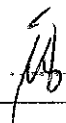


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SENATE
S.B. No. 3377

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Introduced by Senator Miriam Defensor Santiago

EXPLANATORY NOTE

At the recent 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.

John Chick, director of UK Trade and Investment (UKTI), said technology sharing is timely since the PhilGBC is currently working on a set of standards for the Philippines called Building Ecologically Responsive Design for Excellence (BERDE).¹

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. The bill would help in preparing the next wave of design and construction professionals to improve the energy efficiency and productivity of our nation’s buildings.


SEN. MIRIAM DEFENSOR SANTIAGO

¹ <http://mb.com.ph/articles/202856/uk-experts-show-green-building-technologies>.



Introduced by Senator Miriam Defensor Santiago

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

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

5 SECTION 1. *Short Title.* – This Act shall be known as the “Green Energy
6 Education Act of 2009”.

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

8 (1) “Chair” means the chairman of the Commission on Higher Education
9 (CHED).

10 (2) “High Performance Building” means a building that integrates and optimizes
11 all major high-performance building attributes, including energy efficiency,
12 durability, life-cycle performance, and occupant productivity.

13 (3) “Secretary” means the Secretary of the Department of Energy (DOE).

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

15 (a) Funding. – In carrying out research, development, demonstration, and
16 commercial application activities authorized for the DOE, the Secretary may contribute
17 funds to the CHED to support projects that enable graduate education related to such
18 activities.

19 (b) Consultation. – The Chair shall consult with the Secretary when preparing
20 solicitations and awarding grants for projects described in paragraph (a).

1 SECTION 4. *Curriculum Development For High Performance Building Design.* –

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

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

14 (b) Consultation. – The Chair shall consult with the Secretary when preparing
15 solicitations and awarding grants for projects described in paragraph (a).

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

21 SECTION 5. *Separability Clause.* – If any provision or part hereof, is held invalid
22 or unconstitutional, the remainder of the Act or the provision not otherwise affected shall
23 remain valid and subsisting.

24 SECTION 6. *Repealing Clause.* – Any law, presidential decree or issuance,
25 executive order, letter of instruction, administrative order, rule or regulation contrary to,
26 or inconsistent with the provisions of this Act is hereby repealed, modified or amended
27 accordingly.

1 SECTION 7. *Effectivity Clause.* – This Act shall take effect fifteen (15) days
2 after its publication in at least two (2) newspapers of general circulation.

Approved,

/fldp