 4 November 2026; lines missing from OpenStreetMap from World Bank 2017 Africa grid. Power plants: Global Energy Monitor Global Integrated Power Tracker (September 2026, CC BY 4.0), a project register built from public sources, WRI Global Power Plant Database v1.3, OpenStreetMap and the World Bank AICD inventory. Transmission projects: utilities, power pools, funders and news reports; master plans: Madagascar least-cost plan (PDMC 2018). Towns: GeoNames (CC BY 4.0). Boundaries: Natural Earth.

*Routes are indicative, drawn substation to substation. This map is for information only, not for engineering, investment or navigation decisions. Boundaries and names do not imply any view on their status. Free to print and share for non-commercial use with credit to Aloe Energy, unchanged (CC BY-NC-ND 4.0). Download both sheets at aloeenergy.org/posters. The companion sheet shows today's grid.*

Aloe Energy

© 2026 Aloe Energy research
Edition 1, November 2026