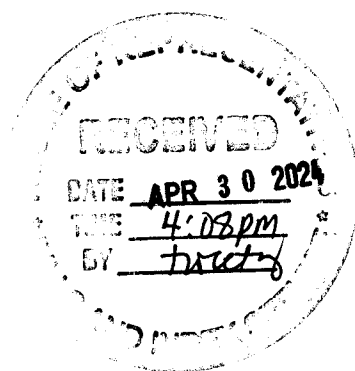




Republic of the Philippines
HOUSE OF REPRESENTATIVES
Quezon City, Metro Manila



Nineteenth Congress
Second Regular Session

HOUSE BILL NO. 10310

Introduced by **Representative MA. VICTORIA CO-PILAR**

EXPLANATORY NOTE

Electricity is a crucial part of modern life and the economy. It is imperative for industrialization, economic development, and technological advancement. Nevertheless, the generation of electricity greatly contributes to carbon dioxide emissions which result in environmental deterioration.

The generation of electricity is accountable for about 40% of global carbon emissions because most electricity is still generated by burning fossil fuels like coal, oil, or gas that release carbon dioxide and other greenhouse gases (GHG). These GHG traps heat causing global warming and climate change. Climate crisis affects everyone and those who have contributed the least are the most affected – the future generation.

As declared in the landmark case of *Oposa vs. Factoran*, the doctrine of intergenerational responsibility means that every generation has a responsibility to the next to preserve the rhythm and harmony of nature for the full enjoyment of a balanced and healthful ecology. Hence, our generation must take initiatives to protect our environment by reducing carbon emissions and shifting to renewable energy.

This bill pushes the government to utilize renewable energy for street lights in the entire country. Solar street lights use solar panels to charge its battery through the sun and then powers a LED or fluorescent lamp at night. It is energy efficient and environmentally friendly that will substitute the traditional street lights and will save our energy reserves.

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



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AN ACT
MANDATING THE INSTALLATION AND USE OF SOLAR STREET
LIGHTS IN THE ENTIRE COUNTRY, PROVIDING FUNDS THEREFOR,
AND FOR OTHER PURPOSES

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

1 **Section 1. Short Title** – This Act shall be known as the “Solar Street Lights Act”.

2

3 **Sec 2. Declaration of Policy** – It is the declared policy of the State to reduce carbon
4 emissions of the country and promote renewable energy. It is likewise the policy
5 of the State that its citizens from all walks of life will benefit from renewable
6 energy program of the government.

7

8 **Sec 3. Scope** – All national, provincial, municipal, city, and barangay roads and
9 streets shall use solar street lights to illuminate the night through which its citizens
10 traverse.

11

12 **Sec 4. Role of the Department of Science and Technology** – The Department of Science
13 and Technology (DOST) shall coordinate with other departments of the
14 government and thereafter conduct a study as to how many solar street lights will
15 be needed to be installed in the entire country. It shall provide the necessary
16 information or specifications as to how much wattage, battery capacity, number

1 of solar panels needed, and distance between each solar street light to standardize
2 the same and ensure light is delivered on certain type and width of road or street.

3 The DOST shall likewise provide a priority list of barangays, municipalities,
4 cities, and provinces that will benefit from the provisions of this Act. The list shall
5 be based on a reasonable criterion taking into consideration the urgency of
6 providing adequate street light supply and the population of the place.

7
8 **Sec 5. *Sourcing*** – In the purchase of solar street lights for installation and use, local
9 businesses shall be given priority in supplying the government of the same. A
10 higher priority shall be given to local businesses that manufacture and sell solar
11 street lights.

12
13 **Sec 6. *Appropriation*** – The amount necessary for the implementation of this Act
14 shall be included in the annual General Appropriations Act.

15
16 **Sec 7. *Implementing Rules and Regulations*** – Within sixty (60) days from the
17 effectivity of this Act, the Department of Public Works and Highways, in
18 consultation with DOST, shall promulgate the necessary rules and regulations to
19 effectively implement the provisions of this Act.

20
21 **Sect 8. *Separability Clause*** – If any provision or part hereof, is held invalid or
22 unconstitutional, the remainder of the law or the provision not otherwise affected
23 shall remain valid and subsisting.

24
25 **Sec 9. *Repealing Clause*** – Any law, presidential decree or issuance, executive order,
26 letter of instruction, administrative order, rule or regulation contrary to or
27 inconsistent with the provision of this Act is hereby repealed, modified, or
28 amended accordingly.

29
30 **Sec 10. *Effectivity Clause*** – This Act shall take effect fifteen (15) days after its
31 publication in the Official Gazette or in a newspaper of general circulation.

32
33 **Approved,**