



The current business and regulatory climate is not very conducive to stimulate Renewable Energy (see additionality section B5), therefore the alternative would be extension of the business as usual power generation. The expected reduction of Carbon Emissions using the latest available grid emission factor as published at the Ministry of Energy and Mining's website<sup>4</sup> of 732.4 kg/MWh, and the anticipated power generation of 55.1 GWh, would result in a reduction of carbon emissions of 40,355<sup>5</sup> tons per annum.

Besides the GHG mitigation the project provides several other benefits for Jamaica:

- Increase of employment: During construction it is anticipated that roughly 82% of the 146 people strong labour force needed would be Jamaican. During operations two additional full time jobs will be added to the Wigton Windfarm operations, thereby increasing technical capacity in the field of renewable energy by utilizing modern, pitch control wind technology.
- Reduction of the import of fossil fuel ADO and HFO of approximately 92,500 barrels/year
- Saving foreign exchange of about \$8.3 million/year (at \$102/bbl ADO and \$86/bbl HFO in line with the OUR expansion plan).
- Provide additional revenue for the farmers, as there are plans to open a renewable energy resource centre on the property, thereby increasing the traffic to the site and thus the ability of the farmers to sell their products.
- Provide additional revenue for the bauxite companies through the lease payments linked to the use of their land.
- Provides educational resource for the schools and universities by providing a real life example of a "large scale" renewable project in Jamaica.
- Fuel diversification and Energy security
- Wigton has a track record of supporting schools in the area as part of its social responsibility.