



Republic of the Philippines  
**SANGGUNIANG PANLUNGSOD**  
City Government of Pasig

Ordinance No. 23  
Series of 2023

**AN ORDINANCE ESTABLISHING GUIDELINES IN THE DESIGN AND INSTALLATION OF ROADWAY LIGHTING SYSTEMS IN PASIG CITY.**

**Author: Councilor Maria Luisa "Angelu" M. De Leon**

**WHEREAS**, Section 16 of Republic Act (R.A.) No. 7160 or the "Local Government Code of 1991" states that every local government unit shall exercise the powers expressly granted, those necessarily implied therefrom, as well as powers necessary, appropriate, or incidental for its efficient and effective governance, and those which are essential to the promotion of the general welfare;

**WHEREAS**, Section 458(a)(5)(v) of R.A. No. 7160 states that the Sangguniang Panlungsod, as the legislative body of a city, shall enact ordinances for the regulation of the use of public places, including the provision of lighting for the same;

**WHEREAS**, the Department of Energy (DOE) developed the 2017 Roadway Lighting Guidelines (Guidelines) to provide the technical and safety information aspect in the design and installation of lighting systems while at the same time promoting the use of energy efficient lighting technology for roadway installation;

**WHEREAS**, the DOE acknowledges that local government units (LGUs) may have direct use of the said Guidelines;

**WHEREAS**, R.A. No. 11285 or the Energy Efficiency and Conservation (EEC) Act, institutionalizes energy efficiency and conservation as a national way of life, enhances the efficient use of energy, and grants incentives to energy efficiency and conservation programs and projects;

**WHEREAS**, Section 4(t) of the EEC Act defines the Government Energy Management Program (GEMP) as the government-wide program to reduce the government's monthly consumption of electricity and petroleum products through electricity efficiency and conservation, among others;

**WHEREAS**, Section 9 of the EEC Act establishes the Inter-Agency Energy Efficiency and Conservation Committee (IAEECC) to evaluate and approve government energy efficiency projects, and to provide strategic direction in the implementation of the GEMP;

**WHEREAS**, Section 43 of the DOE Department Circular No. DC2019-11-0014, or the Implementing Rules and Regulations (IRR) of the EEC Act, provides that the GEMP covers all government entities, including LGUs, and authorizes the IAEECC to issue appropriate orders for the implementation of the GEMP;





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**WHEREAS**, IAEECC Resolution No. 02, series of 2021 (Resolution) directs all government entities, including LGUs, to use energy efficient light emitting diode (LED) lamps in government buildings and facilities as a requirement for compliance to the GEMP;

**WHEREAS**, in line with the purpose of the Guidelines to achieve energy efficiency and savings while ensuring road visibility and safety, and to simultaneously comply with the GEMP, the Sangguniang Panlungsod of Pasig City adopts the said Guidelines and Resolution issued by the DOE and the IAEECC, respectively, as the basis for the standard and quality of all lighting systems within the City.

**NOW, THEREFORE, BE IT ORDAINED BY THE PASIG CITY COUNCIL IN REGULAR SESSION ASSEMBLED, THAT:**

**SECTION 1. SHORT TITLE.** – This Ordinance shall be known and cited as the “Pasig City Roadway Lighting System Guidelines Ordinance.”

**SECTION 2. DEFINITION OF TERMS.** –

- (a) CEO refers to the Pasig City Engineering Office;
- (b) *Collector Roads* refer to distribution and collector roadways servicing traffic between major and minor roadways, used mainly for traffic movements within residential, commercial, and industrial center in the urban areas;
- (b) DOE refers to the Department of Energy;
- (c) *Expressways* refer to roads reserved for motor traffic which are accessible only from interchanges and with no crossings at grade;
- (d) *Guidelines* refer to the 2017 Roadway Lighting Guidelines issued by the DOE;
- (e) *Major Roads* refer to roads which are part of roadway system that serves as the principal network for through traffic flows, with routes that connect areas of principal traffic generation from different cities or municipalities;
- (f) *Minor Roads* refer to subdivision roads and local roadways that are used primarily as an access road to residential areas, commercial buildings and industrial plants and where there is minimal through traffic most of the time; and



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(g) Resolution refers to IAEECC Resolution No. 02, series of 2021, titled "Directing All Government Agencies, Including the Local Government Units (LGUs) and Foreign Service Posts, to Use Energy Efficient Light Emitting Diode (LED) Lamps in Government Buildings and Facilities as a Requirement for Compliance to the Government Energy Management Program (GEMP)."

