Aloe Energy research

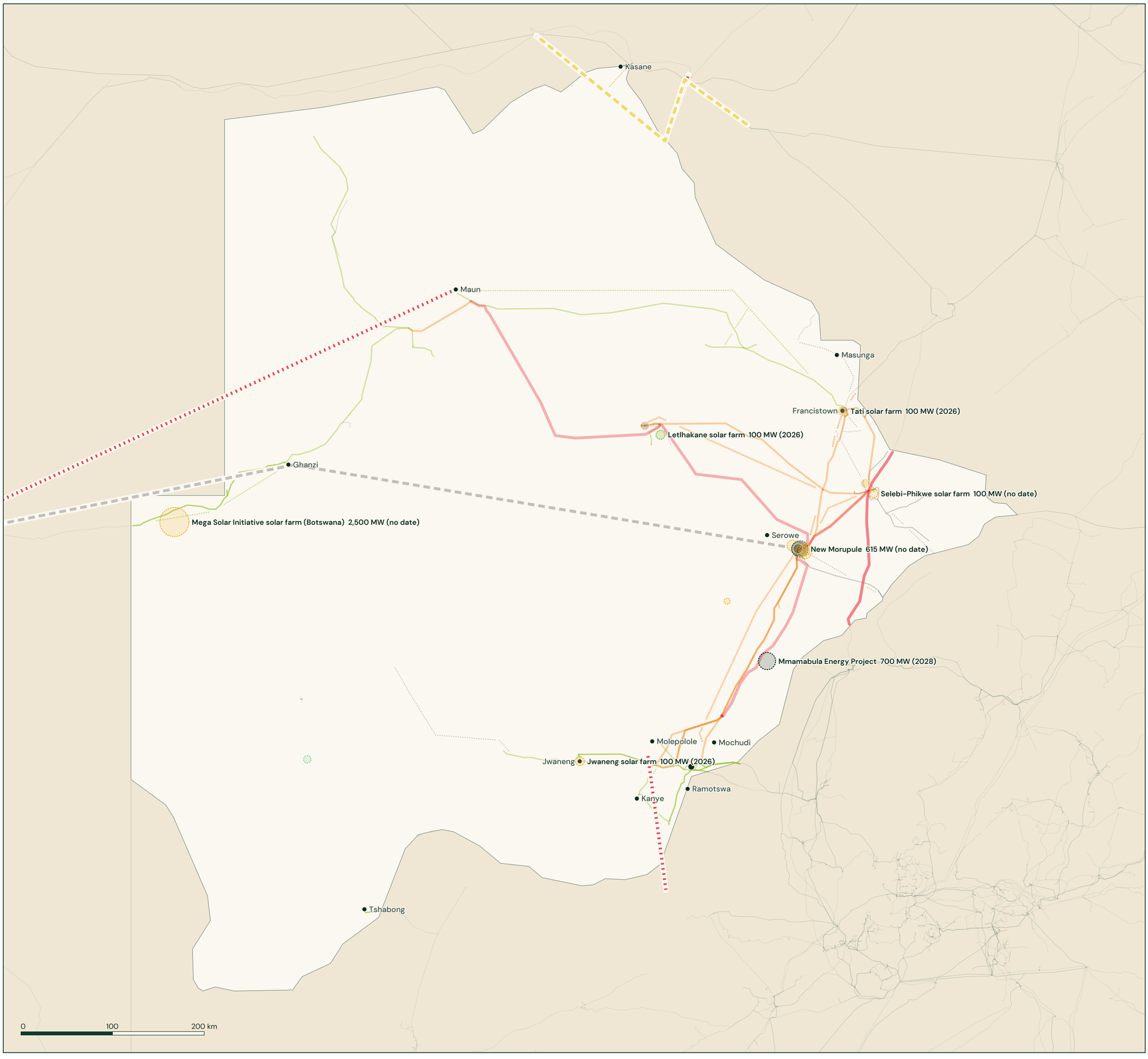
Grows where the grid hasn't.

Botswana's power grid, 2035 and beyond

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

14 power plants planned or being built (5,285 MW) · 2 transmission projects · 4 master plan links

Edition 1 · Data as of November 2026



How to read the map

- 400 kV
- 220 kV
- 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

Coal · Oil · Solar · Wind

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

Town or city

In numbers

- **5.3 GW** in 14 power plants planned or under construction, against 1.0 GW running today
- **2** transmission projects not yet in service
- **2 of 2** projects with a promised date now expect to finish later than first promised, or have no date
- **4** interconnectors in the master plan

What is being built and planned

Solar	3.8 GW
Coal	1.3 GW
Wind	0.1 GW

Solid: under construction (0.7 GW). Light: planned (4.6 GW).

Projects to watch

- **Mega Solar Initiative solar farm (Botswana), 2,500 MW**
  Planned · no date
- **Mmamabula Energy Project, 700 MW**
  Under construction · 2028
- **New Morupule power station, 615 MW**
  Planned · no date
- **Leupane Energy Hub solar farm, 500 MW**
  Planned · no date
- **Botswana CSP I solar farm, 200 MW**
  Planned · 2027
- **Jwaneng solar farm, 100 MW**
  Planned · 2026
- **Letlhakane solar farm, 100 MW**
  Planned · 2026
- **Lotsane solar farm, 100 MW**
  Planned · 2027
- **ZiZaBoNa interconnector**
  Feasibility done · about 2030 · first promised 2028
- **Botswana–Namibia interconnector**
  Pre-feasibility, data collection · no date · first promised 2029

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: SAPP master plan 2025–2045 (draft). 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.

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