Aloe Energy research

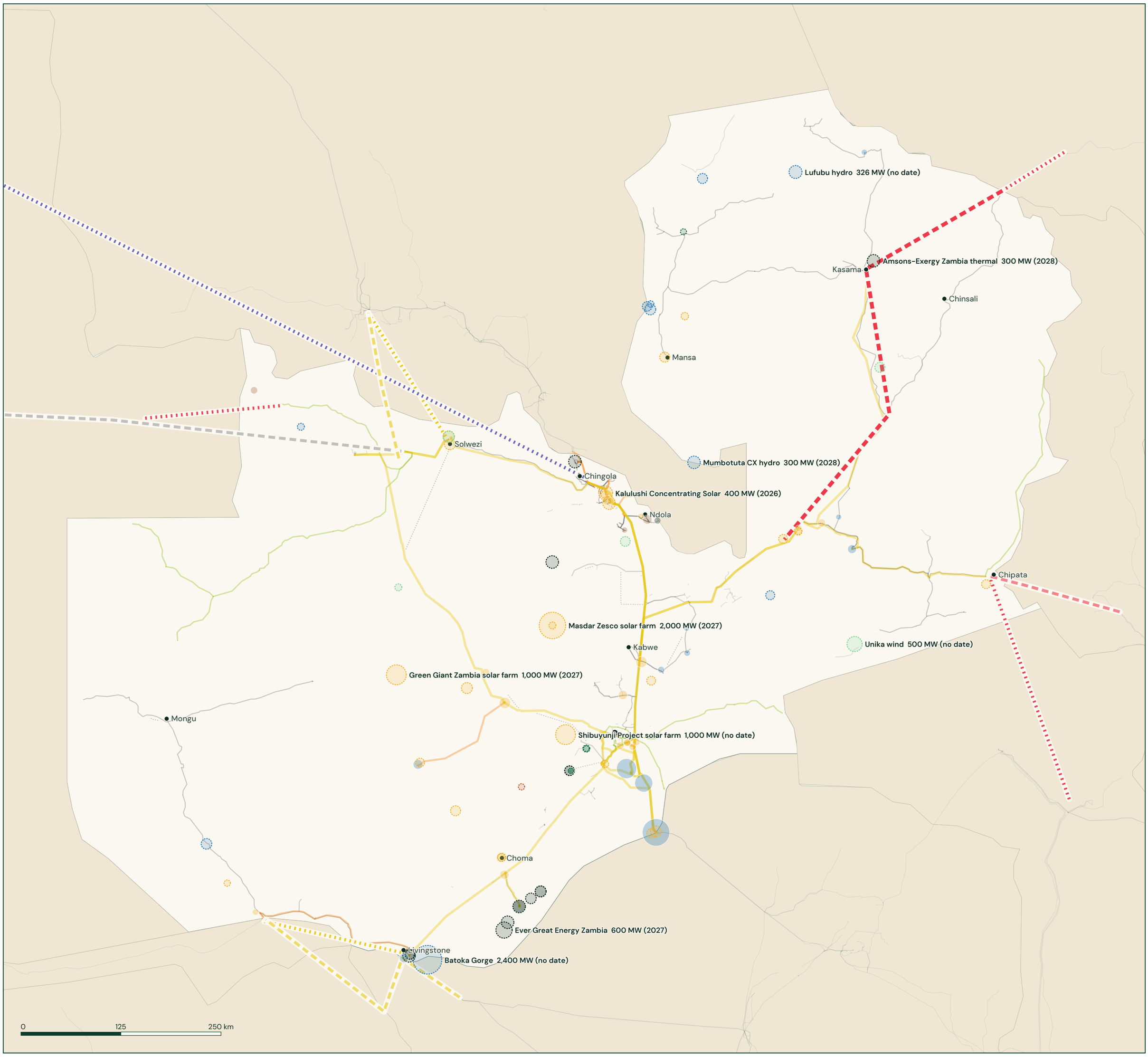
Grows where the grid hasn't.

Zambia's power grid, 2035 and beyond

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

59 power plants planned or being built (15,273 MW) · 5 transmission projects · 9 master plan links

Edition 1 · Data as of November 2026



How to read the map

- 330 kV
- 220 kV
- 132 kV
- 88 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
- Oil
- Solar
- Wind
- Geothermal
- Biomass

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

Town or city

In numbers

- **15 GW** in 59 power plants planned or under construction, against 6.0 GW running today
- **5** transmission projects not yet in service
- **4 of 5** projects with a promised date now expect to finish later than first promised, or have no date
- **9** interconnectors in the master plan

What is being built and planned

Solid: under construction (2.0 GW). Light: planned (13 GW).

Projects to watch

- **Batoka Gorge, 2,400 MW**
  Pre-procurement · no date · first promised 2023
- **Masdar Zesco solar farm, 2,000 MW**
  Planned · 2027
- **Green Giant Zambia solar farm, 1,000 MW**
  Planned · 2027
- **Shibuyunji Project solar farm, 1,000 MW**
  Planned · no date
- **Ever Great Energy Zambia power station, 600 MW**
  Under construction · 2027
- **Unika wind farm, 500 MW**
  Planned · no date
- **Kalulushi Concentrating Solar Power Plant, 400 MW**
  Planned · 2026
- **Zambia–Tanzania interconnector, Zambia section**
  Under construction · 2028
- **Malawi–Zambia interconnector**
  Tender documents · about 2030 · first promised 2028
- **ZiZaBoNa interconnector**
  Feasibility done · about 2030 · first promised 2028

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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Edition 1, November 2026