

# We invite you to a Town Hall Meeting on our proposed **Wind Turbine Project**

The Barbados Light & Power Company Limited invites you to attend a Town Hall meeting on **Saturday 24 February 2007** at the Phillipi Pentecostal Church, Josey Hill, St. Lucy from **6:30 p.m. to 8:30 p.m.** to discuss the Company's plans for a new wind powered electricity generating



station at Lamberts, St. Lucy.

This is a further opportunity for residents and other interested persons to share their views and to receive additional information on the project. Representatives from the Ministry of Energy and the Environment, the Barbados Association of Medical Practitioners and other stakeholders will also be in attendance.

For further information, please contact: Mr. Hallam Edwards at 417-3200 or Mr. Roger Blackman at 417-3279

## PREPARING FOR THE FUTURE... NOW!

BL&P -public session 150207 : 3cols x 5" : b&w / press

#### Town Hall Meeting to discuss the proposed Wind-powered Electricity Generating Station at Lamberts, St. Lucy held at Philipi Pentecostal Church, Josey Hill, St. Lucy on Saturday Feb 24, 2007 – 6.30 to 8.30 pm Moderator: Basil G.F. Springer Agenda

6.30 pm	Welcome & Opening Remarks	Dr. Basil Springer Recognise Dr Carlos Chase and other dignitaries Hon Dennis Kellman Minister Eastmond Minister Thompson	<ul> <li>Govt. renewable energy policy</li> <li>BLPC Windfarm Project for which they are seeking approval from the Town &amp; Country Planning Dept</li> <li>Environmental Impact Assessment</li> <li>Public Consultations Nov 2006</li> <li>Concerns of residents and other interested persons about the format of the consultation</li> <li>Further issues were addressed by the EIA consultants</li> <li>Structured Town Hall Meeting with presentation from 4 panellists</li> </ul>
6.40 pm	Overview of the Lamberts Windfarm Project	Mr. Roger Blackman, Snr Planning Engineer, BLPC	
6.50 pm	Government's Renewable Energy Policy	Mr. William Hinds, Min. of Energy & The Environment	
7.00 pm	Summary of Environmental Impact Assessment	Mr. Peter Rostern, Amec Consultants	
7.10 pm	Concerns of residents of Josey Hill	Mr. Leo Sobers / Ingram Cumberbatch	
7.30-8.30 pm	Interactive discussion between panellists and participants		
8.30 pm	Refreshments		



	Wind - A Valuable Natural Resource
•	Wind is the fastest-growing energy source in the world.
•	Global wind power capacity has tripled over the past five years, growing from 18,000 MW at the end of 2000 to more than 58,000 MW at the end of 2005.
•	A record 11,300 MW of new wind power capacity was installed worldwide in 2005.
•	There are more than 70,000 wind turbines installed worldwide.
•	The current generation of computer controlled turbines has been in production for over 20 years.
•	Turbines have now reached the stage where they are expected to be available to generate for over 90% of the year.























	Environmental Assessment
Assessment of E	ffects
<ul> <li>Aesthetics</li> <li>Ecological</li> <li>Air Quality</li> <li>Noise</li> <li>Traffic</li> <li>Groundwater</li> <li>Electromagnetic In</li> <li>Shadow Flicker</li> <li>Waste Disposal</li> <li>Accidents and Ma</li> </ul>	nterference Ilfunctions





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### Setback Examples

The second		Selback (metr
-enner/Stockbridge, NY	1.5 x structure height + rotor radius	114
Martinsburg, NY	300 feet (rear and side lot lines)	92
Contra Costa County, CA	3 x structure height or 500 feet, whichever greater from all boundaries	228
Cook County, MN	Tower height	50
Waco County, OR	5 x rotor diameter	130
National Wind Coordinatin	g Committee (NWCC)	
Permitting of Wind Energy	1 25 x total turbine beight	95
Contra Costa	3 x total turbine height	228
Kem	1.5 x total turbine height	114
Verced	1.25 x total turbine height	95
Nonterey	2 x total turbine height	152
Riverside	1.25 x to 3 x total turbine height	228
Solano	1.25 x total turbine height	95
Palm Springs	1.25 x total turbine height	95













			Noise
	Noise effects are and below 45 dB (equivalent to a c at the nearest dw wind speeds of 8	minimal A juiet room) relling at m/s.	на на ф11 ф12 ф13
•	At higher wind sp background sour increase at a gre than turbine nois	eeds, id levels ater rate e.	Ф13 Ф74 Ф75 Ф75 Ф76 Сселут Улябо Ф77 Ф78 Ф78
	Sound Source	Noise Level	• • • • • • • • • • • • • • • • • • •
	-	(dBA)	<b>⊕</b> T10
	Quiet Room	50	AT
	Room with people talking	57 - 65	
	Office (air conditioned)	55 - 60	
	Dance Hall with music	80 - 100+	COLLWS
	Truck passing	80 - 85	45
	Frogs at night	90 - 100	No. No.























Questions?	

