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**SUBSTITUTE HOUSE BILL 1243**

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**State of Washington**

**58th Legislature**

**2003 Regular Session**

**By** House Committee on Technology, Telecommunications & Energy  
(originally sponsored by Representatives Sullivan, Wood, Crouse,  
Morris and Schoesler)

READ FIRST TIME 02/07/03.

1       AN ACT Relating to a biodiesel pilot project; adding new sections  
2 to chapter 28A.160 RCW; and providing an expiration date.

3 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

4       NEW SECTION. **Sec. 1.** A new section is added to chapter 28A.160  
5 RCW to read as follows:

6       The legislature recognizes that using biodiesel in place of, or  
7 blended with, petroleum diesel reduces emissions of carbon monoxide,  
8 hydrocarbon, particulates, and air toxics from diesel engines. It  
9 further recognizes that ultra low sulfur diesel, along with retrofit  
10 devices, significantly reduces fine-particle, hydrocarbon, and nitrogen  
11 oxide emissions from diesel engines. The United States environmental  
12 protection agency's new emission standards requiring the use of ultra  
13 low sulfur diesel take effect June 1, 2006, and ultra low sulfur diesel  
14 requires the addition of a lubricant to counteract premature wear of  
15 injection pumps. The legislature further recognizes that biodiesel  
16 reduces harmful emissions in addition to providing the needed lubricity  
17 to ultra low sulfur diesel. It is the intent of the legislature to  
18 study the effects of using ultra low sulfur diesel with biodiesel.

1        NEW SECTION.    **Sec. 2.**    A new section is added to chapter 28A.160  
2    RCW to read as follows:

3        The superintendent of public instruction shall conduct a pilot  
4    project on the use of biodiesel with ultra low sulfur diesel in school  
5    buses powered by compression-ignition engines.    The pilot project must  
6    begin in September of 2003.

7        (1) The superintendent of public instruction shall select two  
8    school districts to participate in the project.    School districts  
9    located in a geographic area listed by the environmental protection  
10   agency as an area of concern for pollution emissions must receive first  
11   consideration for the project.

12       (2) Each school district selected for the pilot project shall meet  
13   the following requirements:

14       (a) During the 2003 school year, at least twenty-five percent of  
15   the school bus fleet, or a total of not less than ten buses, must be  
16   fueled with ultra low sulfur diesel.    Emissions testing must be  
17   conducted before using ultra low sulfur diesel, and again after ultra  
18   low sulfur diesel has been in use for at least six months.

19       (b) During the 2004 school year, not less than seventy percent, or  
20   a total of not less than seven, of the buses fueled with ultra low  
21   sulfur diesel during the 2003 school year must be fueled with eighty  
22   percent ultra low sulfur diesel, by volume, and twenty percent  
23   biodiesel, by volume.    Emissions testing must be conducted not less  
24   than six months after adding biodiesel to the ultra low sulfur diesel.

25       (c) Issues related to the maintenance, including but not limited to  
26   fuel economy, changes in fuel filters, and other maintenance issues  
27   related to the use of ultra low sulfur diesel and biodiesel must be  
28   recorded.

29       (3) The superintendent of public instruction shall submit a report  
30   of findings to the legislature by September 1, 2005.

31       NEW SECTION.    **Sec. 3.**    A new section is added to chapter 28A.160  
32   RCW to read as follows:

33       The definitions in this section apply throughout sections 1 and 2  
34   of this act unless the context clearly requires otherwise.

35       (1) "Biodiesel" means a mono alkyl ester of long chain fatty acids  
36   derived from vegetable oils or animal fats for use in compression-

1 ignition engines and that meets the requirements of the American  
2 society of testing and materials specification D 6751 in effect as of  
3 January 1, 2003.

4 (2) "Ultra low sulfur diesel" means petroleum diesel in which the  
5 sulfur content is not more than thirty parts per million.

6 NEW SECTION. **Sec. 4.** Sections 1 through 3 of this act expire  
7 September 1, 2005.

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