Rural microgrids vanuatu

Rural microgrids vanuatu

Vanuatu"s contribution to the Global Greenhouse Gas (GHG) Emission is very minimal of 0.0016% (according to GHG inventory report for TNC); this potentially shows that the national Input of GHG emission is minimal but adversely impacted and most vulnerable to the risks of climate change. However, several commitments that Vanuatu is taking forward as part of addressing Climate Change Mitigation under the National Determined Contribution Implementation Roadmap (NDC - IR) contributes towards addressing Climate Change Mitigation in Vanuatu. The following are the key Renewable Energy and Energy Efficiency Projects currently implemented by the Government in Vanuatu.

Vanuatu Rural Electrification Project (VREP I) is aimed at increasing access to basic lighting and phone charging capabilities using subsidised 5watts and above "Plug and Play" solar systems.

VREP II will support SHS, micro and mini grids in rural areas, strengthen institutions, and increase business opportunities for the private sector for the supply decentralized electricity services. VREP II will transition from "plug and play" systems to more advanced SHS that require technical support, micro grids and mini grids where the latter can be supported on economic or piloting benefits. The project includes three components.

The objective of the Vanuatu Rural Electrification Project (VREP) is to scale up access to electricity services for rural households, aid posts and not-for-profit community halls located in dispersed off-grid areas.

There are number of Renewable Energy Projects and other energy related programs implemented by Department of Energy (DoE) that addresses Climate Change Mitigation; Visit DoE Website or specifically browse this site to view more on Renewable Energy Projects.

This project supports solar home systems (SHS), micro and mini grids in rural areas, strengthen institutions, and increase business opportunities for the private sector for the supply decentralized electricity services. This project has transitioned from "plug and play" systems to more advanced SHS that require technical support, micro grids and mini grids where the latter can be supported on economic or piloting benefits.

The project includes three components, which includes provision of solar home systems and micro grids in rural areas of Vanuatu, Construction of mini grids in rural areas of Vanuatu and Technical Assistance and Project management.

The retail price of diesel remains 183 VT/L. The retail price of benzene will be 200 VT/L, effective May 22, 2024.

The retail price of diesel has dropped by 9 VT/L to 174 VT/L effective June 20, 2024. There is no change for the retail price of petrol and remains at 200 VT/L.

The retail price for petrol has dropped by 8VT/L, from 200VT/L to 192VT/L, effective from July 5th, 2024. The retail price of diesel remains at 174VT/L.

The Vanuatu Rural Electrification Project (VREP) is a key initiative to achieve these goals and is undertaken by DOE. DOE is defined as the initiative"s Owner. VREP is being undertaken in two stages:

A number of communities will be selected via an endorsed selection criteria and invited by DOE to elect to host and benefit from a mini-grid under component II VREP II. As such, this is a demand-driven initiative: communities are to choose to benefit from the mini-grid systems. The Project will thus be implemented in partnership between the DOE and the recipient communities of the mini-grids. The mini grids under component II VREP II are also intended to be developed within the Environmental and Social Management Framework and the Resettlement Policy Framework prepared for DOE by the World Bank in December 2016 as part of VREP. The mini grids under component II VREP II are further intended to be developed within the World Bank"s overall Environmental and Social Safeguard Policies.