



ECOWAS SUSTAINABLE ENERGY FORUM ESEF 2024

Towards a Just Energy Transition in West Africa

Clean Energy Corridor and Storage Systems

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www.ecreee.org



1. ABOUT BPA



OUR MANDATE

- Established in **2007**
- Amended in **2020** to develop **Renewable and Clean energy resources**, aiming to **Decarbonize** Electricity market



VISION

- To become **LEADERS** in **Renewable and Clean energy resources**, industry in the sub-region.



OUR PORTFOLIO

Hydro Power Generation

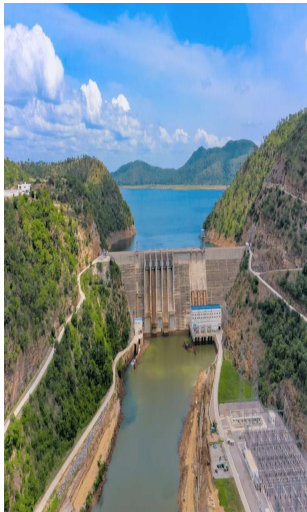
- BGS – 404MW Plant
- TGS– 120 kW Micro plant

Renewables

- Hydro Solar Hybrid – 250 MWp
- Floating Solar – 25MWp
- BESS – 30MWh
- GREEN Hydrogen Production
- Wind



2. BPA RE Projects Power Plants



**404 MW
Hydro
Power Plant**



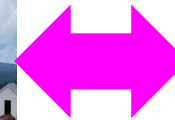
**5MW
Floating
Solar PV
Plant**



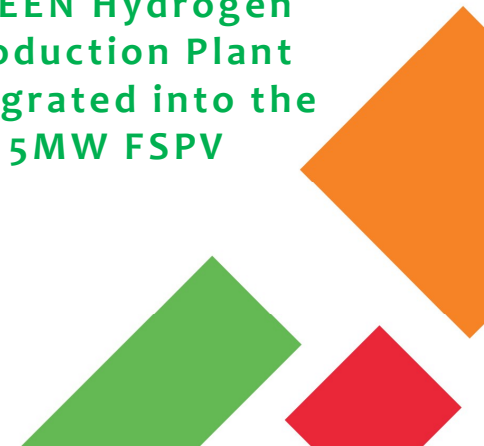
**50MW Land
Based Solar
PV Plant**



**30 MWh BESS
to Hybrid
Generation**



**GREEN Hydrogen
Production Plant
Integrated into the
5MW FSPV**



WAY FORWARD

2070 DECARBONIZATION STRATEGIES

- MORE RE PROJECTS
- HYDROGEN FUEL FOR TRANSPORTATION
- PROMOTE ELECTRIC VEHICLES

NETF NET ZERO TARGET 2070

- RENEWABLE ENERGY – 21,000MW
- 460MW/YEAR - NEXT 45 YEARS

Status W.R.T REMP Cycle 2 Target

- REMP Cycle II (2021-2025) TARGET –
- BPA (205 MW) : Nationwide 195 MW

Status as @ Mid 2024

- GRID CONNECTED
- BPA (55MW) : Nationwide (132.15MW)



NET ZERO TARGET 2070

