

Should Afghanistan focus on renewables?

Focussing on renewables for domestic power generation, would ensure power generation and grid stability for its current and future energy needs, and would thus help Afghanistan achieve energy security.

What are the priority areas for low emission development in Afghanistan?

Development of renewable energy is also one of the priority areas for low emission development for Afghanistan (NAMA,2015) particularly in the context of energy access to rural communities to think and act beyond lighting energy.

Can non-concentrating solar thermal systems provide thermal energy in Afghanistan?

Given the requirement of hot-water (and low-grade heat) for domestic,community and commercial purposes throughout the year in Afghanistan,non-concentrating solar thermal systems (flat-plate or ETC) can play a critical role in providing thermal energy to these applications. Accordingly,Roadmap suggests a total target of 60 MW under this category

Can municipal solid waste be converted into energy in Afghanistan?

The conversion of municipal solid waste into energy is of strategic importance to Afghanistan considering the amount of solid waste generated in major municipalities. For instance,Kabul generates approximately 1600 tonnes of MSW daily. The first proposed pilot project for 6.0 MW in Kabul municipality is an encouraging initiative.

What are the applications of bio-energy in Afghanistan?

Applications of bio-energy such as waste to energy and biogas units are relevant to Afghanistan. Raw material (municipality waste) is available in the cities which can be utilized in the waste to energy projects for electricity generation. In remote areas,agricultural wastes are available that can act as a raw material for biogas plants.

Can biomass energy be used in Afghanistan?

Recently,some studies are under process for biomass energy projects in Kabul city and Balkh province under supervision of Kabul Municipality,Ministry of Urban development. Applications of bio-energy such as waste to energy and biogas units are relevant to Afghanistan.

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