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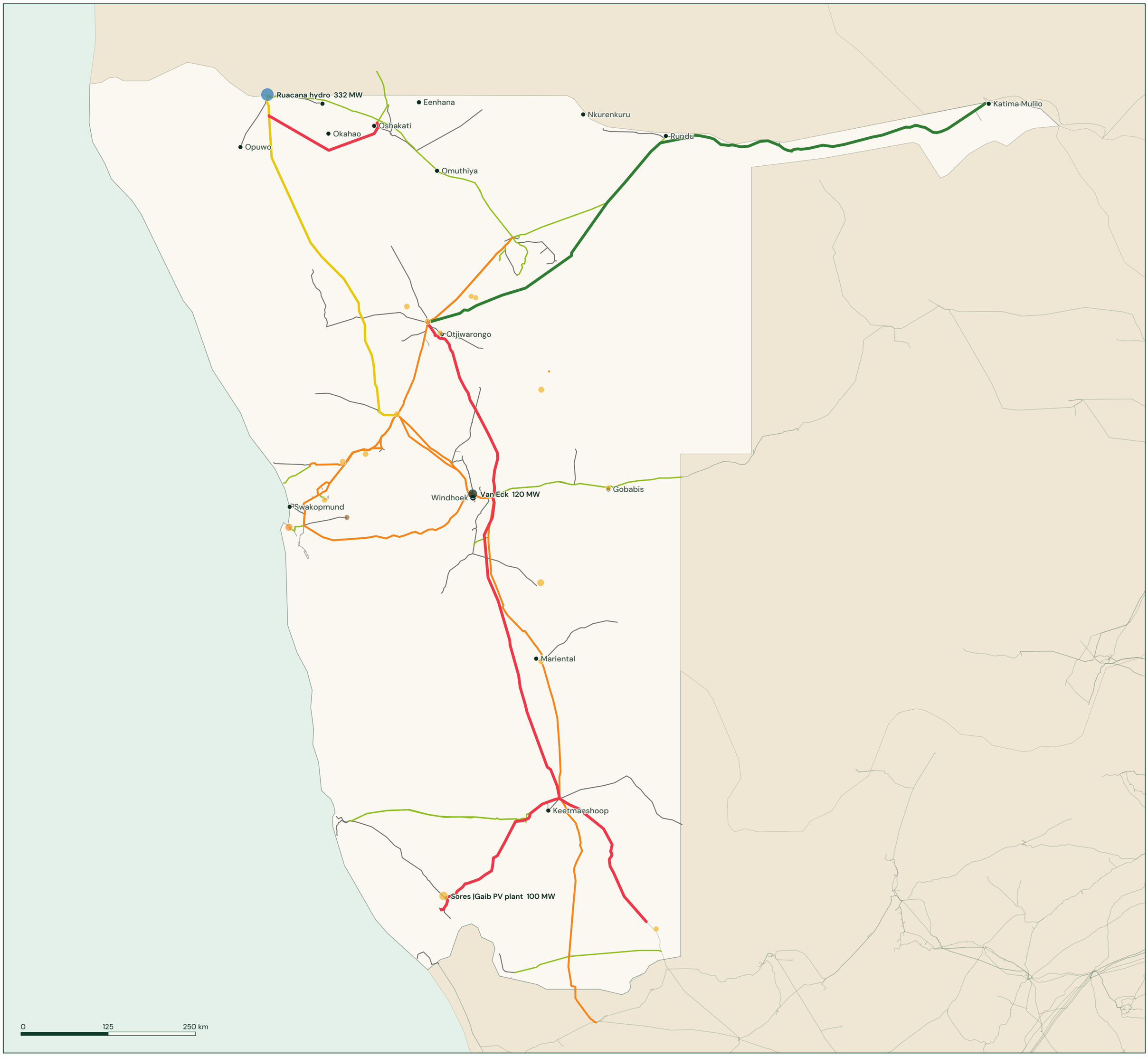
Grows where the grid hasn't.

Namibia's power grid today

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

11,536 km of lines, 66 kV and above · 19 power plants of 10 MW and above (869 MW)

Edition 1 · Data as of November 2026



How to read the map

- 400 kV
- 350 kV
- 330 kV
- 220 kV
- Grey: lines in neighboring countries
- 132 kV
- 66 kV
- Voltage not recorded

Power plants, 10 MW and above

- Hydro
- Coal
- Gas
- Oil
- Solar

20 MW · 200 MW · 1,000 MW

Town or city

In numbers

- **0.9 GW** in 19 operating power plants of 10 MW and above
- **11,536 km** of mapped transmission lines, 66 kV and above
- **60** substations mapped
- **41%** of operating capacity is solar

What runs Namibia today

- Solar 357 MW (41%)
- Hydro 332 MW (38%)
- Coal 120 MW (14%)
- Gas 50 MW (6%)
- Oil 10 MW (1%)

Largest power stations

Ruacana hydro (hydro)	332 MW
Van Eck (coal)	120 MW
Sores |Gaib PV plant (solar)	100 MW
Anixas II (gas)	50 MW
Mariental solar farm (solar)	46 MW
Project Oshivela Green Iron solar farm (solar)	25 MW
Moses Mague //Garoëb Khan Solar PV Plant (solar)	25 MW
Khan solar farm (solar)	20 MW
Omburu solar farm (solar)	20 MW
Gerus solar farm (solar)	19 MW
Gerus Solar Plant (solar)	19 MW
Ojiwarongo Solar Park (solar)	13 MW

Plus 7 smaller plants on the map.

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: 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 the plans to 2035 and beyond.

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