

Bermuda Better Energy Plan

Guidance on writing your consultation response

This document provides guidance on what topics to cover when responding to the Regulatory Authority of Bermuda (RAB) consultation on Bermuda's energy future. The guidance covers four main subject areas that the RAB are legally required to consider, however we encourage you to express your own views as well.

The RAB have made it clear that where possible, you should include or refer to evidence that supports your stated position. If you are concerned about climate change, for example, you could refer to the [IPCC's latest report](#).

1 – The 2016 Electricity Act

We believe that the Bermuda Better Energy Plan is more consistent with the purposes of the 2016 Electricity Act. The table below outlines why in more detail:

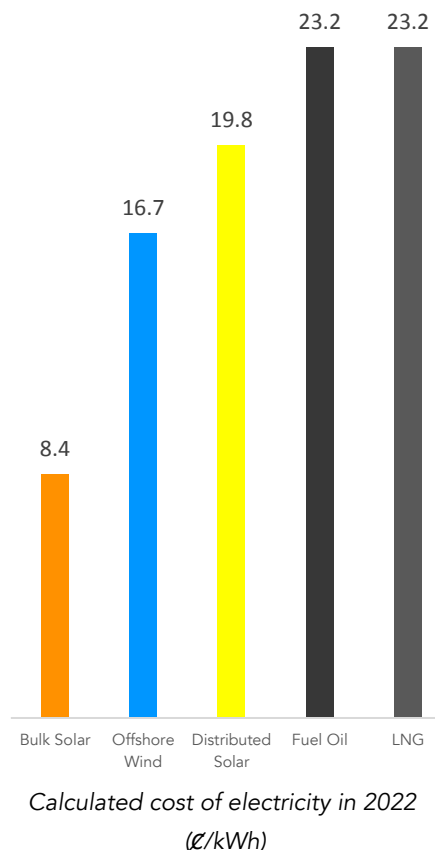
Purpose of the Electricity Act	How the Bermuda Better Energy Plan delivers:
1. Ensure the adequacy, safety, sustainability and reliability of electricity supply in Bermuda	✓ Solar and wind energy combined with energy storage and LPG offer a safe, sustainable and reliable solution
2. Encourage electricity conservation and the efficient use of electricity	✓ Includes robust estimates of the potential for energy conservation and efficiency. ✓ Electricity use reduces by 30%
3. Promote the use of cleaner energy sources and technologies	✓ Proposes 64% of electricity being provided by renewable energy from the sun and wind by 2038
4. Provide non-discriminatory interconnection to transmission and distribution systems	✓ Proposes ending discriminatory charges for solar systems connected to the grid
5. Protect the interests of end-users with respect to prices and affordability, and the adequacy, reliability and quality of electricity	✓ Uses the least-cost sources of energy: solar and wind ✓ Determines that small solar systems offer lower cost electricity than buying from the grid ✓ Recognises the cost of electricity from solar and wind is low, is stable and can be set by Bermuda ✓ Acknowledges that the cost of wind and solar is forecast to reduce
6. Promote economic efficiency and sustainability in the generation, transmission, distribution and sale of electricity	✓ Recognises that Bermuda has excellent solar and wind resources. Using them could keep millions of dollars a year in the local economy

2 – Ministerial Directions

The Bermuda Better Energy Plan is consistent with instructions issued to the Regulatory Authority of Bermuda by the Minister, which require priority for the least-cost provision of reliable electricity.

The costs of electricity generated from solar, wind, fuel oil and LNG have been carefully calculated in the plan. The results of these calculations clearly show that solar and wind technologies already offer the cheapest source of electricity for Bermuda. Their costs are forecast to decrease while the costs for fossil fuels are forecast to increase, meaning clean energy will save even more in the near future.

Our plan takes full advantage of solar and wind technologies, combining them with LPG¹ fuelled generators and battery storage to provide a reliable, sustainable and affordable supply of electricity.



3 – Proven Technology

The Bermuda Better Energy Plan uses mature renewable energy technologies such as solar and offshore wind, which already power some of the most successful nations in the world.

4 – Assumptions, methodology and conclusions

The Bermuda Better Energy Plan uses a range of carefully researched and clearly presented assumptions and methodologies to calculate the cost and carbon emissions associated with generating electricity from different technologies.

These are explained in more detail in the plan, and follow industry best practices to produce robust results on which the conclusions of the Bermuda Better Energy Plan are based.

¹ The Bermuda Better Energy Plan proposes the use of LPG in place of LNG generation as backup for renewables as it is a more flexible fuel that requires less capital investment.