

GENERAL ASSEMBLY OF NORTH CAROLINA

SESSION 1991

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SENATE BILL 728*

Environment and Natural Resources Committee Substitute Adopted 5/13/91

Short Title: State to Use Efficient Lighting.

(Public)

Sponsors:

Referred to:

April 22, 1991

A BILL TO BE ENTITLED

AN ACT TO REQUIRE THAT LIGHTING IN NEW AND EXISTING STATE CONSTRUCTION BE ENERGY EFFICIENT AND COST-EFFECTIVE.

The General Assembly of North Carolina enacts:

Section 1. (a) It is the policy of this State to implement energy conservation and energy efficiency measures in all buildings operated by State agencies. Consumption of less energy in State buildings will reduce the cost of State operations, save money for the taxpayers of this State, and provide a model for energy conservation in North Carolina. To achieve this goal of energy conservation, the General Assembly finds it necessary to mandate lighting retrofits in existing State buildings and efficient and cost-effective practices in all new State construction.

(b) Notwithstanding any other provision of law, each State agency, the General Assembly, the General Court of Justice, and The University of North Carolina, in all State offices throughout the State, shall convert to, and, in all newly constructed State buildings and additions, shall use:

- (1) Lighting that meets the national standard for lighting of commercial facilities;
- (2) Compact fluorescent bulbs;
- (3) Daylighting; or
- (4) Most energy efficient and economically viable method, i.e. watt-mizer lamps;

whichever is determined by the Department of Administration to be the most practicable for the specific application.

- 1 (c) As used in subsection (b) of this act:
- 2 (1) " The national standard for lighting of commercial facilities" means the
- 3 standard of the American Society of Heating, Refrigerating, and
- 4 Airconditioning Engineers, Inc., (ASHRAE) as provided in its
- 5 publication number ASHRAE/IES 90.1-1989, entitled "Energy
- 6 Efficient Design of New Buildings Except New Low-Rise Residential
- 7 Buildings";
- 8 (2) " Daylighting" means the use of natural sunlight to offset and enhance
- 9 artificial lighting requirements.
- 10 Sec. 2. This act becomes effective 1 October 1991.