Aloe Energy research

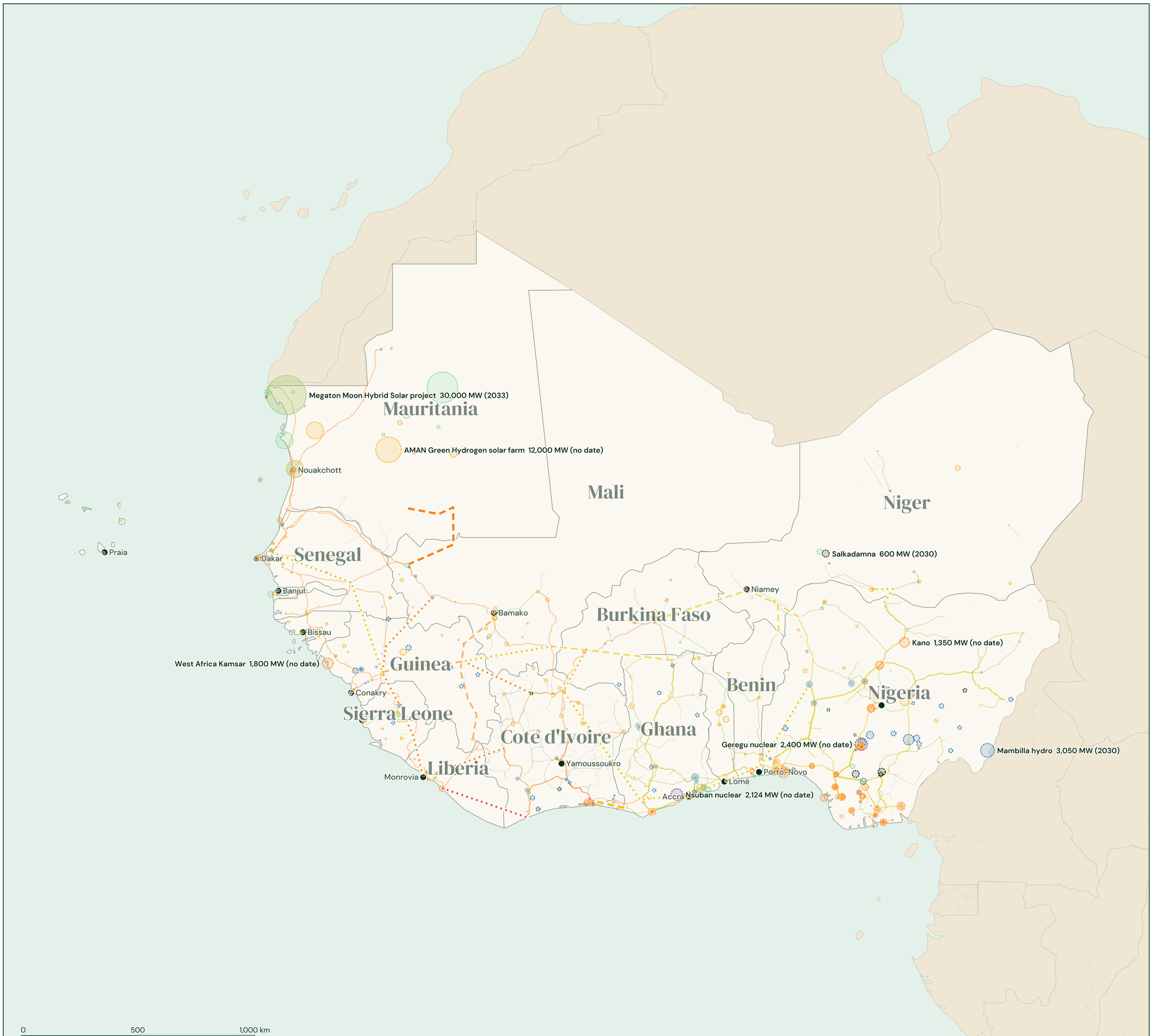
Grows where the grid hasn't.

The West African Power Pool, 2035 and beyond

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

16 countries · 247 power plants planned or being built (164,325 MW) · 8 transmission projects · 8 master plan links

Edition 1 · Data as of November 2026



How to read the map

- 400 kV
- 330 kV
- 220 kV
- 132 kV
- 110 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
- Gas
- Oil
- Solar
- Wind
- Biomass
- Nuclear
- Other

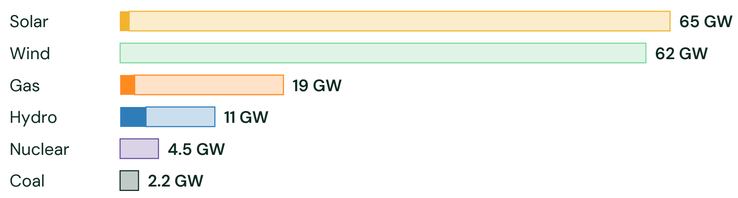
50 MW · 500 MW · 2,000 MW · ring: not yet built

Town or city

In numbers

- **164 GW** in 247 power plants planned or under construction, against 34 GW running today
- **8** transmission projects not yet in service
- **3 of 5** projects with a promised date now expect to finish later than first promised, or have no date
- **8** interconnectors in the master plan

What is being built and planned



Solid: under construction (5.9 GW). Light: planned (158 GW).

Projects to watch

- **Megaton Moon Hybrid Solar project, 30,000 MW**
  Planned · 2033
- **Megaton Moon Hybrid Wind project, 30,000 MW**
  Planned · 2029
- **AMAN Green Hydrogen wind farm, 18,000 MW**
  Planned · 2035
- **AMAN Green Hydrogen solar farm, 12,000 MW**
  Planned · no date
- **Conjuncta and Infinity hybrid wind farm, 5,100 MW**
  Planned · no date
- **Mauritania-Mali 225 kV interconnection (PIEMM)**
  Under construction · 2030
- **North Core 330 kV (Nigeria-Niger-Benin-Burkina Faso)**
  Under construction · about 2027 · first promised 2023
- **North Core branch to Malanville (Benin)**
  Under construction · about 2027 · first promised 2024
- **Ghana-Cote d'Ivoire 330 kV reinforcement**
  Financed · 2029
- **Ghana-Burkina Faso-Mali 330 kV (Bolgatanga-Bobo-Dioulasso-Sikasso)**
  Feasibility · about 2031 · first promised 2020

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: WAPP master plan 2019-2033. 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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