

Environmental Protection Agency

§ 97.142

§ 97.124 CAIR permit revisions.

Except as provided in § 97.123(b), the permitting authority will revise the CAIR permit, as necessary, in accordance with the permitting authority's title V operating permits regulations or the permitting authority's regulations for other federally enforceable permits as applicable addressing permit revisions.

Subpart DD [Reserved]

Subpart EE—CAIR NO_x Allowance Allocations

§ 97.140 State trading budgets.

The State trading budgets for annual allocations of CAIR NO_x allowances for the control periods in 2009 through 2014 and in 2015 and thereafter are respectively as follows:

State	State trading budget for 2009–2014 (tons)	State trading budget for 2015 and thereafter (tons)
Alabama	69,020	57,517
Delaware	4,166	3,472
District of Columbia	144	120
Florida	99,445	82,871
Georgia	66,321	55,268
Illinois	76,230	63,525
Indiana	108,935	90,779
Iowa	32,692	27,243
Kentucky	83,205	69,337
Louisiana	35,512	29,593
Maryland	27,724	23,104
Michigan	65,304	54,420
Minnesota	31,443	26,203
Mississippi	17,807	14,839
Missouri	59,871	49,892
New Jersey	12,670	10,558
New York	45,617	38,014
North Carolina	62,183	51,819
Ohio	108,667	90,556
Pennsylvania	99,049	82,541
South Carolina	32,662	27,219
Tennessee	50,973	42,478
Texas	181,014	150,845
Virginia	36,074	30,062
West Virginia	74,220	61,850
Wisconsin	40,759	33,966
Total	1,521,707	1,268,091

§ 97.141 Timing requirements for CAIR NO_x allowance allocations.

(a) The Administrator will determine by order the CAIR NO_x allowance allocations, in accordance with § 97.142(a) and (b), for the control periods in 2009, 2010, 2011, 2012, 2013, and 2014.

(b) By July 31, 2011 and July 31 of each year thereafter, the Administrator will determine by order the CAIR NO_x allowance allocations, in accordance with § 97.142(a) and (b), for the control period in the fourth year after the year of the applicable deadline for determination under this paragraph.

(c) By July 31, 2009 and July 31 of each year thereafter, the Administrator will determine by order the CAIR NO_x allowance allocations, in accordance with § 97.142(a),(c), and (d), for the control period in the year of the applicable deadline for determination under this paragraph.

(d) The Administrator will make available to the public each determination of CAIR NO_x allowances under paragraph (a), (b), or (c) of this section and will provide an opportunity for submission of objections to the determination. Objections shall be limited to addressing whether the determination is in accordance with § 97.142. Based on any such objections, the Administrator will adjust each determination to the extent necessary to ensure that it is in accordance with § 97.142.

§ 97.142 CAIR NO_x allowance allocations.

(a)(1) The baseline heat input (in mmBtu) used with respect to CAIR NO_x allowance allocations under paragraph (b) of this section for each CAIR NO_x unit will be:

(i) For units commencing operation before January 1, 2001 the average of the 3 highest amounts of the unit's adjusted control period heat input for 2000 through 2004, with the adjusted control period heat input for each year calculated as follows:

(A) If the unit is coal-fired during the year, the unit's control period heat input for such year is multiplied by 100 percent;

(B) If the unit is oil-fired during the year, the unit's control period heat input for such year is multiplied by 60 percent; and

(C) If the unit is not subject to paragraph (a)(1)(i)(A) or (B) of this section, the unit's control period heat input for such year is multiplied by 40 percent.

(ii) For units commencing operation on or after January 1, 2001 and operating each calendar year during a period of 5 or more consecutive calendar years, the average of the 3 highest amounts of the unit's total converted control period heat input over the first such 5 years.

(2)(i) A unit's control period heat input, and a unit's status as coal-fired or oil-fired, for a calendar year under paragraph (a)(1)(i) of this section, and a unit's total tons of NO_x emissions during a calendar year under paragraph (c)(3) of this section, will be determined in accordance with part 75 of this chapter, to the extent the unit was otherwise subject to the requirements of part 75 of this chapter for the year, or will be based on the best available data reported to the Administrator for the unit (in a format prescribed by the Administrator), to the extent the unit was not otherwise subject to the requirements of part 75 of this chapter for the year.

