A regulatory framework for RE includes:

- To develop a Renewable Energy programme for Self-Generators.
- To set up the procurement processes for all new RE generation.
- To approve a compensation mechanism for Self-Generators and for utility-scale (high-power) generators.
- To facilitate stakeholder engagement.

The benefits of RE to a Self-Generator

- Reduces energy bills from the electricity utility company (GRENLEC).
- Increases self-reliance when used with storage (battery).
- Reduces the amount of carbon dioxide in the atmosphere.
- Self-Generator can sell surplus (excess) energy to the grid.

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PURC
PUBLIC UTILITIES REGULATORY COMMISSION

Renewable Energy (RE)

"THINGS YOU SHOULD KNOW"

What is Renewable Energy (RE)

Renewable Energy (RE) is energy that is generated from natural sources that never run out.

RE benefits:

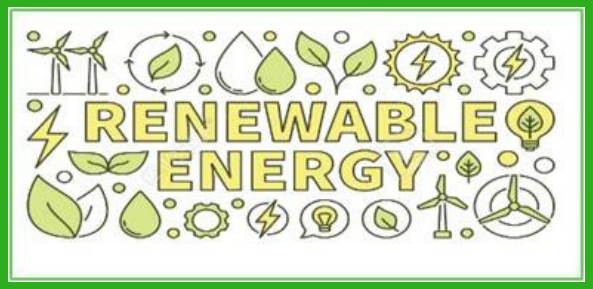
- Offers an environmentally friendly option to the greenhouse gas emissions and pollution of fossil fuels.
- Increases the sources of energy supply and reduces Grenada's dependence on imported fossil fuels to generate electricity.
- Fosters economic development and creates jobs in manufacturing and installation.

✓ Solar

✓ Wind

✓ Geothermal

✓ Hydro



*Status of RE in Grenada

- RE plants currently account for 2.8 megawatts (MW) of capacity, equivalent to 5% of the net generation on the system in Grenada.
- 1.8 MW of RE are owned by residents, government agencies and commercial entities operating in the country.
- Two of the largest consumer-owned RE facilities are installed at NAWASA's plants (270 KW) and TAMCC's Tanteen Campus (205 KW).

Aerial view of TAMCC's solar energy installation

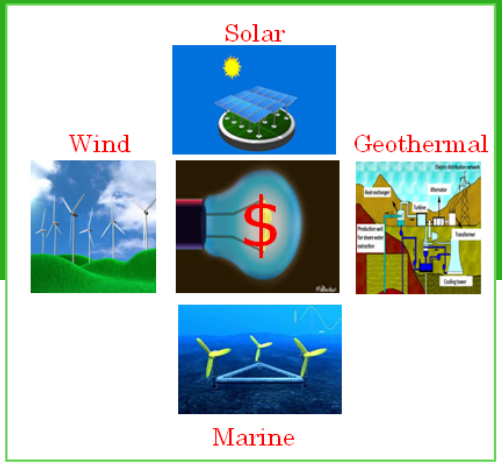
Grenada's commitment to RE

The Government of Grenada has committed to reducing greenhouse gas emissions by 30% of the 2010 levels by 2025 and has envisioned that 10% (≈27MW) of the reduction will come from RE generation.

PURC as an independent regulator for the electricity sector must facilitate the deployment and sustainable use of RE.

*Based on January, 2022 figures.

PURC and RE deployment.



The PURC is responsible for the following:

- The procurement process for all new RE generation capacity.
- Making recommendations to the Minister regarding the granting of licences and permits.
- The establishment of procedures for the determination of rates for the supply of excess electricity by an Independent Power Producer to a Network Licensee.
- The establishment of procedures for the determination of rates for the provision of excess electricity by Self-Generators to a Network Licensee from their electricity generation capacity.
- The registration of all generators.