



# Senegal

Population: **15.85 million**  
GDP Growth (2017): **6.8%**  
GDP/Cap (PPP): **\$958.1**  
Ease of Doing Business: **140**

“The Cap des Biches financing agreement is tangible evidence of the power of Power Africa. It is by far the fastest project that I have ever worked on in Africa, and Power Africa made all the difference. This is the power of an idea that is embraced and sponsored by the United States.”

- Joseph Brandt, CEO Contour Global

## ENERGY SECTOR OVERVIEW

The Government of Senegal has made power sector development a key component of its *Plan Sénégal Emergent*, which aims to make Senegal an emerging economy by 2025. Priorities include lowering the cost of generation by reducing dependence on imported liquid fuels and increasing electricity access – particularly in rural areas. Senegal has significant potential to develop solar and wind power – as well as the opportunity to develop its offshore natural gas resources. The Government aims to achieve universal access by 2025 through a combination of on- and off-grid solutions, though the country’s rural concessions program faces significant hurdles.



### GENERATION CAPACITY

**Installed Capacity: 864 MW**

- Thermal: 733 MW
- Hydro: 60 MW
- Solar: 50 MW

**Power Africa New MW to Date**

- Reached Financial Close: 323 MW

**Power Africa 2030 Pipeline: 1,773 MW**



### CONNECTIONS

**Current Access Rate: 64%**

- Rural: 43.5% Urban: 90%

**Households without Power: 1.1 million**

- Target: Universal Access by 2025

**Power Africa New Connections to Date: 99,292**

## INVESTMENT AND ENABLING ENVIRONMENT

### Biggest Issues and Bottlenecks

1. Procurement processes
2. Lack of a creditworthy utility
3. Insufficient planning

### Power Africa Interventions

1. Building regulatory capacity
2. Training and capacity building for Senegal’s utility
3. Developing a gas sector master plan in collaboration with MCC and the Government of Senegal



## POWER AFRICA'S ENGAGEMENT IN SENEGAL

### MW GENERATION

Power Africa supports Senegal's power sector through a diverse set of financial and technical assistance. The Overseas Private Investment Corporation (OPIC) has helped finance key transactions including the Taiba N'Diaye wind plant, the Senergy 1 solar PV plant and the Cap des Biches thermal facility. USAID provides continuous transaction advisory support to help private sector developers and other stakeholders identify and advance investment opportunities. USAID also provided technical assistance to prepare an updated generation and transmission Master Plan in collaboration with the Ministry of Energy, Senelec, and other key stakeholders.

### CONNECTIONS

USAID is currently working with the Ministry of Energy to assess Senegal's rural electrification efforts to date and identify recommendations to accelerate access gains. USAID also provides continuous transaction advisory assistance to private sector off-grid companies and rural concession holders, helping to strengthen business models and expand services.

### SUCCESS STORY

With support from OPIC and USAID, several new power sector projects are already up and running in Senegal, including the Cap des Biches combined cycle thermal plant and the 29 MW Senergy 1 solar PV plant – currently the largest solar farm in West Africa. These projects are helping improve the availability and quality of power supply in Senegal.



Solar power is changing the lives of villagers in Sipane, Senegal  
(Photo: Xaume Olleros)

Off-grid companies like Oolu Solar are lighting up rural areas of Senegal for the first time. Since gaining access to high-quality solar home systems, villagers in the Thies region cite improved safety and household savings – and look forward to ultimately scaling-up to off-grid televisions and refrigerators.

### ABOUT POWER AFRICA

Power Africa is comprised of 12 U.S. Government Agencies, over 145 private companies, and 18 bilateral and multilateral development partners to support sub-Saharan governments by working together to increase the numbers of people with access to power. Power Africa's goal is to achieve 30,000 MW of new generated power and 60 million new connections by 2030 to reach 300 million Africans.

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