

Energy Interconnection in Senegal



Overview

Senegal is rapidly advancing its energy transition through large-scale infrastructure, regional gas integration and ambitious electrification goals. As part of the Just Energy Transition Partnership, Senegal has committed to bold reforms to increase renewable. The International Renewable Energy Agency (IRENA) is an intergovernmental organisation that supports countries in their transition to a sustainable energy future, and serves as the principal platform for international co-operation, a centre of excellence, and a repository of policy, technology. Electricity can be generated in two main ways: by harnessing the heat from burning fuels or nuclear reactions in the form of steam (thermal power) or by capturing the energy of natural forces such as the sun, wind or moving water. With an electricity access rate of 84% and a target of universal access by this year, the country is investing in renewable energy, modern gas. The Just Energy Transition Partnerships (JETPs) bring donor countries together with ambitious emerging and developing countries to achieve the 1.5°C target of the Paris Agreement. In order to accomplish the ambitious JETP climate targets, the partner countries work with the G7 and other donors to. While electricity generation costs range from 34 to 38 cents per kilowatt hour, consumers pay roughly 24 cents per kilowatt hour with the difference covered by government subsidies.

Article Content

Least-cost electrification pathways for Senegal by 2030: A nationwide ...

Senegal, located in West Africa, has a diverse energy landscape characterized by a mix of grid-connected and off-grid electrification solutions. Despite significant progress in expanding

Sustainable development powered by renewables: Senegal

Senegal has made notable progress in expanding its power system, increasing installed capacity from around 500 megawatts (MW) in 2004 to almost 2 gigawatts (GW) in 2024, and integrating renewable

Energy in Senegal

Energy is produced by private operators and sold to the Senelec energy corporation. According to a 2020 report by the International Energy Agency, Senegal had

Senegal Energy Outlook - Analysis

Senegal Energy Outlook - Analysis and findings. An article by the International Energy Agency.

Senegal's Power Push: An Overview of Major Energy

Aiming for universal energy access by 2025, the Senegal government is moving ahead with multiple power plant projects. These plants will transition to

5 Projects Powering Senegal's Energy Transition

Senegal is rapidly advancing its energy transition through large-scale infrastructure, regional gas integration and ambitious electrification goals.

PATHWAYS TO ENERGY TRANSITION Senegal

Senegal's EITI Multi-Stakeholder Group could draw on production and revenue data from these projects to support planning and analysis on the economic implications of the Gas-to-Power Strategy.

Senegal closing on universal electricity access

With a national electricity access rate of 84%, Senegal is making progress towards universal energy access, yet more than 30 % of rural

Senegal's energy infrastructure map | African Energy

Revised January 2025, this map provides an overview of energy infrastructure across Senegal. Oil and gas blocks that are open and licensed are shown, with block

Just Energy Transition Partnership (JETP) with Senegal

To advance the JETP quickly, Senegal has identified fast-track projects with its partners and already launched them at the World Climate Conference in 2023. Germany is financing two projects via KfW

Renewable Senegal

Senegal is a country with abundant renewable resources. The national strategy for an “Emerging Senegal” charts a path to become a middle-income country by 2035. This report provides

World Bank Document

As industrial electricity demand in Senegal is largely dominated by Small and Medium Enterprises (SMEs), creating appropriate regulation and incentives for small-scale, decentralized investments in

Energy Sub-Saharan Africa Programme in Senegal

Senegal's electricity generation dependent imported petroleum products. reduce dependency energy security, country resources transition power generation natural Senegal pursuing new renewable

Senegal's Plan for Universal Electricity Access by 2030

Senegal launches its National Energy Pact to provide universal electricity by 2030. Learn how this plan aims to connect every household and

Energy in Senegal

Senegal electricity production by source As of April 2020, the energy sector in Senegal has an installed capacity of 1431 megawatts (MW). Energy is

Renewable energy transition in Senegal? Exploring the dynamics of ...

Senegal is an instructive country to study, as its energy sector is undergoing substantial reform that has accelerated the deployment of large-scale renewable energy projects in recent years.

Empowering Senegal's Energy Landscape: A Closer Look at Key

Senegal is progressing with power plants projects, transitioning many to gas to achieve universal energy access by 2025.

Local and national electricity planning in Senegal: Scenarios and ...

From either the perspective of public or private energy provision in Senegal, our tool can help planners analyze the issues of electricity-distribution network planning at either national or local

Senegal closing on universal electricity access

The Senegal Energy Access Scale-Up Project is building and rehabilitating nearly 4,000 kilometers of power lines and will bring electricity to

Strong energy foundations support Senegal's ambitious

This partnership could mobilise up to EUR 2.5 billion to support Senegal's efforts to achieve universal energy access and strengthen a resilient,

Senegal Energy transition

40% of renewable energy by 2030 June 2023 :Senegal has just secured some financing to accelerate its energy transition at the summit for a new global financial pact in Paris.

Senegal 2023 - Analysis

This Energy Policy Review was prepared in collaboration between the government of Senegal and the IEA, whose strong partnership achieved an

Executive summary - Senegal 2023 - Analysis

Senegal 2023 - Analysis and key findings. A report by the International Energy Agency.

Contact Us

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