

SIXTEENTH CONGRESS OF THE REPUBLIC)
OF THE PHILIPPINES)
Third Regular Session)



16 JAN 28 P3 46

SENATE
S. No. 3168

RECEIVED BY: 

Introduced by Senator Miriam Defensor Santiago

AN ACT
AUTHORIZING HIGHER EDUCATION CURRICULUM DEVELOPMENT AND
GRADUATE TRAINING IN ADVANCED ENERGY AND GREEN BUILDING
TECHNOLOGIES

EXPLANATORY NOTE

At an Annual General Membership Meeting of the Philippine Green Building Council (PhilGBC) held in Makati City, British experts from building and design companies shared the "latest and most innovative" environmental technologies with local counterparts. As part of its global commitment to address alarming trends of climate change, the United Kingdom reportedly seeks to bring in our country cutting edge environmental technologies, particularly in building designs.

This bill requires the Department of Energy (DOE) to partner with the Commission on Higher Education to award grants to university programs related to the design and construction of high performance buildings. The legislation specifically states that in awarding grants, DOE should give priority to university programs in design, architecture, landscape architecture, and city, regional, or urban planning. This would improve the ability of engineers, architects, landscape architects, and planners to cooperate on the incorporation of advanced energy technologies during the design and construction of buildings.¹


MIRIAM DEFENSOR SANTIAGO
at

¹ This bill was originally filed during the Fourteenth Congress, Third Regular Session.



Senate
Office of the Secretary

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Be it enacted by the Senate and the House of Representatives of the Philippines in Congress assembled:

1 SECTION 1. *Short Title.* – This Act shall be known as the “Green Energy
2 Education Act.”

3 SECTION 2. *Definition of Terms.* – For purposes of this Act, the term:

4 (A) “Chair” refers to the chairman of the Commission on Higher Education
5 (CHED);

6 (B) “High Performance Building” refers to a building that integrates and
7 optimizes all major high-performance building attributes, including energy efficiency,
8 durability, life-cycle performance, and occupant productivity; and

9 (C) “Secretary” refers to the Secretary of the Department of Energy (DOE).

10 SECTION 3. *Graduate Training In Energy Research And Development.* –

11 (A) *Funding.* – In carrying out research, development, demonstration, and
12 commercial application activities authorized for the DOE, the Secretary may contribute
13 funds to the CHED to support projects that enable graduate education related to such
14 activities.

1 (B) *Consultation.* – The Chair shall consult with the Secretary when preparing
2 solicitations and awarding grants for projects described in paragraph (A).

3 SECTION 4. *Curriculum Development for High Performance Building Design.* –

4 (A) *Funding.* – In carrying out advanced energy technology research,
5 development, demonstration, and commercial application activities authorized for the
6 DOE related to high performance buildings, the Secretary may contribute funds to
7 curriculum development activities at the CHED for the purpose of improving
8 undergraduate or graduate interdisciplinary engineering and architecture education
9 related to the design and construction of high performance buildings, including
10 development of curricula, of laboratory activities, of training practicums, or of design
11 projects.

12 A primary goal of curriculum development activities supported under this Section
13 shall be to improve the ability of engineers, architects, landscape architects, and planners
14 to work together on the incorporation of advanced energy technologies during the design
15 and construction of high performance buildings.

16 (B) *Consultation.* – The Chair shall consult with the Secretary when preparing
17 solicitations and awarding grants for projects described in paragraph (A).

18 (C) *Priority.* – In awarding grants with respect to which the Secretary has
19 contributed funds under this Section, the Chair shall give priority to applications from
20 departments, programs, or centers of a school of engineering that are partnered with
21 schools, departments, or programs of design, architecture, and city, regional, or urban
22 planning.

23 SECTION 5. *Separability Clause.* – If any provision of this Act is held invalid or
24 unconstitutional, the same shall not affect the validity and effectivity of the other
25 provisions hereof.

1 SECTION 6. *Repealing Clause.* – All laws, decrees, orders, and issuances, or
2 portions thereof, which are inconsistent with the provisions of this Act, are hereby
3 repealed, amended or modified accordingly.

4 SECTION 7. *Effectivity Clause.* – This Act shall take effect fifteen (15) days after
5 its publication in the *Official Gazette* or in two (2) newspapers of general circulation.

Approved,

/m17Dec2015