



1 (6) That State government ~~should~~shall undertake a program to reduce  
2 energy use in State facilities and equipment in those facilities in order  
3 to provide its citizens with an example of energy-use efficiency."

4 **SECTION 2.** G.S. 143-64.11(2a) reads as rewritten:

5 "For purposes of this Article:

6 ...

7 (2a) "~~Energy Division~~"Energy Office' means the State Energy  
8 DivisionOffice of the Department of ~~Commerce~~Administration.

9 ...."

10 **SECTION 3.** G.S. 143-64.12 reads as rewritten:

11 "**§ 143-64.12. Authority and duties of State agencies.**

12 (a) The General Assembly authorizes and directs that State agencies shall carry  
13 out the construction and renovation of State facilities, under their jurisdiction in such a  
14 manner as to further the policy declared herein, ~~insuring that~~ensuring the use of  
15 life-cycle cost analyses and energy-conservation practices are considered and are  
16 employed whenever feasible and practicable practices.

17 (b) The Department of Administration ~~shall, to the extent feasible and~~  
18 ~~practicable,~~shall develop and implement policies, procedures, and standards to ensure  
19 that State purchasing practices improve energy efficiency and take the cost of the  
20 product over the economic life of the product into consideration. The Department of  
21 Administration shall adopt and implement Building Energy Design Guidelines. These  
22 guidelines shall include energy-use goals and standards, economic assumptions for  
23 life-cycle cost analysis, and other criteria on building systems and technologies. The  
24 Department of Administration shall modify the design criteria for construction and  
25 renovation of facilities to require that a life-cycle cost analysis be conducted pursuant to  
26 G.S. 143-64.15. The Department of Administration, as part of the Facilities Condition  
27 and Assessment Program, shall identify and recommend energy conservation  
28 maintenance and operating procedures that are designed to reduce energy consumption  
29 within the facility and that require no significant expenditure of funds. State  
30 departments, institutions, or agencies shall implement these recommendations. Where  
31 energy management equipment is proposed for State facilities, the maximum  
32 interchangeability and compatibility of equipment components shall be required.

33 The Department of Administration shall develop a comprehensive energy  
34 management program for State government. Each State agency shall develop and  
35 implement an energy management plan that is consistent with the State's comprehensive  
36 energy management program.

37 (c) through (g) Repealed by Session Laws 1993, c. 334, s. 4."

38 **SECTION 4.** G.S. 143-64.15(c) reads as rewritten:

39 "(c) The General Assembly ~~encourages any~~requires each entity to conduct a  
40 life-cycle cost analysis pursuant to this section for the construction of any State-assisted  
41 facility or the renovation of any State-assisted facility of ~~40,000~~20,000 or more gross  
42 square feet."

1           **SECTION 5.** G.S. 143-64.15(f) reads as rewritten:

2           "~~(f) Selection of the optimum system or combination of systems to be~~  
3 ~~incorporated into the design of the facility shall take into consideration the life-cycle~~  
4 ~~cost analysis over the economic life of the facility.~~Each State agency shall use the life-  
5 cycle cost analysis over the economic life of the facility in selecting the optimum  
6 system or combination of systems to be incorporated into the design of the facility."

7           **SECTION 6.** Part 1 of Article 3B of Chapter 143 of the General Statutes is  
8 amended by adding a new section to read:

9           "**§ 143-64.15A. Certification of life-cycle cost analysis.**

10           All State agencies performing a life-cycle cost analysis for the purpose of  
11 constructing or renovating any State facility shall, before selecting a design option or  
12 advertising for bids for construction, submit the life-cycle cost analysis to the  
13 Department of Administration for certification. The Department shall review the  
14 material submitted by the State agency, reserve the right to require agencies to complete  
15 additional analysis to comply with certification, and perform any additional analysis, as  
16 necessary, to comply with G.S. 143-341(11)."

17           **SECTION 7.(a)** Triangle J Guidelines Pilot Program. – The General  
18 Assembly recognizes the State's need to understand how energy conservation measures  
19 are utilized in the construction or renovation of State facilities and how these measures  
20 benefit the State through cost savings and the protection of our natural resources. The  
21 General Assembly promotes the use of the Triangle J Council of Governments' High  
22 Performance Guidelines to achieve these goals and encourages any State entity to rate  
23 itself in accordance with these guidelines for the design, construction, operation,  
24 maintenance, or renovation of any State-assisted or State-owned facility.

25           **SECTION 7.(b)** To accomplish the goals described in Section 7(a) of this  
26 act, the Department of Administration shall implement a pilot program to review the use  
27 of the Triangle J Guidelines in projects for the renovation or construction of State  
28 facilities.

29           The Board of Governors of The University of North Carolina shall select at  
30 least four projects to participate in the pilot program, and the State Board of Community  
31 Colleges and the Office of State Budget, Planning, and Management shall select at least  
32 three projects to participate in the program. One-third of the projects participating in this  
33 program shall be projects for the repair or renovation of a State facility, and the  
34 remaining projects shall be projects for the construction of State facilities.

35           **SECTION 7.(c)** The Department of Administration shall oversee the pilot  
36 program, and each entity involved shall submit all applicable information to the  
37 Department as it deems necessary, including compiling and submitting energy usage  
38 and cost data. The program shall include a one-year postoccupancy evaluation that shall  
39 be included as part of the evaluation of the Triangle J Guidelines for each facility. The  
40 entities participating in this program shall explore the concept of a "sustainably  
41 designed facility" in assessing the use of the Triangle J Guidelines for these projects.  
42 For purposes of this section, "sustainably designed facility" means a building and

1 surrounding environs designed using features that are energy efficient, incorporate  
2 reusable and renewable resources, provide natural lighting, are nontoxic, require low  
3 maintenance, are congruent with the natural characteristics of the site, and cause  
4 minimum adverse impact to the environment as enacted in Section 2(11) of S.L.  
5 2000-143.

6           **SECTION 7.(d)** The Department of Administration shall submit an interim  
7 report on the implementation of this program to the Senate and House of  
8 Representatives' Chairs of the Appropriations Committees, Chairs of General  
9 Government Appropriations Subcommittee, and the Joint Legislative Commission on  
10 Governmental Operations not later than December 15, 2002. The report shall discuss the  
11 benefits of using the Triangle J Guidelines and make recommendations regarding the  
12 use of the Triangle J Guidelines in the projects participating in the program and other  
13 projects. The Department of Administration shall submit a final report to the Senate and  
14 House of Representatives' Chairs of the Appropriations Committees, Chairs of General  
15 Government Appropriations Subcommittee, and the Joint Legislative Commission on  
16 Governmental Operations not later than 18 months after completion of the last project  
17 participating in this program, if practicable.

18           **SECTION 7.(e)** This act shall not be construed to obligate the General  
19 Assembly to appropriate funds to implement the Triangle J Guidelines pilot program.

20           **SECTION 8.** This act becomes effective July 1, 2001.