

**GENERAL ASSEMBLY OF NORTH CAROLINA  
SESSION 2003**

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**SENATE BILL 970\***

Short Title: Establish Electronics Recycling Program. (Public)

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Sponsors: Senators Kinnaird; Clodfelter, Dorsett, Hagan, Hartsell, Holloman,  
Malone, Metcalf, and Reeves.

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Referred to: Finance.

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April 3, 2003

A BILL TO BE ENTITLED

1  
2 AN ACT TO ESTABLISH A RECYCLING PROGRAM FOR CERTAIN  
3 ELECTRONIC DEVICES AND TO IMPOSE A TAX ON THOSE DEVICES IN  
4 ORDER TO FUND THE PROGRAM AND TO PROVIDE LOCAL  
5 GOVERNMENTS WITH FUNDS TO ENABLE THEM TO RECYCLE  
6 ELECTRONIC DEVICES.

7       Whereas, the leaching of lead from cathode ray tubes in landfills is a concern  
8 for the future protection of human health and the environment; and

9       Whereas, the electronics waste stream is growing rapidly in volume and  
10 complexity and may account for as much as seventy percent (70%) of the toxic heavy  
11 metals found in solid waste landfills; and

12       Whereas, local government-operated programs are an efficient way to divert  
13 electronics from disposal and to provide recycling services to citizens across the State;  
14 and

15       Whereas, the development of local programs is hindered by the high costs of  
16 marketing collected cathode ray tubes and other electronics; and

17       Whereas, no other system currently exists, either provided by electronics  
18 manufacturers, retailers, or others, to adequately serve North Carolinians and to divert  
19 large quantities of electronics from disposal; and

20       Whereas, it is already illegal for businesses to dispose of cathode ray tubes in  
21 landfills in North Carolina, but small- and medium-sized businesses lack practical  
22 electronics recycling options; and

23       Whereas, the recycling of electronic wastes recovers valuable materials for  
24 reuse and will create jobs and tax base in North Carolina; Now, therefore,

25 The General Assembly of North Carolina enacts:

26       **SECTION 1.** Chapter 105 of the General Statutes is amended by adding a  
27 new Article to read:

"Article 5G.

28



1           which the owner of the electronic device can show proof that the  
2           electronics recycling tax has been paid.

3 **"§ 130A-309.92. Management of electronic devices.**

4           A unit of local government that implements an electronics recycling program as a  
5 part of its solid waste management plan adopted pursuant to G.S. 130A-309.09A shall  
6 be eligible to receive reimbursement from the Electronics Recycling Account. The  
7 amount of the reimbursement shall be the amount equal to ten dollars (\$10.00) for each  
8 eligible device recycled by the unit of local government for that quarter. The  
9 Department shall reimburse a unit of local government only after receiving a statement  
10 certified by the county finance officer that includes the number of eligible devices  
11 recycled by the unit of local government for that quarter. A unit of local government  
12 that receives reimbursement from the Electronics Recycling Account shall not charge a  
13 fee for the recycling of eligible devices. A unit of local government may contract with  
14 another unit of local government or a private entity in accordance with Article 15 of  
15 Chapter 153A of the General Statutes to provide for the recycling of discarded  
16 electronics. A contracting party that receives reimbursement from the Electronics  
17 Recycling Account shall not charge a fee for the recycling of eligible devices under that  
18 contract.

19 **"§ 130A-309.93. Use of reimbursements.**

20           A unit of local government may use reimbursements from the Electronics Recycling  
21 Account to offset any of the following:

- 22           (1) Collection and transportation of discarded electronics.
- 23           (2) Recycling processing fees.
- 24           (3) Costs of educating citizens about its electronics recycling program.

25 **"§ 130A-309.94. Electronics Recycling Account.**

26           (a) The Electronics Recycling Account is established within the Department. The  
27 Account consists of revenue credited to the Account from the proceeds of the  
28 electronics recycling tax imposed by Article 5G of Chapter 105 of the General Statutes.

