



Republic of the Philippines  
**HOUSE OF REPRESENTATIVES**  
Quezon City, Metro Manila

Sixteenth Congress  
Second Regular Session

**HOUSE BILL NO. 4715**



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**Introduced by**  
**Hon. Mariano U. Piamonte Jr. and Hon. Julieta R. Cortuna**  
**Representatives, A TEACHER Party-list**

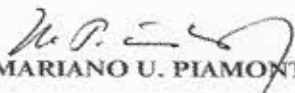
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### **EXPLANATORY NOTE**

In far flung areas of the countryside where electricity is not available, public school classrooms are also without electricity. This fact simply demonstrates that public schools in some areas could not be provided with computers as a learning support tools because of the absence of electricity. It is therefore logical to conclude that students who came from these schools could not learn much of the basics in today's information technology age. Because of the absence of electricity in some areas, the students in public schools suffer from educational content gap - an important content at that.

This measure will fill the gap in the learning capabilities of students in isolated areas by providing primary electrical power requirements of classrooms in areas without electricity.

In view of the foregoing, passage of this bill is hereby being earnestly sought.

  
MARIANO U. PIAMONTE, JR.

  
JULIETA R. CORTUNA



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**AN ACT**  
**MANDATING THE INSTALLATION OF 200 WATTS SOLAR PANELS IN**  
**PUBLIC SCHOOL BUILDINGS WHERE ELECTRICITY IS NOT AVAILABLE**

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

1           **SECTION 1.** *Declaration of Policy.* It shall be the policy of the state to  
2 improve the quality of education in all areas nationwide. When electricity is not  
3 available, support technology for a quality education could not be delivered. The  
4 installation of 200 watts solar panels in selected classrooms or facilities will  
5 ensure that all schools nationwide will have power to energize basic teaching tools  
6 such as computers, printers and other laboratory equipments enabling them to  
7 deliver the same degree of quality teaching as other schools to improve the quality  
8 of education.

9  
10           **SECTION 2.** The Department of Education is hereby mandated to ensure  
11 that all public elementary and high school buildings nationwide which cannot be  
12 connected to the grid shall be installed with solar panels with a capacity of at least  
13 200 watts.

1           The solar panels that will be installed to the school buildings shall include  
2           system components which include but not limited to charge controllers, inverters  
3           and batteries for it to generate at least 200 hundred watts of alternating current  
4           (AC) at a standard voltage of 220 volts.

5  
6           **SECTION 3. Cooperation.** The Department of Education (DepEd) shall  
7           cooperate with the Department of Energy (DOE) and the Department of Science  
8           and Technology (DOST) to address the technical requirements of implementing  
9           the provisions of this Act.

10  
11           **SECTION 4. Coverage.** For purposes of implementing the provisions of this  
12           Act, the schools to be installed with 200 watts solar panels shall include the  
13           following:

- 14           a) Public elementary or high school buildings not smaller than the size of  
15               three classrooms in barangays where electrical line installation is not  
16               available;
- 17           b) School laboratory or educational support facility of any size located in  
18               barangays where electrical line installation is not available.

19  
20           **SECTION 5.** The budget necessary for the implementation of this Act with  
21           respect to public schools shall be included in the annual budget of the Department  
22           of Education.

23  
24           **SECTION 6. Implementing Rules and Regulations.** The Department of  
25           Education shall issue the corresponding rules and regulation necessary for the  
26           implementation of this Act.

1           **SECTION 7. *Repealing Clause.*** All laws or parts of any law, orders, rules,  
2 and regulations or parts thereof inconsistent with this Act are hereby repealed or  
3 amended accordingly.

4  
5           **SECTION 8. *Effectivity Clause.*** This Act shall take effect fifteen (15) days  
6 after its publication in the Official Gazette or in at least two (2) newspapers of  
7 general circulation.

8  
9           Approved,