ŁOTWA SYSTEM

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Overview

What are the methods of wind energy assessment in Ethiopia?

The first one, part of the Ethiopian National Energy Commission report (ENEC, 1986) employed most of the standard wind energy assessment methods. Data from 39 stations with three wind measurements per day (06:00, 12:00, 18:00), over the period 1971-1978, were used.

What is the wind energy potential of Ethiopia?

Although the north-eastern and eastern half of Ethiopia still have the maximum wind energy potential, and values can exceed 6.0 kWh m-2 towards the far eastern border and the southern Red Sea coast, values are typically lower than in January and April.

Are Ethiopia's energy ambitions regional?

Ethiopia’s energy ambitions are increasingly regional in scope, as electricity exports have generated $220 million in revenue within just nine months—double the earnings recorded during the same period last year.

How will Ethiopia diversify its energy mix?

Looking ahead, Ethiopia is set to further diversify its energy mix by scaling up solar and geothermal projects, complementing its strong hydropower and wind investments. The government is also focusing on strengthening public-private partnerships to accelerate project implementation and attract global expertise.

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