

POWER AFRICA GENERATION PROJECTS

SEPTEMBER 2024

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

14,311 MW
Financially Closed
154 transactions

8,187 MW
LightsOn!
107 transactions

43.1 MILLION
Connections
in 42 countries

207.9 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 34 MW

CHAD

1 34 MW

BENIN

2 152 MW

NIGER

1 20 MW

TOGO

1 24 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 | 1 189 MW

NAMIBIA

1 37 MW

MAURITIUS

1 60 MW | 1 60 MW

ESWATINI

1 10 MW | 1 10 MW



EAST AFRICA

UGANDA

18 196 MW | 14 132 MW

KENYA

11 864 MW | 8 806 MW

TANZANIA

7 671 MW | 4 326 MW

RWANDA

7 190 MW | 6 110 MW

DJIBOUTI

1 60 MW

BURUNDI

2 9 MW | 1 8 MW

Power Africa Supports a Clean Energy Transition

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



SOLAR

2,737 MW
Financially Closed
Transactions: 58



WIND

2,506 MW
Financially Closed
Transactions: 23



BIOMASS

105 MW
Financially Closed
Transactions: 4



HYDRO

1,583 MW
Financially Closed
Transactions: 31



GEOHERMAL

326 MW
Financially Closed
Transactions: 5



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

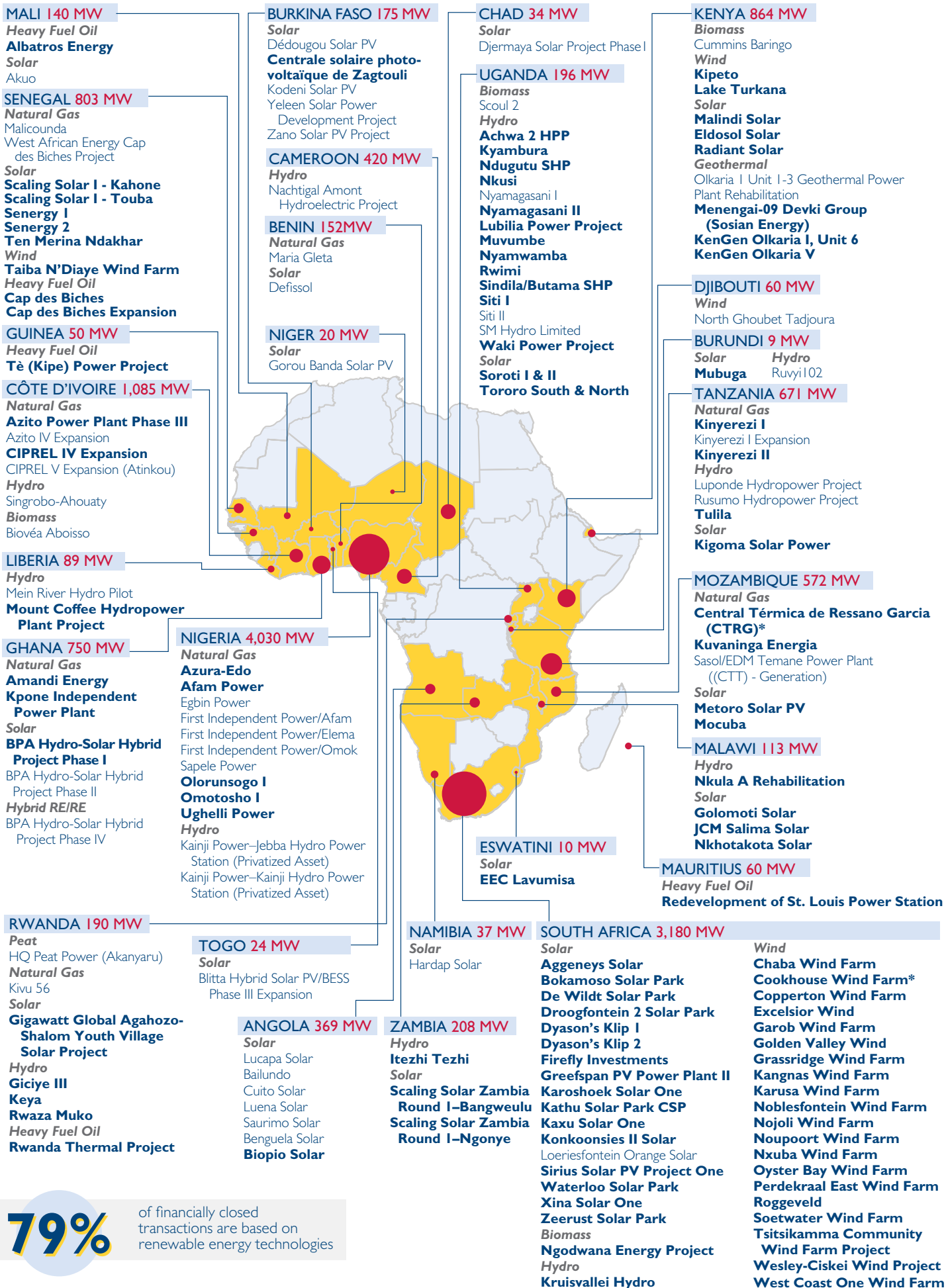


PEAT

80 MW
Financially Closed
Transactions: 1

POWER AFRICA GENERATION PROJECTS BY COUNTRY

FINANCIALLY CLOSED | COMMISSIONED



79%

of financially closed transactions are based on renewable energy technologies

*Power Africa support provided post-financial close