(ii) A unit's converted control period heat input for a calendar year specified under paragraph (a)(1)(ii) of this section equals:

(A) Except as provided in paragraph (a)(2)(ii)(B) or (C) of this section, the control period gross electrical output of the generator or generators served by the unit multiplied by 7,900 Btu/kWh, if the unit is coal-fired for the year, or 6,675 Btu/kWh, if the unit is not coal-fired for the year, and divided by 1,000,000 Btu/mmBtu, provided that if a generator is served by 2 or more units, then the gross electrical output of the generator will be attributed to each unit in proportion to the unit's share of the total control period heat input of such units for the year;

(B) For a unit that is a boiler and has equipment used to produce electricity and useful thermal energy for industrial, commercial, heating, or cooling purposes through the sequential use of energy, the total heat energy (in Btu) of the steam produced by the boiler during the control period, divided by 0.8 and by 1,000,000 Btu/mmBtu; or

(C) For a unit that is a combustion turbine and has equipment used to produce electricity and useful thermal energy for industrial, commercial, heating, or cooling purposes through

the sequential use of energy, the control period gross electrical output of the enclosed device comprising the compressor, combustor, and turbine multiplied by 3,413 Btu/kWh, plus the total heat energy (in Btu) of the steam produced by any associated heat recovery steam generator during the control period divided by 0.8, and with the sum divided by 1,000,000 Btu/mmBtu.

(iii) Gross electrical output and total heat energy under paragraph (a)(2)(ii) of this section will be determined based on the best available data reported to the Administrator for the unit (in a format prescribed by the Administrator).

(3) The Administrator will determine what data are the best available data under paragraph (a)(2) of this section by weighing the likelihood that data are accurate and reliable and giving greater weight to data submitted to a governmental entity in compliance with legal requirements or substantiated by an independent entity.

(b)(1) For each control period in 2009 and thereafter, the Administrator will allocate to all CAIR NO_x units in a State that have a baseline heat input (as determined under paragraph (a) of this section) a total amount of CAIR NO_x allowances equal to 95 percent for a control period during 2009 through 2014, and 97 percent for a control period during 2015 and thereafter, of the tons of NO_x emissions in the applicable State trading budget under §97.140 (except as provided in paragraphs (d) and (e) of this section).

(2) The Administrator will allocate CAIR NO_x allowances to each CAIR NO_x unit under paragraph (b)(1) of this section in an amount determined by multiplying the total amount of CAIR NO_x allowances allocated under paragraph (b)(1) of this section by the ratio of the baseline heat input of such CAIR NO_x unit to the total amount of baseline heat input of all such CAIR NO_x units in the State and rounding to the nearest whole allowance as appropriate.

(c) For each control period in 2009 and thereafter, the Administrator will allocate CAIR NO_x allowances to CAIR NO_x units in a State that are not allocated CAIR NO_x allowances under paragraph (b) of this section because

the units do not yet have a baseline heat input under paragraph (a) of this section or because the units have a baseline heat input but all CAIR NO_x allowances available under paragraph (b) of this section for the control period are already allocated, in accordance with the following procedures:

(1) The Administrator will establish a separate new unit set-aside for each control period. Each new unit set-aside will be allocated CAIR NO_x allowances equal to 5 percent for a control period in 2009 through 2014, and 3 percent for a control period in 2015 and thereafter, of the amount of tons of NO_x emissions in the applicable State trading budget under § 97.140.

(2) The CAIR designated representative of such a CAIR NO_x unit may submit to the Administrator a request, in a format specified by the Administrator, to be allocated CAIR NO_x allowances, starting with the later of the control period in 2009 or the first control period after the control period in which the CAIR NO_x unit commences commercial operation and until the first control period for which the unit is allocated CAIR NO_x allowances under paragraph (b) of this section. A separate CAIR NO_x allowance allocation request for each control period for which CAIR NO_x allowances are sought must be submitted on or before May 1 of such control period and after the date on which the CAIR NO_x unit commences commercial operation.

(3) In a CAIR NO_x allowance allocation request under paragraph (c)(2) of this section, the CAIR designated representative may request for a control period CAIR NO_x allowances in an amount not exceeding the CAIR NO_x unit's total tons of NO_x emissions during the calendar year immediately before such control period.

(4) The Administrator will review each CAIR NO_x allowance allocation request under paragraph (c)(2) of this section and will allocate CAIR NO_x allowances for each control period pursuant to such request as follows:

(i) The Administrator will accept an allowance allocation request only if the request meets, or is adjusted by the Administrator as necessary to meet, the requirements of paragraphs (c)(2) and (3) of this section.

(ii) On or after May 1 of the control period, the Administrator will determine the sum of the CAIR NO_x allowances requested (as adjusted under paragraph (c)(4)(i) of this section) in all allowance allocation requests accepted under paragraph (c)(4)(i) of this section for the control period.

(iii) If the amount of CAIR NO_x allowances in the new unit set-aside for the control period is greater than or equal to the sum under paragraph (c)(4)(ii) of this section, then the Administrator will allocate the amount of CAIR NO_x allowances requested (as adjusted under paragraph (c)(4)(i) of this section) to each CAIR NO_x unit covered by an allowance allocation request accepted under paragraph (c)(4)(i) of this section.

