

o Informed by six principles: affordability; competitive neutrality; energy access for all; gender equity, equality, and empowerment; just transition; and renewable energy and sustainability o ...

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emissions from renewable power is calculated as renewable generation divided by fossil fuel generation multiplied by reported emissions from the power sector. This assumes that, if renewable power did not exist, fossil fuels would be used in its place to generate the same amount of power and using the same mix of fossil fuels. In countries and ...

Fiji Government is seeking to accomplish 99% renewable energy generation by 2030 from a 2013 baseline of 60% and aiming to achieve a 30% reduction in CO₂ emission from the energy sector over the same period.

Renewable Energy Consulting Assessment Criteria
oEffectiveness: How effective is the program at deploying plant that generate the expected amount of renewable electricity over a given timeframe?
oEfficiency: Is the program able to deliver renewable energy at low cost, and are there any other cost impacts?

Fiji has seen significant progress over the last ten years, especially in the area of access to modern energy and in increasing the share of renewable energy sources in electricity generation. New bio-fuel, wind, solar and hydropower plants have been

Fiji has resolved to improve its energy security and contribute to combatting climate change based on a balanced portfolio of indigenous renewable energy resources. The country's Renewables Readiness Assessment (RRA), undertaken in co-operation with the International

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o Promotes the scaling up of renewable energy to reduce the country's dependence on imported oil while improving energy security and affordability

The island nation of Fiji is strategically positioned with abundant solar energy resources that enable us with an opportunity to study and utilize renewable energy potentials. One such potential is the development of Hydro-Electric due to the vast mountainous terrain & formidable rivers that flow through mountains to the sea.

Fiji has untapped renewable energy resources such as hydro, wind, biomass, solar, and geothermal, which can



Fiji smart renewable energy

be used for energy generation. Opportunities exist for replacing fossil fuels used in ground transport through expanding the use of biofuels, hybrid, and electric vehicles, and for investments in small-scale renewable energy systems.

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understanding of how renewable energy technologies can help meet their energy policy goals. IRENA has already entered cooperation with Fiji and supported the compilation of an initial study "Renewable energy opportunities and challenges in the Pacific Islands region - Fiji" which has been published in August 2013.

NEP is a vehicle for supporting Fiji's broader renewable energy and sustainability objectives from both an economic and environmental standpoint and seeks to scale up renewable energy, alternative fuels, and overall supply and demand-side efficiency to ensure Fiji's resources and economic productivity



Fiji smart renewable energy

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