

## Electric grid malawi

The Malawi Integrated Energy Planning Tool is an online, publicly available, interactive, and user-friendly data visualization platform that equips Malawian policy makers and energy practitioners with data and insights to make informed decisions on strategies and operations to advance energy access in the country.

The tool is powered by extensive geospatial analytics and modelling and provides actionable intelligence for the private sector and government stakeholders to plan the expansion of least-cost access to electricity, access to clean cooking, health-facility electrification and medical cold-chain energy assessment in the context of a national COVID-19 vaccination rollout. The tool presents interactive and downloadable data from Malawi based on integrated energy planning analyses to achieve universal energy access in the country by 2030.

The Malawi Integrated Energy Plan is a detailed Malawian geospatial energy access analysis, the results of which are accessible via the Malawi Integrated Energy Planning Tool, developed by Sustainable Energy for All (SEforALL), in collaboration with the Ministry of Energy, Malawi, with support from Global Energy Alliance for People and Planet and The Rockefeller Foundation.

We build, own, maintain and operate transmission and distribution assets throughout Malawi, retail electricity to our customers, are a system and market operator (SMO) and a Single Buyer (SB) for the entire power sector

Download the ESCOM Mobile app to report and follow up on faults or emergencies, retrieve tokens, check postpaid bills, View Power Outages, check Load Shedding Program, etc.

By compact closeout, transmission losses were nearly halved from the pre-compact level of 10.5 percent, but distribution losses showed almost no change and remained at 12 percent. Total system losses declined from 22 to 17.3 percent at closing, but because many of these improvements preceded the completion of IDP construction activities, the compact's role in this result is unclear.

Addressing load shedding was not a project objective; however, persistent load shedding undermined the achievement of the broader compact objective of improving the availability and reliability of the power supply. Between January 2017 and December 2019, there were only 43 days without load shedding, and unplanned outages increased slightly in both frequency and duration, rather than decreasing as expected.



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