

POWER AFRICA GENERATION PROJECTS

AS OF DECEMBER 31, 2023

A U.S. government-led partnership, Power Africa harnesses the collective resources of the public and private sectors to double access to electricity in sub-Saharan Africa.

OUR GOALS



Add more than
30,000 MW
of cleaner and more reliable
electricity generation capacity



Connect
60 MILLION
new homes and businesses
to power by 2030

OUR PROGRESS SINCE 2013

14,252 MW
Financially Closed
152 transactions

8,000 MW
LightsOn!
104 transactions

41.9 MILLION
Connections
in 42 countries

202 MILLION
People
with new or improved electricity

The graph below represents the total # of financially closed projects, including the # of these projects that are commissioned and producing electricity.



WEST AFRICA

NIGERIA

12 4,030 MW | 5 1,206 MW

SENEGAL

10 803 MW | 8 335 MW

CÔTE D'IVOIRE

6 1,085 MW | 2 364 MW

GHANA

5 750 MW | 3 623 MW

LIBERIA

2 89 MW | 1 22 MW

MALI

2 140 MW | 1 90 MW

GUINEA

1 50 MW | 1 50 MW

CAMEROON

1 420 MW

BURKINA FASO

5 175 MW | 1 33 MW

CHAD

1 34 MW

BENIN

2 152 MW

NIGER

1 20 MW



SOUTHERN AFRICA

SOUTH AFRICA

38 3,180 MW | 38 3,243 MW

ZAMBIA

3 208 MW | 3 208 MW

MOZAMBIQUE

4 572 MW | 4 271 MW

MALAWI

4 113 MW | 4 113 MW

ANGOLA

7 369 MW | 1 37 MW

NAMIBIA

MAURITIUS

1 60 MW | 1 60 MW

ESWATINI

1 10 MW | 1 10 MW



EAST AFRICA

UGANDA

18 196 MW | 14 132 MW

KENYA

10 829 MW | 7 771 MW

TANZANIA

7 671 MW | 4 326 MW

RWANDA

7 190 MW | 5 54 MW

DJIBOUTI

1 60 MW

BURUNDI

2 9 MW | 1 8 MW

Power Africa Supports the Clean Energy Transition

Over half of the MW that have reached financial close are based on renewable energy.



SOLAR

2,713 MW
Financially Closed
Transactions: 57



WIND

2,506 MW
Financially Closed
Transactions: 23



BIOMASS

105 MW
Financially Closed
Transactions: 4



HYDRO

1,583 MW
Financially Closed
Transactions: 31



GEO THERMAL

291 MW
Financially Closed
Transactions: 4



HYBRID RE/RE

50 MW
Financially Closed
Transactions: 1



HEAVY FUEL OIL

316 MW
Financially Closed
Transactions: 6



GAS

6,607 MW
Financially Closed
Transactions: 25



PEAT

80 MW
Financially Closed
Transactions: 1

POWER AFRICA GENERATION PROJECTS BY COUNTRY

FINANCIALLY CLOSED | COMMISSIONED

MALI 140 MW

Heavy Fuel Oil
Albatros Energy
Solar
 Akuo

SENEGAL 803 MW

Natural Gas
 Malicounda
 West African Energy Cap
 des Biches Project

Solar
Scaling Solar I - Kahone
Scaling Solar I - Touba
Senergy I
Senergy 2
Ten Merina Ndakhar
Wind
Taiba N'Diaye Wind Farm
Heavy Fuel Oil
Cap des Biches
Cap des Biches Expansion

GUINEA 50 MW

Heavy Fuel Oil
Tè (Kipe) Power Project

CÔTE D'IVOIRE 1,085 MW

Natural Gas
Azito Power Plant Phase III
 Azito IV Expansion
CIPREL IV Expansion
 CIPREL V Expansion (Atinkou)
Hydro
 Singrobo-Ahouaty
Biomass
 Biovéa Aboisso

LIBERIA 89 MW

Hydro
 Mein River Hydro Pilot
Mount Coffee Hydropower
Plant Project

GHANA 750 MW

Natural Gas
Amandi Energy
Kpone Independent
Power Plant
Solar
BPA Hydro-Solar Hybrid
Project Phase I
 BPA Hydro-Solar Hybrid
 Project Phase II
Hybrid REIRE
 BPA Hydro-Solar Hybrid
 Project Phase IV

