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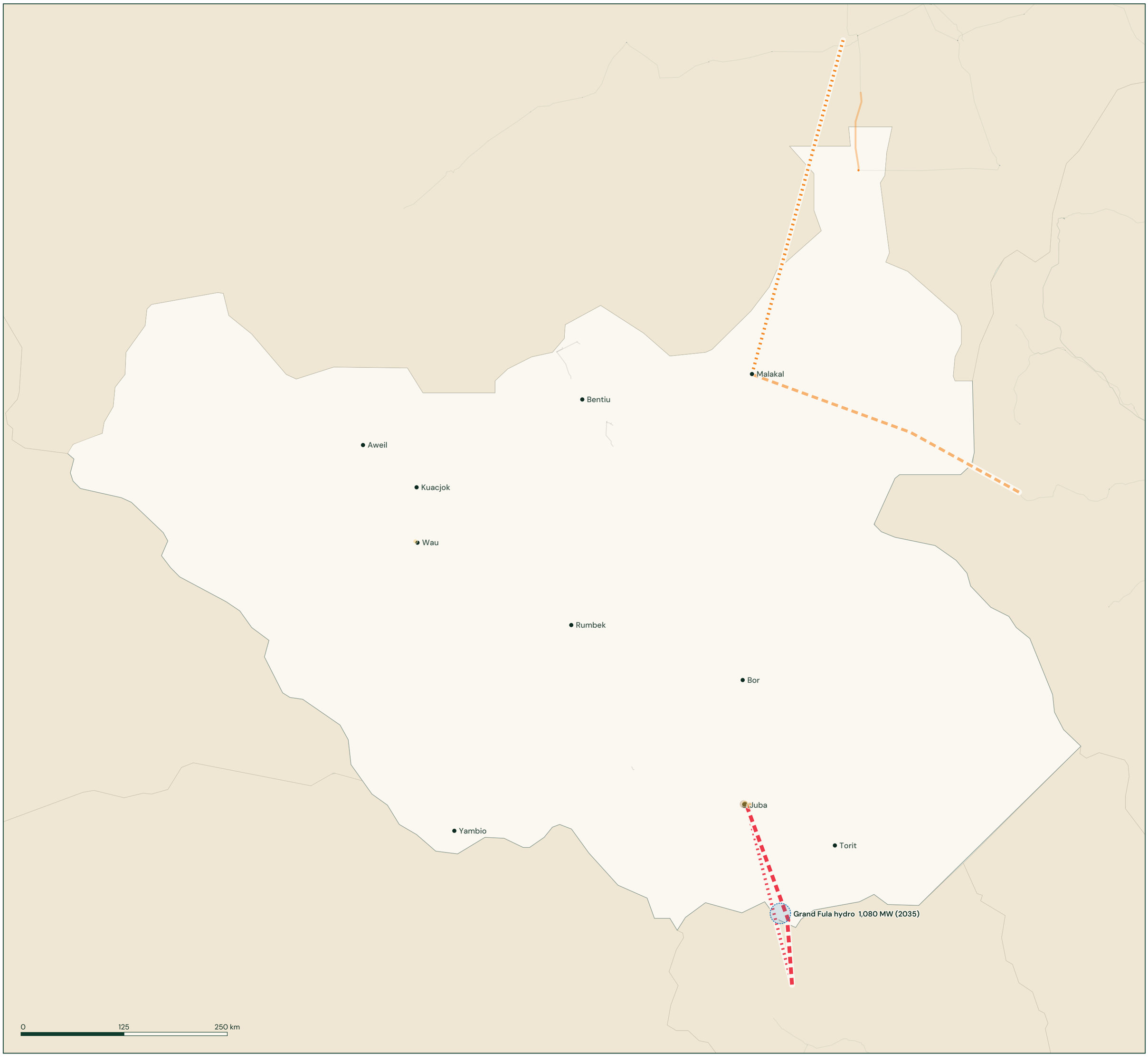
Grows where the grid hasn't.

South Sudan's power grid, 2035 and beyond

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

1 power plants planned or being built (1,080 MW) · 2 transmission projects · 2 master plan links

Edition 1 · Data as of November 2026



How to read the map

- 220 kV
- Voltage not recorded
- 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 · Oil · Solar

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

Town or city

In numbers

- **1.1 GW** in 1 power plants planned or under construction, against 0.2 GW running today
- **2** transmission projects not yet in service
- **1 of 1** projects with a promised date now expect to finish later than first promised, or have no date
- **2** interconnectors in the master plan

What is being built and planned

Hydro — 1.1 GW

Solid: under construction (0.0 GW). Light: planned (1.1 GW).

Projects to watch

- **Grand Fula hydroelectric plant, 1,080 MW**
  Planned · 2035
- **Uganda-South Sudan 400 kV (Olwiyo-Nimule-Juba)**
  Financed · 2028 · first promised 2020
- **Ethiopia-South Sudan 230 kV (Gambella-Malakal)**
  Pre-feasibility · about 2030

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 today's grid.

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