**SECTION 3. SCOPE AND COVERAGE.** – All lighting systems, including new roadway lighting and those being modified, extended, expanded or added to existing roadway installations, located at expressways, major roads, collector roads, and minor roads within the City shall conform with the requirements, standards, and specification provided under the Resolution and the Guidelines.

All repairs and maintenance of all lighting systems within the City shall be based on the standards and requirements provided under the Resolution and the Guidelines.

This Ordinance does not cover special categories such as landscape lighting (structure, hardscape and softscape), plaza and park lighting, outdoor lighting (sports, retail, etc.) and specialty area lighting.

**SECTION 4. GENERAL CITY-WIDE ASSESSMENT OF LIGHTING SYSTEMS.** – The City Engineering Office (CEO) has six (6) months from the effectivity of this Ordinance to conduct a general city-wide assessment to determine whether or not all lighting systems within the City conform with the Resolution and the Guidelines.

Any lighting system found to be non-conforming with the Resolution and the Guidelines during the general city-wide assessment shall be reported by the CEO with its corresponding recommendation to the Office of the City Mayor within five (5) days from its discovery.

Within fifteen (15) days after the period of the general city-wide assessment, the CEO shall issue a report to the Office of the City Mayor with the details of the assessment conducted.

**SECTION 5. MONTHLY INSPECTION.** – After the period of assessment provided under Section 4 of this Ordinance, the CEO has the primary duty and responsibility to conduct a monthly inspection of all lighting systems within the City to determine compliance with the following standards provided under the Guidelines:



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- (a) The light output of any lighting system is within the prescribed limit despite air-borne dirt and pollution.
- (b) A lamp of any lighting system has not depreciated.
- (c) All internal and external wiring installations have no broken or cracked terminal lugs, frayed or deteriorated conductor insulations, and tightness of screws and loose connections.
- (d) All the electrical components of the luminaire of all lighting systems have the required voltage input.

If any lighting system does not conform with any of the aforementioned items, the CEO must report the matter and provide its corresponding recommendation to the Office of the City Mayor within three (3) days from its discovery.

**SECTION 6. LIGHTING INVENTORY.** – The CEO shall maintain a systematic procedure for the recording and maintenance of a lighting inventory of the City’s roadway lighting systems. The lighting inventory shall be annually updated and submitted to the DOE.

**SECTION 7. REPEALING CLAUSE.** – All ordinances, resolutions, orders, circulars and regulations or parts thereof, which are inconsistent with the provisions of this Ordinance, are hereby repealed, amended, and/or modified accordingly.

**SECTION 8. SEPARABILITY CLAUSE.** – If, for any reason, any part or provision of this ordinance is held unconstitutional or invalid, other parts or provisions hereof which are not affected thereby shall continue to be in full force and effect.

**SECTION 9. EFFECTIVITY.** – This ordinance shall take effect fifteen (15) days after its publication in at least two (2) newspapers of general circulation.

**APPROVED,** this 8<sup>th</sup> day of **May 2023** at Pasig City, Metro Manila.

  
**HON. RAYMUND FRANCIS S. RUSTIA**  
City Councilor

  
**HON. CORAZON M. RAYMUNDO**  
City Councilor









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**HON. SIMON GERARD R. TANTOCO**  
City Councilor

**HON. SYVEL ASILO-GUPILAN**  
City Councilor

**HON. PAUL ROMAN C. SANTIAGO**  
City Councilor

**HON. NOEL L. AGUSTIN**  
City Councilor

**HON. RODERICK MARIO U. GONZALES**  
City Councilor

**HON. QUIN A. CRUZ**  
City Councilor

**HON. REGINO S. BALDERRAMA**  
City Councilor

**HON. MARION ROSALIO M. MARTIRES**  
City Councilor

**HON. RIGOR J. ENRIQUEZ**  
LIGA President

**HON. GEORGIA LYNNE P. CLEMENTE**  
SK Fed. President

**HON. MARIA LUISA "ANGELU" M. DE LEON**  
City Councilor  
Minority Floor Leader

**HON. MARK GIL M. DE LOS SANTOS**  
City Councilor  
Majority Floor Leader





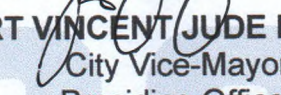
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Attested by:

  
HON. ROBERT VINCENT JUDE B. JAWORSKI, JR.  
City Vice-Mayor  
Presiding Officer

APPROVED:

  
HON. VICTOR MA. REGIS N. SOTTO  
City Mayor

Attested by:

  
ATTY. NICOLO JOEL B. GUTIERREZ  
Acting City Council Secretary