

34.304(455B) Hg allowance allocations.

The provisions in 40 CFR 60.4141 as amended through June 9, 2006, are adopted by reference, except as indicated in this rule.

34.304(1) State trading budget. The provisions of 40 CFR 60.4140 are not adopted by reference. The state's trading budget for annual allocations of Hg allowances for each control period from 2010 through 2017 is 0.727 tons (23,264 ounces). The state's trading budget for annual allocations of Hg allowances for the control period, starting in 2018, and for each control period thereafter, is 0.287 tons (9,184 ounces).

34.304(2) Hg allowance allocations. The provisions of 40 CFR 60.4142 are not adopted by reference. The provisions in this subrule for Hg allowance allocations are adopted in lieu thereof.

a. The baseline heat input used with respect to CAMR Hg allowance allocations under paragraph 34.302(4)"b" for each CAMR Hg unit will be:

(1) For units commencing operation before January 1, 2001 (existing units), the average of the three highest amounts of the units' adjusted control period heat input (in mmBTU) for 2000 through 2004, with the adjusted control period heat inputs for each year calculated as follows:

1. Any portion of the unit's control period heat input for the year that results from the unit's combustion of lignite, multiplied by 3.0;

2. Any portion of the unit's control period heat input for the year that results from the unit's combustion of subbituminous coal, multiplied by 1.25; and

3. Any portion of the unit's control period heat input for the year that is not covered by numbered paragraphs "1" and "2," multiplied by 1.0.

(2) For units commencing operation on or after January 1, 2001 and commencing construction before January 1, 2006 (new units), the nameplate capacity of the generator being served, provided that if a generator is served by two or more units, then the nameplate capacity will be attributed to each unit in equal fraction of the total nameplate capacity, multiplied by 7900 BTU/kW.

b. (1) For each control period in 2010 and thereafter, but for no control period later than that control period required to meet the minimum timing requirements specified in 40 CFR 60.4141(a) and 60.4141(b)(1), the department will allocate to all CAMR Hg units with a baseline heat input as determined in subparagraph 34.304(2)"a"(1) for existing units a total amount of CAMR Hg allowances equal to 95 percent for each control period from 2010 through 2017, and 97 percent for each control period in 2018 and thereafter, of the tons of Hg emissions in the state trading budget specified in subrule 34.304(1).

(2) The department will allocate CAMR Hg allowances to each CAMR Hg unit under subparagraph 34.304(2)"b"(1) for existing units in an amount determined by multiplying the total amount of CAMR Hg allowances allocated under subparagraph 34.304(2)"b"(1) by the ratio of the baseline heat input of such a CAMR Hg unit to the total amount of baseline heat input of all such CAMR Hg units and rounding to the nearest whole allowance as appropriate.

c. (1) For each control period in 2010 and thereafter, but for no control period later than is required to meet the minimum timing requirements set forth in 40 CFR 60.4141(a) and 60.4141(b)(1), the department will allocate to all CAMR Hg units with a baseline heat input as determined in subparagraph 34.304(2)"a"(2) for new units a total amount of CAMR Hg allowances equal to 5 percent for each control period from 2010 through 2017, and 3 percent for each control period in 2018 and thereafter, of the tons of Hg emissions in the state trading budget as specified in subrule 34.304(1).

(2) The department will allocate CAMR Hg allowances to each CAMR Hg unit under subparagraph 34.304(2)"c"(1) for new units in an amount determined by multiplying the total amount of CAMR Hg allowances allocated under subparagraph 34.304(2)"c"(1) by the ratio of the baseline heat input of such a CAMR Hg unit to the total amount of baseline heat input of all such CAMR Hg units and rounding to the nearest whole allowance as appropriate.

d. The unit allocations of CAMR Hg allowances described in subparagraphs 34.304(2)"b"(2) and 34.304(2)"c"(2) are set forth in Tables 3A and 3B. Upon allocation, allowances may be tracked, transferred, banked and recorded as specified under 40 CFR 60.4150 through 60.4176 as amended through May 18, 2005.

Table 3A. Mercury (Hg) Allowance Allocations for Existing Units in Ounces Per Year

Facility ID	County	Unit ID	2010 - 2017	2018 and thereafter
Ames	Story	7	68	28
Ames	Story	8	244	98
Burlington Generating Station	Des Moines	1	823	332
Council Bluffs Energy Center	Pottawattamie	1	220	88
Council Bluffs Energy Center	Pottawattamie	2	330	133
Council Bluffs Energy Center	Pottawattamie	3	2961	1194
Dubuque Generation Station	Dubuque	1	151	61
Dubuque Generation Station	Dubuque	5	104	42
Dubuque Generation Station	Dubuque	6	15	6
Earl F Wisdom Generation Station	Clay	1	43	17
Fair Station	Muscatine	2	117	47
George Neal North	Woodbury	1	547	221
George Neal North	Woodbury	2	1020	411
George Neal North	Woodbury	3	1925	776
George Neal South	Woodbury	4	2526	1018
Lansing Generating Station	Allamakee	1	4	2
Lansing Generating Station	Allamakee	2	9	4
Lansing Generating Station	Allamakee	3	116	47
Lansing Generating Station	Allamakee	4	834	336
Louisa Station	Muscatine	101	2823	1138
Milton L Kapp Generating Station	Clinton	2	779	314
Muscatine	Muscatine	8	349	141
Muscatine	Muscatine	9	686	277
Ottumwa Generating Station	Wapello	1	2982	1202
Pella Station	Marion	6	50	20
Pella Station	Marion	7	51	20
Prairie Creek Generating Station	Linn	3	227	91
Prairie Creek Generating Station	Linn	4	552	222
Riverside Station	Scott	9	423	170
Sixth Street Generating Station	Linn	2	84	34
Sixth Street Generating Station	Linn	3	89	36
Sixth Street Generating Station	Linn	4	66	27
Sixth Street Generating Station	Linn	5	142	57
Streeter Station	Black Hawk	7	60	24
Sutherland Generating Station	Marshall	1	151	61
Sutherland Generating Station	Marshall	2	152	61
Sutherland Generating Station	Marshall	3	378	152

Table 3B. Mercury (Hg) Allowance Allocations for New Units in Ounces Per Year

Facility ID	County	Unit ID	2010 - 2017	2018 and thereafter
Council Bluffs Energy Center	Pottawattamie	4	1163	276

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EPA Rulemakings

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Description: This new rule pertains to Hg allowance allocations.

Difference Between the State and EPA-Approved Regulation:

None.