



Acoustical Society
of
America

GREATER BOSTON CHAPTER

MAY 20, 2010

MEETING NOTICE

LOW FREQUENCY SOUND AND INFRASOUND FROM WIND TURBINES

PRESENTERS

Robert O'Neal, Epsilon Associates
Robert Hellweg, Epsilon Associates
Richard Lampeter, Epsilon Associates

DESCRIPTION:

A common issue raised with wind energy developers and operators of utility-scale wind turbines is whether the operation of their wind turbines may create unacceptable levels of low frequency noise and infrasound. In order to answer this question, one of the major wind energy developers commissioned a scientific study of their wind turbine fleet. The study consisted of three parts: 1) a world-wide literature search to determine unbiased guidelines and standards used to evaluate low frequency sound and infrasound, 2) a field study to measure wind turbine noise outside and within nearby residences, and 3) a comparison of the field results to the guidelines and standards.

The study concludes that there should be no adverse effects from infrasound or low frequency noise at distances greater than 305 meters from wind farms with the wind turbine types measured.

Details of the study will be presented at the GBC/ASA meeting.

DATE:

Thursday, May 20, 2010

TIME & PLACE:

6:30 PM – Refreshments and Pizza
7:00 PM – Presentation

PARKING:

Acentech Inc
33 Moulton St
Cambridge MA 02138

PARKING:

Street parking available on Moulton Street.

PUBLIC TRANSPORTATION:

Red Line to Alewife.

For more detailed directions please see:

<http://www.acentech.com/company/contact-us.html>

COST:

The meeting is free and GBC/ASA members are encouraged to invite interested colleagues and friends of the chapter to attend.

