

Malabo electricity generation

ECP, in partnership with the Ministry of Mines and Hydrocarbons, announced the launch of its Africa Energy Series: Equatorial Guinea 2021 campaign - comprising a report and documentary - that will serve as a critical tool to navigate the energy investment landscape of one of Africa's more mature petroleum-producing markets. To participate in the upcoming Africa Energy Series documentaries, please contact and to advertise or sponsor, please contact .

The MSGBC Oil, Gas & Power conference remains the only event entirely dedicated to exploring energy opportunities in Mauritania, Senegal, The Gambia, Guinea-Bissau and Guinea-Conakry.

Delegates are able to access high-level insights from African policymakers and government officials, one-to-one investor matchmaking services and exclusive oil and gas market forecasts.

Amid first LNG exports and revitalized oil production, the Republic of Congo will host the inaugural forum on March 25-26, 2025, hosted by the Ministry of Hydrocarbons.

The dominance of gas-fired TPPs in the new capacity mix is primarily due to the efforts made by hydrocarbon-rich North African countries & Algeria, Egypt, Libya, Morocco and Tunisia where high availability of fossil fuel was the key factor in gas-fired generation development. The increase in gas-fired generation capacity in the five countries between 2000 and 2021 was 76.8 GW. Nigeria accounting for just under 3 per cent of global natural gas reserves added further 7.2 GW, and the remaining 3.6 GW (of 87.6 GW in Africa as a whole) came from all the other countries in the region.

In addition, China has invested in the construction of wind (the 153 MW Adama Wind Farm II in Ethiopia) and solar generators (the 55 MW Garissa solar power plant in Kenya) and in hydropower projects, including the 750 MW Kafue Gorge Lower HPP (Zambia), the 140 MW Gouina HPP (Mali) and the 240 MW Kaleta HPP (Guinea).

While hydropower accounted for 9 % in the power capacity growth in Africa between 2000 and 2021, the total share of solar and wind (excluding biomass) reached 13 %. The region's leader in this energy segment is South Africa, where 9.4 GW of solar and wind generators were commissioned during this period. As a result, the total share of wind and solar in the power generation mix in South Africa, which was close to a statistical error in 2000, reached 6.7% in 2021 and 7.5% in 2022 (against 4.6% in Africa as a whole).

New capacity commissioning ensured an electricity consumption increase: while in 2000, it was 417.9 TWh, in 2021 & 834.2 TWh. An increase of just under 416 TWh is equivalent to 30% of Central and South America's annual electricity generation (1,364.8 TWh in 2021, according to the BP World Energy Review). This growth will continue in the coming years. By mid-2023, the capacity of power plants under



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construction in Africa had reached 28.8 GW, including the three El Dabaa nuclear reactors.

A new report on access to electricity from the World Bank and other institutions fear that Malawi and other countries are off track on Sustainable Development Goal (SDG) Number 7.

The report titled Tracking SDG 7: The Energy Progress Report, released June 1 2022, places Malawi among the top 20 access-deficit countries on electricity, as only 11 percent of the population is connected to the national grid.

The organisations have since challenged Malawi to scale up efforts to integrate universal energy access into national energy transition plans, but also call for radical actions to accelerate the increase of international public financial flows.

The country requires 1 000 megawatts (MW), but the Electricity Generation Company (Egenco) Limited has a total installed generation capacity of 441.95MW, with 390.55MW from hydro power plants and 51.4MW from thermal power plants.

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