

GROUP ONE

Targets and Action plan

Renewable energy sources

- Solar
- Wind
- Wave
- Hydro

Total Installed Capacity

- The targeted total minimum installed capacity of about 3800 MW is considered realistic only if NDPC development is kept on track.
- The NDPC projection for total installed capacity of Ghana's electricity generation in 2030 is about 22,000 MW.
- The REMP document should therefore state the NDPC projection to justify the set RE target.

Solar Lanterns

- The projections should decline over time as access widens and power system becomes more stable.
- The set strategies were accepted

Rooftop/net metering Solar PV

- The target is realistic
- MiDA is also embarking on rooftop solar project for MDA's/MMDA's.
- This would affect the revenue of GRIDCo.
- GRIDCo should be consulted on the implementation .

Standalone Solar PV Systems

- The targeted figures should be verified
- The projected targets for micro grid and standalone Solar PV should be merged

Solar Traffic & Street Lights

- Target is realistic
- Page 5 (Figure 4) should be traffic/street lights
- Premiums paid to insurance companies should be paid to Govt. for the repairs of broken down street and traffic lights due to accidents

Solar Irrigation Systems

- The Target is low

Utility scale Solar

- The Target is realistic
- PPA should be extended to 25 years
- PPA should be standardized
- The land should be leased not outright purchase.
- The lease should be at a commercial value
- Portion should go into a fund to support the community.
- Developers should submit realistic CSR plan for the community and it must be binding
- There should be an associated cost with solar infrastructure

Wind Irrigation/water pumping

- The Target is realistic

Wind Utility scale

- The Target is realistic
- PPA should be extended to 25 years
- PPA should be standardized
- The land should be leased not outright Purchase.
- The lease should be at a commercial value
- Portion should go into a fund to support the community.
- Developers should submit realistic CSR plan for the community and it must be binding
- There should be an associated cost with wind infrastructure
- Wind studies should be conducted and sites secured
- Donor support should be deleted and replaced with government support and incentives

Standalone systems (including net-metering)

- The Target is realistic
- There would be a revenue loss to GRIDCo
- GRIDCo should be consulted

Targets for hydropower

- The target is realistic
- Attention should be paid to illegal mining activities in and around the water bodies.

Targets for Wave Energy

- The Target is realistic
- Government should collaborate with the private sector to develop wave energy since it has low generation cost .

Other developing Technologies

- Solar air conditioners and refrigerators should be considered and demonstration projects funded in the first cycle.
- Solar air conditioning features a very good matching between solar resource availability and cooling load.
- Elevated Solar structures such as solar greenhouse to economize land usage

Energy Efficiency

- Energy efficiency should be more prominent in the plan, it is cheaper to save power than to generate power

Energy Storage

- Energy storage should be encourage

THANK YOU
FOR YOUR
ATTENTION