

**WAC 173-407-140 Calculating greenhouse gas emissions and determining compliance for a baseload electric generation facility or unit under Part II.** (1) The owner or operator of a baseload electric generation facility or unit must collect the following data to demonstrate compliance with the GHG EPS in WAC 173-407-130:

(a) The usage and heat content of fuels and fuel feed stocks that provide energy input to the baseload electric generation facility or unit. The facility must monitor and report these data as directed by WAC 173-407-160.

(b) Electrical output in MWh as measured and recorded per WAC 173-407-160.

(c) Regulated GHG emissions in pounds/MMBtu from the baseload electric generation facility or unit as monitored, reported and calculated in WAC 173-407-160.

(d) Adjustment for use of renewable resources. If the owner or operator of a baseload electric generation facility or unit adjusts its GHG emissions to account for the use of renewable resources, GHG emissions are reduced based on the ratio of the annual heat input from renewable resources and the annual heat input from all fuels and fuel feed stocks. The facility owner or operator must base this adjustment on records of fuel usage and representative heat contents approved by ecology.

(e) Adjustment for sequestered GHG emissions. A facility owner or operator can subtract the quantity of GHG emissions that are permanently sequestered through an approved sequestration method(s) during the calendar year from the total pounds of GHG emitted during that year.

(2) By January 31st of each year, the owner or operator of a baseload electric generation facility or unit subject to the compliance demonstration requirements of Part II and Part III of this rule must:

(a) Use the data collected under subsection (1) of this section to calculate the pounds of regulated GHG emissions emitted per MWh of electricity produced during the prior calendar year by dividing the total regulated GHG emissions in pounds by the total electricity produced in MWh in that year; and

(b) Submit that calculation and all supporting information to ecology.

[Statutory Authority: Chapter 80.80 RCW. WSR 18-05-091 (Order 16-12), § 173-407-140, filed 2/21/18, effective 3/24/18; WSR 08-14-011 (Order 07-11), § 173-407-140, filed 6/19/08, effective 7/20/08.]