29           (b) Funds in the Account shall be allocated and used as follows:

- 30           (1) Seventy-seven percent (77%) for reimbursement of units of local  
31 government.
- 32           (2) Ten percent (10%) for supplemental grant funding to units of local  
33 government to help initiate local programs, enhance existing local  
34 electronics recycling services, and encourage regionalization of local  
35 electronics programs.
- 36           (3) Seven percent (7%) for revolving loans for the development of private  
37 recycling businesses.
- 38           (4) Three percent (3%) for grants for research and development of more  
39 environmentally responsible electronics.
- 40           (5) Three percent (3%) to the Department for the administration of the  
41 public education and local government assistance program pursuant to  
42 G.S. 130A-309.96.

43 **"§ 130A-309.95. Effect of local ordinance.**

1        This Part preempts any local ordinance regarding the management of discarded  
2 electronics to the extent, and only to the extent, that the local ordinance is inconsistent  
3 with this Part or the rules adopted pursuant to this Part.

4 **"§ 130A-309.96. Duties of Department.**

5        (a) Public Education. – The Department shall educate the public on the  
6 environmental benefits of recycling electronics. This public education effort shall  
7 include point-of-sale education.

8        (b) Local Government Assistance. – The Department shall provide assistance to  
9 units of local government developing electronics recycling programs. As part of this  
10 assistance, the Department shall assist with the coordination of regional recovery efforts  
11 for electronics.

12        (c) State Term Recycling Contract. – The Department shall assist the Department  
13 of Administration in establishing a State term recycling contract with electronics  
14 recycling processors that may be used by local governments.

15        (d) Revolving Loan Fund Program. – The Department shall develop and  
16 implement a revolving loan fund program, utilizing the funds allocated pursuant to G.S.  
17 130A-309.94(b)(3), for the development of private recycling businesses.

18        (e) Supplemental Grant Program. – The Department shall develop and implement  
19 a supplemental grant program, utilizing the funds allocated pursuant to G.S.  
20 130A-309.94(b)(2), to encourage and enhance the establishment of electronics recycling  
21 programs.

22        (f) Environmentally Responsible Electronics. – The Department shall develop  
23 and implement a grant program, utilizing the funds allocated pursuant to G.S.  
24 130A-309.94(b)(4), for research and development of more environmentally responsible  
25 electronics.

26        (g) Procurement Contracts. – The Department shall provide technical assistance  
27 to the Department of Administration and to units of local government in the  
28 development of procurement requirements for recycled content for electronics and  
29 preferential treatment of vendors and manufacturers that utilize environmentally  
30 responsible manufacturing processes or that utilize sustainable product stewardship  
31 programs.

32 **"§ 130A-309.97. Annual report.**

33        The Department shall include in the report to be delivered to the Environmental  
34 Review Commission on or before 15 January of each year pursuant to G.S.  
35 130A-309.06(c) a description of the management of discarded electronics in the State  
36 for the fiscal year ending the preceding 30 June. The description of the management of  
37 electronics shall include all of the following information:

- 38        (1) An evaluation of the implementation of the Electronics Recycling Act  
39 of 2003.
- 40        (2) The amount of taxes collected and distributed under G.S. 105-187.61  
41 during the period covered by the report.
- 42        (3) The beginning and ending balances of the Electronics Recycling  
43 Account for the period covered by the report and a list of  
44 reimbursements made from the Account for the period.

1 (4) Any other information the Department considers helpful in  
2 understanding the problem of managing electronics.

3 "**§§ 130A-309.98 through 130A-309.99:** Reserved for future codification purposes."

4 **SECTION 3.** G.S. 130A-309.06(c) reads as rewritten:

5 "(c) The Department shall report to the Environmental Review Commission on or  
6 before 15 January of each year on the status of solid waste management efforts in the  
7 State. The report shall include:

8 (1) A comprehensive analysis, to be updated in each report, of solid waste  
9 generation and disposal in the State projected for the 20-year period  
10 beginning on 1 July 1991.

