

**PERFORMANCE OF WIGTON WINDFARM LIMITED FOR FINANCIAL YEAR
2004/2005 AND FOCUS FOR FINANCIAL YEAR 2005/2006**

1.0 Purpose of Ministry Paper

This Ministry Paper is intended to inform Parliament and the public on the performance of Wigton Windfarm Limited (WWF) during the 2004/2005 Financial Year and its plans/focus for Financial Year 2005/2006.

2.0 Background

The wind farm is located at Wigton in Manchester. This is a new undertaking designed to diversify the country's energy mix. It was commissioned into operation in 2004/05.

2.1 Mission

The mission of Wigton Windfarm Limited is to provide and/or facilitate increased wind power and other renewable energy to generate electricity thereby diversifying Jamaica's energy mix.

2.2 Role and Functions

- Manage and operate the MW wind farm at Wigton, Manchester
- Supply wind power to the local grid at the most competitive rate
- Identify wind potential sites in Jamaica
- Analyze data from potential sites and ascertain the most feasible locations for expansion of wind power as a source of energy for Jamaica.

3.0 Priority Objectives

The policy priority of the Ministry of Commerce, Science and Technology (with Energy) as it relates to WWF is to:

- Expand the capacity output at the wind farm
- Partner with the Rural Electrification Programme (REP) to implement/supply solar energy to remote rural communities to which it is uneconomical to supply transmission line connections to the local grid.
- Finance the expansion of the Wigton site through joint venture partnership with the local private sector and or international investors.
- Pursue the financing of renewable energy initiatives by the REP through grant funding and or cheap institutional financing.

4.0 Budgetary Allocations for Financial Year 2004/2005

The budgetary allocation for the 2004/05 financial year was \$182.8M. Table 4.1 shows the breakdown by two categories - general administrative expenses and project expenses.

Table 4.1: Budgetary Allocation for Wigton Wind Farm (2004/05)

Purpose	Budgeted J\$'000
General Administrative Expenses: Inclusive of utilities, staffing, taxes, insurance, stationery, maintenance, professional fees, business charges, community outreach, board expenses and depreciation	92,376
Project Expenses: Including contracted services and purchases, research, seminars, regulatory fees and charges and promotions	90,405
Total	182,781

5.0 Performance/Achievement

The plant has technical capacity of 20.7MW of electricity. The average generation expected was in the region of 7 MW. On some occasions the plant exceeded this figure.

6.0 Strategic Objectives

- Providing lower cost electricity to the Jamaican market through the use of wind power and other renewable forms of energy.
- Collecting and analyzing wind data in Jamaica to identify potential locations for future wind farms.
- Utilization or recommending the use, of the most recent and affordable renewable energy technology for the Jamaican market.
- Targeting wider usage of renewable energy equipment in remote rural communities.

7.0 Targets and Budgets for 2005/06

- Realizing installed output capacity of 50MW of wind power between 2005 and 2008
- Installation of 10 kW from the usage of solar power/photovoltaic by 2006.

Table 7.1 shows the approved budget for the 2005/06 Financial Year.

Table 7.1: Budget for Financial Year 2005/2006

Purpose	Budgeted Ja\$'000
General Administrative Expenses: Inclusive of utilities, staffing, taxes, insurance, stationery, maintenance, professional fees, project management, business charges, community outreach, board expenses and depreciation	152,520
Project Expense: Including contracted services and purchases, research, seminars, feasibility studies, regulatory fees, finance charges and promotions.	41,504
Total	194,024

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