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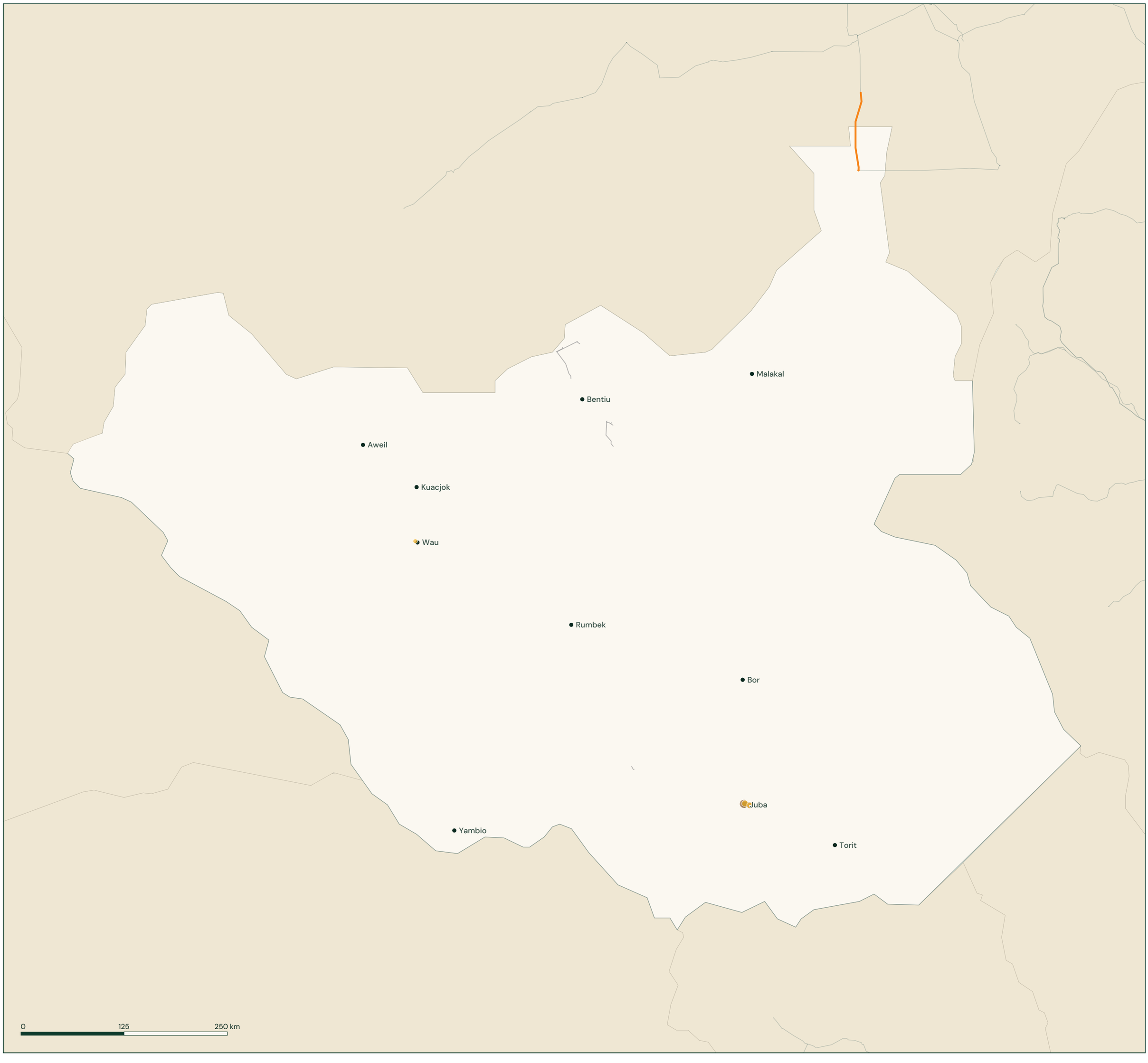
Grows where the grid hasn't.

South Sudan's power grid today

The high-voltage grid and the power plants running in November 2026

227 km of lines, 66 kV and above · 5 power plants of 10 MW and above (165 MW)

Edition 1 · Data as of November 2026



How to read the map

- 220 kV
- Voltage not recorded
- Grey: lines in neighboring countries

Power plants, 10 MW and above

- Oil
- Solar
- 20 MW
- 200 MW
- 1,000 MW
- Town or city

In numbers

- **0.2 GW** in 5 operating power plants of 10 MW and above
- **227 km** of mapped transmission lines, 66 kV and above
- **1** substations mapped
- **71%** of operating capacity is oil

What runs South Sudan today



Largest power stations

Paloch Oil Field (oil)	85 MW
Juba diesel (oil)	33 MW
Juba Ezra (Aptech Africa) solar farm (solar)	26 MW
Juba (Ezra) solar farm (solar)	20 MW
UN Compound - Wau (solar)	1 MW

Sources. Transmission lines: contains information from OpenStreetMap, which is made available under the Open Database License (ODbL), extracted 4 November 2026. 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: EAPP master plan 2014. 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 the plans to 2035 and beyond.*

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