11 (2) The total amounts of solid waste recycled and disposed of and the  
12 methods of solid waste recycling and disposal used during the calendar  
13 year prior to the year in which the report is published.

14 (3) An evaluation of the development and implementation of local solid  
15 waste management programs and county and municipal recycling  
16 programs.

17 (4) An evaluation of the success of each county or group of counties in  
18 meeting the municipal solid waste reduction goal established in G.S.  
19 130A-309.04.

20 (5) Recommendations concerning existing and potential programs for  
21 solid waste reduction and recycling that would be appropriate for units  
22 of local government and State agencies to implement to meet the  
23 requirements of this Part.

24 (6) An evaluation of the recycling industry, the markets for recycled  
25 materials, the recycling of polystyrene, and the success of State, local,  
26 and private industry efforts to enhance the markets for these materials.

27 (7) Recommendations to the Governor and the Environmental Review  
28 Commission to improve the management and recycling of solid waste  
29 in the State, including any proposed legislation to implement the  
30 recommendations.

31 (8) A description of the condition of the Solid Waste Management Trust  
32 Fund and the use of all funds allocated from the Solid Waste  
33 Management Trust Fund, as required by G.S. 130A-309.12(c).

34 (9) A description of the review and revision of bid procedures and the  
35 purchase and use of reusable, refillable, repairable, more durable, and  
36 less toxic supplies and products by both the Department of  
37 Administration and the Department of Transportation, as required by  
38 G.S. 130A-309.14(a1)(3).

39 (10) A description of the implementation of the North Carolina Scrap Tire  
40 Disposal Act that includes the beginning and ending balances in the  
41 Scrap Tire Disposal Account for the reporting period, the amount  
42 credited to the Scrap Tire Disposal Account during the reporting  
43 period, and the amount of revenue used for grants and to clean up  
44 nuisance tire collection sites, as required by G.S. 130A-309.63(e).

- 1 (11) A description of the management of white goods in the State, as  
2 required by G.S. 130A-309.85.
- 3 (12) A summary of the report by the Department of Transportation on the  
4 amounts and types of recycled materials that were specified or used in  
5 contracts that were entered into by the Department of Transportation  
6 during the previous fiscal year, as required by G.S. 136-28.8(g).
- 7 (13) A summary of the reports by each State department, institution,  
8 agency, community college, and local school administrative unit  
9 authorized to purchase materials and supplies detailing the amounts  
10 and types of materials and supplies with recycled content that were  
11 purchased during the previous fiscal year and the progress toward  
12 reaching the goals under G.S. 143-58.3, as required by G.S.  
13 143-58.2(f).
- 14 (14) A description of the management of electronics in the State, as  
15 required by G.S. 130A-309.97."

16 **SECTION 4.** G.S. 130A-309.94, as enacted by Section 2 of this act, reads as  
17 rewritten:

18 "**§ 130A-309.94. Electronics Recycling Account.**

19 (a) The Electronics Recycling Account is established within the Department. The  
20 Account consists of revenue credited to the Account from the proceeds of the  
21 electronics recycling tax imposed by Article 5G of Chapter 105 of the General Statutes.

22 (b) Funds in the Account shall be allocated and used as follows:

- 23 (1) ~~Seventy-seven percent (77%)~~ Eighty-four percent (84%) for  
24 reimbursement of units of local government.
- 25 (2) Ten percent (10%) for supplemental grant funding to units of local  
26 government to help initiate local programs, enhance existing local  
27 electronics recycling services, and encourage regionalization of local  
28 electronics programs.
- 29 (3) ~~Seven percent (7%) for revolving loans for the development of private~~  
30 ~~recycling businesses.~~
- 31 (4) Three percent (3%) for grants for research and development of more  
32 environmentally responsible electronics.
- 33 (5) Three percent (3%) to the Department for the administration of the  
34 public education and local government assistance program pursuant to  
35 G.S. 130A-309.96."

36 **SECTION 5.** G.S. 130A-309.96(d) is repealed.

