

<sup>2</sup>Reporters subject to subpart X of this part that are complying with § 98.243(d) or subpart Y of this part may only use the default HHV and the default CO<sub>2</sub> emission factor for fuel gas combustion under the conditions prescribed in § 98.243(d)(2)(i) and (d)(2)(ii) and § 98.252(a)(1) and (a)(2), respectively. Otherwise, reporters subject to subpart X or subpart Y shall use either Tier 3 (Equation C-5) or Tier 4.

[74 FR 56374, Oct. 30, 2009, as amended at 75 FR 79153, Dec. 17, 2010]

TABLE C-2 TO SUBPART C OF PART 98—DEFAULT CH<sub>4</sub> AND N<sub>2</sub>O EMISSION FACTORS FOR VARIOUS TYPES OF FUEL

Fuel type	Default CH <sub>4</sub> emission factor (kg CH <sub>4</sub> /mmBtu)	Default N <sub>2</sub> O emission factor (kg N <sub>2</sub> O/mmBtu)
Coal and Coke (All fuel types in Table C-1)	1.1 × 10 <sup>-02</sup>	1.6 × 10 <sup>-03</sup>
Natural Gas	1.0 × 10 <sup>-03</sup>	1.0 × 10 <sup>-04</sup>
Petroleum (All fuel types in Table C-1)	3.0 × 10 <sup>-03</sup>	6.0 × 10 <sup>-04</sup>
Municipal Solid Waste	3.2 × 10 <sup>-02</sup>	4.2 × 10 <sup>-03</sup>
Tires	3.2 × 10 <sup>-02</sup>	4.2 × 10 <sup>-03</sup>
Blast Furnace Gas	2.2 × 10 <sup>-05</sup>	1.0 × 10 <sup>-04</sup>
Coke Oven Gas	4.8 × 10 <sup>-04</sup>	1.0 × 10 <sup>-04</sup>
Biomass Fuels—Solid (All fuel types in Table C-1)	3.2 × 10 <sup>-02</sup>	4.2 × 10 <sup>-03</sup>
Biogas	3.2 × 10 <sup>-03</sup>	6.3 × 10 <sup>-04</sup>
Biomass Fuels—Liquid (All fuel types in Table C-1)	1.1 × 10 <sup>-03</sup>	1.1 × 10 <sup>-04</sup>

**Note:** Those employing this table are assumed to fall under the IPCC definitions of the “Energy Industry” or “Manufacturing Industries and Construction”. In all fuels except for coal the values for these two categories are identical. For coal combustion, those who fall within the IPCC “Energy Industry” category may employ a value of 1g of CH<sub>4</sub>/mmBtu.

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**Subpart D—Electricity Generation**

**§ 98.40 Definition of the source category.**

(a) The electricity generation source category comprises electricity generating units that are subject to the requirements of the Acid Rain Program and any other electricity generating units that are required to monitor and report to EPA CO<sub>2</sub> mass emissions year-round according to 40 CFR part 75.

(b) This source category does not include portable equipment, emergency equipment, or emergency generators, as defined in § 98.6.

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**§ 98.41 Reporting threshold.**

You must report GHG emissions under this subpart if your facility contains one or more electricity generating units and the facility meets the requirements of § 98.2(a)(1).

**§ 98.42 GHGs to report.**

(a) For each electricity generating unit that is subject to the requirements of the Acid Rain Program or is otherwise required to monitor and report to EPA CO<sub>2</sub> emissions year-round according to 40 CFR part 75, you must

report under this subpart the annual mass emissions of CO<sub>2</sub>, N<sub>2</sub>O, and CH<sub>4</sub> by following the requirements of this subpart.

(b) For each electricity generating unit that is not subject to the Acid Rain Program or otherwise required to monitor and report to EPA CO<sub>2</sub> emissions year-round according to 40 CFR part 75, you must report under subpart C of this part (General Stationary Fuel Combustion Sources) the emissions of CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O by following the requirements of subpart C.

(c) For each stationary fuel combustion unit that does not generate electricity, you must report under subpart C of this part (General Stationary Fuel Combustion Sources) the emissions of CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O by following the requirements of subpart C of this part.

**§ 98.43 Calculating GHG emissions.**

(a) Except as provided in paragraph (b) of this section, continue to monitor and report CO<sub>2</sub> mass emissions as required under § 75.13 or section 2.3 of appendix G to 40 CFR part 75, and § 75.64. Calculate CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O emissions as follows:

(1) Convert the cumulative annual CO<sub>2</sub> mass emissions reported in the fourth quarter electronic data report required under § 75.64 from units of