(iv) If the amount of CAIR NO_x allowances in the new unit set-aside for the control period is less than the sum under paragraph (c)(4)(ii) of this section, then the Administrator will allocate to each CAIR NO_x unit covered by an allowance allocation request accepted under paragraph (c)(4)(i) of this section the amount of the CAIR NO_x allowances requested (as adjusted under paragraph (c)(4)(i) of this section), multiplied by the amount of CAIR NO_x allowances in the new unit set-aside for the control period, divided by the sum determined under paragraph (c)(4)(ii) of this section, and rounded to the nearest whole allowance as appropriate.

(v) The Administrator will notify each CAIR designated representative that submitted an allowance allocation request of the amount of CAIR NO_x allowances (if any) allocated for the control period to the CAIR NO_x unit covered by the request.

(d) If, after completion of the procedures under paragraph (c)(4) of this section for a control period, any unallocated CAIR NO_x allowances remain in the new unit set-aside under paragraph (c) of this section for a State for the control period, the Administrator will allocate to each CAIR NO_x unit that was allocated CAIR NO_x allowances under paragraph (b) of this section in the State an amount of CAIR NO_x allowances equal to the total amount of such remaining unallocated CAIR NO_x allowances, multiplied by the unit's allocation

§97.143

40 CFR Ch. I (7–1–10 Edition)

under paragraph (b) of this section, divided by 95 percent for a control period during 2009 through 2014, and 97 percent for a control period during 2015 and thereafter, of the amount of tons of NO_x emissions in the applicable State trading budget under §97.140, and rounded to the nearest whole allowance as appropriate.

(e) If the Administrator determines that CAIR NO_x allowances were allocated under paragraphs (a) and (b) of this section, paragraphs (a) and (c) of this section, or paragraph (d) of this section for a control period and that the recipient of the allocation is not actually a CAIR NO_x unit under §97.104 in such control period, then the Administrator will notify the CAIR designated representative and will act in accordance with the following procedures:

(1) Except as provided in paragraph (e)(2) or (3) of this section, the Administrator will not record such CAIR NO_x allowances under §97.153.

(2) If the Administrator already recorded such CAIR NO_x allowances under §97.153 and if the Administrator makes such determination before making deductions for the source that includes such recipient under §97.154(b) for the control period, then the Administrator will deduct from the account in which such CAIR NO_x allowances were recorded under §97.153 an amount of CAIR NO_x allowances allocated for the same or a prior control period equal to the amount of such already recorded CAIR NO_x allowances. The CAIR designated representative shall ensure that there are sufficient CAIR NO_x allowances in such account for completion of the deduction.

(3) If the Administrator already recorded such CAIR NO_x allowances under §97.153 and if the Administrator makes such determination after making deductions for the source that includes such recipient under §97.154(b) for the control period, then the Administrator will apply paragraph (e)(1) or (2) of this section, as appropriate, to any subsequent control period for which CAIR NO_x allowances were allocated to such recipient.

(4) The Administrator will transfer the CAIR NO_x allowances that are not recorded, or that are deducted, in ac-

cordance with paragraphs (e)(1), (2), and (3) of this section to a new unit set-aside for the State in which such recipient is located.

§97.143 Compliance supplement pool.

(a) In addition to the CAIR NO_x allowances allocated under §97.142, the Administrator may allocate for the control period in 2009 up to the following amount of CAIR NO_x allowances to CAIR NO_x units in the respective State:

State	Compliance supplement pool
Alabama	10,166
Delaware	843
District of Columbia	0
Florida	8,335
Georgia	12,397
Illinois	11,299
Indiana	20,155
Iowa	6,978
Kentucky	14,935
Louisiana	2,251
Maryland	4,670
Michigan	8,347
Minnesota	6,528
Mississippi	3,066
Missouri	9,044
New Jersey	660
New York	0
North Carolina	0
Ohio	25,037
Pennsylvania	16,009
South Carolina	2,600
Tennessee	8,944
Texas	772
Virginia	5,134
West Virginia	16,929
Wisconsin	4,898
Total	199,997

(b) For any CAIR NO_x unit in a State, if the unit's average annual NO_x emission rate for 2007 or 2008 is less than 0.25 lb/mmBtu and, where such unit is included in a NO_x averaging plan under §76.11 of this chapter under the Acid Rain Program for such year, the unit's NO_x averaging plan has an actual weighted average NO_x emission rate for such year equal to or less than the actual weighted average NO_x emission rate for the year before such year and if the unit achieves NO_x emission reductions in 2007 and 2008, the CAIR designated representative of the unit may request early reduction credits, and allocation of CAIR NO_x allowances from the compliance supplement pool under paragraph (a) of this section for