SECTION 1. Chapter 16-9 of the General Laws entitled “School Funds and Property” is hereby amended by adding thereto the following section:

16-9-4.2. Legislative intent.

(a) The legislature has determined that it is in the best interest of the state to promote the creation of roof and ground mounted solar installations on school property in order to reduce the use of fossil fuels by schools in each municipality in the state and in order to finance and defray costs of repairing school roofs of existing schools and in new construction of school facilities. It is further the intent of the legislature to establish a pilot program to promote the use of solar energy systems to generate electricity in school buildings.

(b) There is hereby established a pilot program that shall be implemented by the department of elementary and secondary education and the office of the postsecondary commissioner that shall operate as provided in this chapter.

16-9-4.3. Legislative findings.

(a) State and local school buildings offer large flat surfaces that are ideal for the installation of solar panels; and

(b) School buildings are usually a great distance from tall buildings and trees, making them ideally exposed to sunlight; and

(c) In these times of increasingly growing school budgets, the generation of electricity could provide local school boards with an additional funding source or cost saving measures.

It is enacted by the General Assembly as follows:
16-9-4.4. Definitions.

As used in this chapter:

(1) "Abandonment" means the solar energy system shall be considered abandoned when it either reaches the end of its useful life, or is disconnected.

(2) "Commercial scale" means a solar system that is greater than twenty-five kilowatts (25 kW), but less than one megawatt (1 MW) nameplate capacity.

(3) "Department" means the department of elementary and secondary education.

(4) "Large scale" means a solar system that is from one megawatt (1 MW), up and to and including, five megawatts (5 MW) nameplate capacity.

(5) "Nameplate capacity" means the maximum rated output of electric power production of the solar energy system in watts of alternating current (AC).

(6) "New school construction" means any new school buildings or additions of any new classrooms to existing school buildings.

(7) "Office" means the office of the postsecondary commissioner.

(8) "School" means any residential or non-residential school building, public, private or charter, of any city or town or community educational system regulated, directly or secondarily, by the council on elementary and secondary education, the department of elementary and secondary education, or any other state education board or local city or town school board or school committee or other legal educational subdivision acting under it. Included in this definition of school is any institution for the education of adults such as colleges, universities, graduate schools, and trade or technical schools (hereinafter "colleges"). As used in this chapter, the term "school or schools" includes, but is not limited to, school playgrounds, school administration buildings, indoor school athletic facilities, school gymnasiums, school locker rooms, and similar school buildings. A school shall not include child-care facilities regulated by the department of children, youth and families.

(9) "Solar energy system" means all equipment, machinery and structures utilized in connection with the conversion of solar energy to electricity, to provide for heating, cooling, water heating or electricity generation.

16-9-4.5. School construction.

(a) The department and the office of the postsecondary commissioner in the case of a college, are instructed to develop regulations to ensure that any city, town, or district or college which undertakes "new school construction" or roof repairs to existing school buildings shall study, design, and construct or renovate school buildings that are energy efficient and use solar energy systems to generate electricity to meet some of the school's electrical energy needs.
electrical energy demand, or a combination of the electrical energy needs and electrical energy demand.

(b) The department and office shall provide grants out of state funds dedicated for this program to local boards and colleges to assist in implementing the use of solar energy systems at existing schools or in new or renovated school building projects and to develop a procedure for school boards and colleges to apply for grants in accordance with this section. Grants provided under this section may be funded out of the state’s general fund or through bonds issued by the state or municipality.

(c) The department and office shall develop rules and regulations to establish procedures for school boards or colleges to enter into leases with solar energy providers in order to finance the installation of solar energy systems and repairs to existing school roofs.

(1) Any solar energy provider that enters into any lease with any municipal, private or state school, shall not install any system smaller than a commercial scale system and no system larger than a large scale system on any school roof or property.

(d) Any school that receives a grant under this section shall pay ten percent (10%) of the cost to purchase and install the solar energy system and all architectural or engineering fees for the design and supervision of the installation of the solar energy system.

(e) The office of energy resources shall cooperate with, assist, provide technical assistance to, and advise school boards and colleges to identify appropriate existing school buildings and school construction projects that would benefit from the installation of solar energy systems.

16-9-4.6. Design standards.

(a) Any roof mounted solar energy systems shall be installed in compliance with the state building code, the state fire code, and shall otherwise be in conformance with local zoning rules and regulations.

(b) All appurtenant structures to solar energy systems shall be architecturally compatible with each other.

16-9-4.7. Insurance.

Comprehensive general liability insurance coverage in the minimum amount of one million dollars ($1,000,000) for bodily or personal injury shall be required for any solar energy system installed on any school roof.


When a solar energy system has been determined to be abandoned, the school shall notify the local zoning official and the department or office within thirty (30) days of such
abandonment. The solar energy system shall then be removed within sixty (60) days and the
school shall take all reasonable steps to dispose of all solid and hazardous waste in accordance
with applicable federal, state and local laws, including, but not limited to, chapter 19.1 of title 23
("hazardous waste management") and the Resource Conservation and Recovery Act 42 U.S.C.,
§6901 et seq.

SECTION 2. This act shall take effect upon passage.
EXPLANATION
BY THE LEGISLATIVE COUNCIL
OF
AN ACT
RELATING TO EDUCATION -- SCHOOL FUNDS AND PROPERTY

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1 This act would establish a pilot program to promote the creation of roof solar installations
2 on school property in order to reduce the use of fossil fuels and to generate electricity in school
3 buildings. This program would be implemented by the department of elementary and secondary
4 education and the office of the postsecondary commissioner.
5
5 This act would take effect upon passage.

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