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**State of Vermont
Public Service Board
MEMORANDUM**

To: Members of the Interagency Committee on Administrative Rules
From: Kevin Fink, Policy Analyst, Vermont Public Service Board
Date: March 1, 2017
Subject: Proposed Rule Entitled "Rule on Sound Levels from Wind Generation Facilities"

Due to the lengthy content and technical nature of a number of the standards incorporated by reference in the Public Service Board ("Board") proposed rule entitled "Rule on Sound Levels from Wind Generation Facilities", the Board has not included copies of each of the incorporated standards for each member of the committee. In lieu of such inclusion, a description of the standards proposed to be incorporated is provided below. In addition, the Board is happy to provide a copy of text of the standards if needed.

ISO 9613-2:1996: ISO 9613.2 provides a methodology for modeling the attenuation of sound from a source in order to predict sound levels at various distances from that source.

ANSI S1.13, Annex A: This standard provides a measurement protocol used to identify whether a sound results in prominent discrete-frequency tones.

IEC 61400-11: This standard prescribes measurement procedures that standardize the process for measuring the sound power level of a wind turbine facility at the source.

American National Standard Specifications for Sound Level Meters, ANSI S1.4: This standard sets requirements for the accuracy of sound level meters used in sound monitoring.

IEC 61672-1: This standard also establishes accuracy requirements for sound level meters.

American National Standard Specification for Octave-Band and Fractional Octave-Band Analog and Digital Filters, ANSI S1.11: This standard establishes requirements for measuring the tonal quality of sound using filters within specified frequencies.

IEC 61260: This standard prescribes requirements for the periodic testing of octave-band and fractional-octave-band filters used to measure the tonal quality of sound.

American National Standard Specification for Acoustical Calibrators, ANSI S1.40: This standard prescribes performance requirements for acoustical calibrators used to confirm the accuracy of acoustical measurement instruments.