



transportation fuels to be used to determine compliance with the reduction standard, ranging from 1.00 for gasoline to 0.12 for cellulosic ethanol. The 2005 fuel mix is to be used as a baseline against which to measure carbon intensity reductions.

**Subd. 4. Alternative carbon intensity value.** Authorizes the commissioner to approve a carbon intensity value different from those in subdivision 3 if a responsible party demonstrates by a preponderance of scientific evidence that those values are inappropriate for the responsible party. This requirement is deemed to be met if the alternative value is calculated by use of a specific model developed by the Argonne National Laboratory.

**Subd. 5. Modifying carbon intensity values.** Specifies how the commissioner can, after June 30, 2011, propose to the legislature changes in carbon intensity values, after consulting scientific and academic experts and determining that reliable estimates of indirect carbon inputs can be developed.

**Subd. 6. Reporting.** Requires responsible parties to report to the commissioner annually, beginning in 2011, on activities it has taken or plans to take to comply with the reduction standard.

**Subd. 7. Compliance; penalty.** Authorizes the commissioner, beginning in 2014, to order a responsible party to comply with the reduction standard, and specifies that fines may be imposed equal to the cost of achieving compliance.

**Subd. 8. Rules.** Requires the commissioner to adopt rules to implement this section by December 10, 2010.