Aloe Energy research

Grows where the grid hasn't.

The Maghreb (COMELEC), 2035 and beyond

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

4 countries · 139 power plants planned or being built (100,786 MW) · 8 transmission projects · 6 master plan links

Edition 1 · Data as of November 2026



How to read the map

- 500–533 kV
- 400 kV
- 330 kV
- 275 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
- Other

- 50 MW
- 500 MW
- 2,000 MW
- ring: not yet built
- Town or city

In numbers

- **101 GW** in 139 power plants planned or under construction, against 70 GW running today
- **8** transmission projects not yet in service
- **1 of 2** projects with a promised date now expect to finish later than first promised, or have no date
- **6** interconnectors in the master plan

What is being built and planned

Solid: under construction (20 GW). Light: planned (81 GW).

Projects to watch

- **White Dunes wind farm, 10,000 MW**
  Planned · 2028
- **AMUN solar farm, 7,500 MW**
  Planned · no date
- **Morocco–Germany solar farm, 7,500 MW**
  Planned · no date
- **AMUN wind farm, 7,500 MW**
  Planned · no date
- **Morocco–Germany wind farm, 7,500 MW**
  Planned · no date
- **ELMED Tunisia – Italy 500 kV HVDC (600 MW, Mlaabi – Partanna)**
  Under construction · 2028
- **Libya – Egypt 500/400 kV upgrade (Saloum – Tobruk, 1,000 MW)**
  Feasibility · about 2030
- **Morocco – Spain third 400 kV cable (700 MW)**
  Feasibility · about 2030 · first promised 2026
- **Morocco – Mauritania 400 kV (Dakhla – Boulenouar)**
  Pre-feasibility · about 2031
- **Morocco – Portugal subsea link (Beni Harchane – Tavira)**
  Concept · about 2033

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: COMELEC cross-border projects (2026). 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