RWANDA 190 MW

Peat
 HQ Peat Power (Akanyaru)
Natural Gas
 Kivu 56
Solar
Gigawatt Global Agahozo-
Shalom Youth Village
Solar Project
Hydro
Gicye III
Keya
Rwaza Muko
Heavy Fuel Oil
Rwanda Thermal Project

BURKINA FASO 175 MW

Solar
 Dédougou Solar PV
Centrale solaire photo-
voltaique de Zagtoui
 Kodenii Solar PV
 Yeleen Solar Power
 Development Project
 Zano Solar PV Project

CAMEROON 420 MW

Hydro
 Nachtigal Amont
 Hydroelectric Project

BENIN 152MW

Natural Gas
 Maria Gleta
Solar
 Defissol

NIGER 20 MW

Solar
 Gorou Banda Solar PV

NIGERIA 4,030 MW

Natural Gas
Azura-Edo
Afam Power
 Egbin Power
 First Independent Power/Afam
 First Independent Power/Elema
 First Independent Power/Omok
 Sapele Power
Olorunsogo I
Omosho I
Ughelli Power
Hydro
 Kainji Power-Jebba Hydro Power
 Station (Privatized Asset)
 Kainji Power-Kainji Hydro Power
 Station (Privatized Asset)

ANGOLA 369 MW

Solar
 Lucapa Solar
 Bailundo
 Cuito Solar
 Luena Solar
 Saurimo Solar
 Benguela Solar
 Biopio Solar

ZAMBIA 208 MW

Hydro
Itezhi Tezhi
Solar
Scaling Solar Zambia
Round I-Bangweulu
Scaling Solar Zambia
Round I-Ngonye

CHAD 34 MW

Solar
 Djermaya Solar Project Phase I

UGANDA 196 MW

Biomass
 Scoul 2
Hydro
Achwa 2 HPP
Kyambura
Ndugutu SHP
Nkusi
 Nyamagasani I
Nyamagasani II
Lubilia Power Project
Muvumbe
Nyamwamba
Rwimi
Sindila/Butama SHP
Siti I
 Siti II
 SM Hydro Limited
Waki Power Project
Solar
Soroti I & II
Tororo South & North

ESWATINI 10 MW

Solar
 EEC Lavumisa

NAMIBIA 37 MW

Solar
 Hardap Solar

SOUTH AFRICA 3,180 MW

Solar
Aggeneys Solar
Bokamoso Solar Park
De Wildt Solar Park
Droogfontein 2 Solar Park
Dyason's Klip I
Dyason's Klip 2
Firefly Investments
Greefspan PV Power Plant II
Karoshhoek Solar One
Kathu Solar Park CSP
Kaxu Solar One
Konkoonsies II Solar
 Loeriesfontein Orange Solar
Sirius Solar PV Project One
Waterloo Solar Park
Xina Solar One
Zeerust Solar Park
Biomass
Ngodwana Energy Project
Hydro
Kruisvallei Hydro

KENYA 829 MW

Biomass
 Cummins Baringo
Wind
Kipeto
Lake Turkana
Solar
Malindi Solar
Eldosol Solar
Radiant Solar
Geothermal
 Olkaria I Unit 1-3 Geothermal Power
 Plant Rehabilitation
 Menengai-08 Devki Group
 (Sosian Energy)
KenGen Olkaria I, Unit 6
KenGen Olkaria V

DJIBOUTI 60 MW

Wind
 North Ghoubet Tadjoura

BURUNDI 9 MW

Solar **Hydro**
Mubuga **Ruyii 02**

TANZANIA 671 MW

Natural Gas
Kinyerezi I
 Kinyerezi I Expansion
Kinyerezi II
Hydro
 Luponde Hydropower Project
 Rusumo Hydropower Project
Tulila
Solar
Kigoma Solar Power

MOZAMBIQUE 572 MW

Natural Gas
Central Térmica de Ressano Garcia
(CTRG)*
Kuvinga Energia
 Sasol/EDM Temane Power Plant
 ((CTT) - Generation)
Solar
Metoro Solar PV
Mocuba

MALAWI 113 MW

Hydro
Nkula A Rehabilitation
Solar
Golomoti Solar
JCM Salima Solar
Nkhotakota Solar

MAURITIUS 60 MW

Heavy Fuel Oil
Redevelopment of St. Louis Power Station

79%

of financially closed transactions are based on renewable energy technologies

Cumulative data through December 2023

*Power Africa support provided post-financial close