



West Africa Medium and Large Integrated Power Supply Model

The West African Power Pool (WAPP) was established to harness available energy resources in the region to benefit all of its member countries to deliver sustainable and competitive electricity.

In this study, we develop a multi-regional economic dispatch model of the West African power system, and quantify the impact of increasing cross-border electricity trading and renewable ...

The World Bank Group's regional integration approach in the energy sector in Africa supports the development of more efficient and resilient regional ...

Developing clear and measurable standards to harmonize electricity planning and operation of pooled electric systems in ECOWAS Member States. The West ...

The EREP model is a medium and long term energy planning model for the region that optimizes supply to meet a given demand. Special attention has been focused on the representation of renewable ...

Each step towards such transformative change is important, and this Outlook presents some immediate ones toward a more integrated regional power system: it proposes a transactions-driven approach ...

This report presents some of power system planning scenarios for the Economic Community of West African States (ECOWAS), which describe a long-term (i.e., until 2050) transition to a renewable ...

The modeling explores different combinations of supply technologies, transmission network development, and storage systems. On the supply side, two alternative pathways are ...

Drawing on lessons learned from successful power pools, ESMAP is funding the development of strategies for World Bank engagement with each power pool (West Africa, East ...

The West African Power Pool serves to support electrical integration in the region, thus improving reliability, imports and exports, and the cost competitiveness of different power sources.

Developing clear and measurable standards to harmonize electricity planning and operation of pooled electric systems in ECOWAS Member States. The West African Power Pool is a specialized agency ...

The World Bank Group's regional integration approach in the energy sector in Africa supports the development of more efficient and resilient regional electricity markets (power pools) ...



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