



RENEWABLE ENERGY OUTLOOK IN TANZANIA

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Tanzania Energy

- ▶ Tanzania has abundant energy resources such as hydro, natural gas, coal, uranium, wind, geothermal, biomass, solar, tidal and waves.
- ▶ About 85% of the total primary energy supply in Tanzania comes from biomass (mainly firewood and charcoal), while other energy sources include petroleum (9.3%), electricity (4.5%), and other renewable energy sources (1.2%) [National Energy Policy 2015: Ministry of Energy and Minerals].



Electrification rate is 55% (Tanzania Mainland)

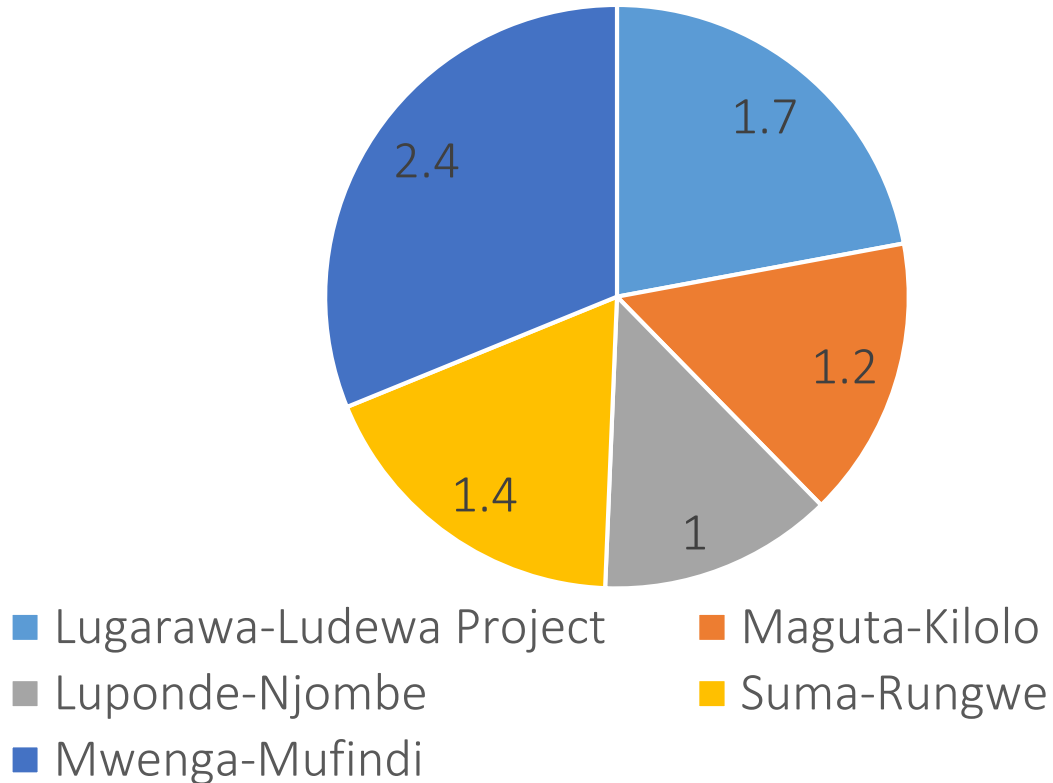
- Electrification by grid is 29% & Solar Photovoltaic is 26%
(Source: Household budget survey 2017/18, Tanzania NBS June 2019)
- 96% of Households in Tanzania use biomass for cooking.
- Fuel wood Consumption - 41,000mil tonnes,12,095mil tonnes used in producing 2720 mil tonnes of charcoal.
(Source:REN21-2016 EAC Renewable Energy Status Report).
- Biogas installed totals to 12,538 units (Source: REN21-2016 EAC Renewable Energy Status Report)
- Mini hydro: Two have connected to the grid (Mwenga (in Mufindi) and Andoya (Mbinga))



- Installed capacity increased to 1601.90 MW (2018/19) from 1517.47(2017/18).
- 36.18 MW come from Off grid solutions
- Electricity Generation from Renewable Energy call for tender of generating 150MW solar powered and 200MW wind powered completed and is to be developed in the year 2019/2022 later to be connected to the grid
- The gazetting of Electricity Development of Small power projects Rules of 2019 review by EWURA that took into consideration the set up of tariffs for projects that feed electricity to the grid as well as mini/micro grids. These rules shall help regulating the prices of electricity that were initially set by project developers
- For creating equal opportunity for both mainland and islands solar mini grids shall assist in the islands and the connection fee is set to be the same as the cost charged by the REA and TANESCO.



Power from mini-hydro and wind is expected to increase to 7.7MW





SE4ALL PROGRAM

Government has completed the Investment Prospectus as well as Action Agenda, Regionalization.

Prepared Gender Action Plan for Implementation of SE4All Initiatives as well as preparation of Information System to collect and manage data store on Renewable energy and continue to build capacity of Private sector in implementing renewable energy projects in the country



Thank you

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