37 **SECTION 6.** G.S. 130A-309.92, as enacted by Section 2 of this act, reads as  
38 rewritten:

39 "**§ 130A-309.92. Management of electronic devices.**

40 A unit of local government that contracts with a recycling processor certified by the  
41 Department pursuant to G.S. 130A-309.96(d) and that implements an electronics  
42 recycling program as a part of its solid waste management plan adopted pursuant to G.S.  
43 130A-309.09A shall be eligible to receive reimbursement from the Electronics  
44 Recycling Account. The amount of the reimbursement shall be the amount equal to ten

1 dollars (\$10.00) for each eligible device recycled by the unit of local government for  
2 that quarter. The Department shall reimburse a unit of local government only after  
3 receiving a statement certified by the county finance officer that includes the number of  
4 eligible devices recycled by the unit of local government for that quarter. A unit of local  
5 government that receives reimbursement from the Electronics Recycling Account shall  
6 not charge a fee for the recycling of eligible devices. A unit of local government may  
7 contract with another unit of local government or a private entity in accordance with  
8 Article 15 of Chapter 153A of the General Statutes to provide for the recycling of  
9 discarded electronics. A contracting party that receives reimbursement from the  
10 Electronics Recycling Account shall not charge a fee for the recycling of eligible  
11 devices under that contract."

12 **SECTION 7.** G.S. 130A-309.96, as enacted by Section 2 of this act, is  
13 amended by adding the following subsection to read:

14 "(h) Electronics Recycling Processor Certification. – The Department shall  
15 establish criteria for the certification of electronics recycling processors and shall  
16 implement a program to certify processors. This criteria shall require electronics  
17 recycling processors to recycle electronics in compliance with all applicable laws for the  
18 protection of the environment. This criteria shall favor the domestic recycling of  
19 electronics."

20 **SECTION 8.** G.S. 130A-309.10(f) reads as rewritten:

21 "(f) No person shall knowingly dispose of any of the following solid wastes in  
22 landfills:

- 23 (1) Repealed by Session Laws 1991, c. 375, s. 1.
- 24 (2) Used oil.
- 25 (3) Yard trash, except in landfills approved for the disposal of yard trash  
26 under rules adopted by the Commission. Yard trash that is source  
27 separated from solid waste may be accepted at a solid waste disposal  
28 area where the area provides and maintains separate yard trash  
29 composting facilities.
- 30 (4) White goods.
- 31 (5) Antifreeze (ethylene glycol).
- 32 (6) Aluminum cans.
- 33 (7) Whole scrap tires, as provided in G.S. 130A-309.58(b). The  
34 prohibition against landfilling whole tires applies to all whole  
35 pneumatic rubber coverings, but does not apply to whole solid rubber  
36 coverings.
- 37 (8) Lead-acid batteries, as provided in G.S. 130A-309.70.
- 38 (9) Electronic devices as defined in G.S. 130A-309.91."

39 **SECTION 9.** G.S. 130A-309.10(f1) reads as rewritten:

40 "(f1) No person shall knowingly dispose of any of the following solid wastes by  
41 incineration in an incinerator for which a permit is required under this Article:

- 42 (1) Antifreeze (ethylene glycol) used solely in motor vehicles.
- 43 (2) Aluminum cans.
- 44 (3) Repealed by Session Laws 1995 (Regular Session, 1996), c. 594, s. 17.

- 1           (4)    White goods.  
2           (5)    Lead-acid batteries, as provided in G.S. 130A-309.70.  
3           (6)    Electronic devices as defined in G.S. 130A-309.91."

4           **SECTION 10.** Sections 1, 2, 3, and 10 of this act become effective 1 January  
5 2004. Sections 4 and 5 of this act become effective 1 July 2006. Sections 6, 7, 8, and 9  
6 of this act become effective 1 January 2007. The Department of Environment and  
7 Natural Resources shall make reimbursements to units of local government under Part  
8 2E of Article 9 of Chapter 130A of the General Statutes, as enacted by Section 2 of this  
9 act, beginning on 1 July 2004.