



REPUBLIKA NG PILIPINAS
PAMAHALAAN LUNGSOD NG MUNTINLUPA
KALAKHANG MAYNILA

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ORDINANCE NO. 2021-296

AN ORDINANCE ADOPTING THE LOCAL ENERGY CODE OF MUNTINLUPA CITY TO PROMOTE ENERGY EFFICIENCY AND CONSERVATION, FACILITATE THE IMPLEMENTATION OF ENERGY PROJECTS, HARMONIZE LOCAL AND NATIONAL POLICIES ON ENERGY UTILIZATION, EFFICIENCY, SAFETY, RESILIENCE AND DEVELOPMENT, AND FOR SUCH OTHER RELATED PURPOSES

Sponsored by: *Coun. Engr. Marissa C. Rongavilla*
Hon. Coun. Atty. Raul R. Corro
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Hon. Coun. Walter A. Arcilla
Hon. Coun. Kenichi D. Takagi, Jr.

WHEREAS, the National Economic and Development Authority (NEDA) launched "AmBisyon Natin 2040" which envisions Filipinos to enjoy a shingly deeply rooted comfortable and secure life in all aspects by 2040";

WHEREAS, the Philippine Development Plan (PDP) 2017-2022 intends to accelerate all infrastructure development projects, including the energy sector;

WHEREAS, the Philippine Energy Plan (PEP) 2018 - 2040 seeks to unify with government partners and the private sector to meet the country's electricity and fuel requirements through improvements in the energy market simplification of government procedures, promotion of resiliency in energy systems and infrastructures, and the enhancements of the consumers' power of choice;

WHEREAS, the Philippine Power Development Plan 2017-2040 forecasts that the country will need 49,287 megawatts (MW) additional capacity by 2040. With an average annual growth rate of 5%, power demand will continue to move in an upward hand;

WHEREAS, the Congress of the Philippines passed Republic Act No. 11032, otherwise known as the "Ease of Doing Business and Efficient Government Service Delivery (EODB) Act of 2018" and Republic Act 11234, otherwise known as the "Energy Virtual One-Stop Shop (EVOSS) Act that seek to establish the inter-operability of government processes through an online system that streamlines the permitting processes of power generation, transmission, and distribution projects;



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WHEREAS, the Congress of the Philippines passed Republic Act No. 11281 An Act Institutionalizing Energy Efficiency and Conservatory Enhancing the Efficient Use Of Energy, And Granting Incentives to Energy Efficiency And Conservation Projects otherwise known as the "Energy Efficiency and Conservation Act" and its Implementing Rules and Regulations (IRR) mandating all LGUs to formulate, develop, and implement their own Local Energy Efficiency and Conservation Plan (LEECP) to ensure sufficiency and stability of energy supply in their jurisdiction in support of their local economic and social development goals;

WHEREAS, President Rodrigo R. Duterte, in adopting a whole-of-government approach for the needs of the energy sector, issued Executive Order No. 30 (EO 30) to streamline regulatory procedures affecting Energy Projects of National Significance;

WHEREAS, Section 3 of Administrative Order No. 23 on Eliminating Overregulation to Promote Efficiency of Government Processes, for processes applicable to energy-related project, the timelines provided by RA No. 11234 shall be complied with;

WHEREAS, under the operative principles of decentralization and as provided by Republic Act No. 7160, otherwise known as the Local Government Code of 1991, ***"The LGU's capabilities shall be employed to implement national programs and projects actively. Within their respective territorial jurisdiction LGUs shall ensure support, among other things, the establishment of guidelines to facilitate the implementation of energy projects, energy policies and mechanisms for energy safety practices, energy efficiency and conservatory energy resiliency, energy planning, which includes energy access and resource development"***!

WHEREAS, Republic Act No. 9729, as amended by Republic Act No. 10174, in its Declaration of Policy, provides that, ***The State shall strengthen, integrate, consolidate and institutionalize government initiatives to achieve coordination in the implementation of plans and programs to address climate change in the context of sustainable development.***;

WHEREAS, the Department of Energy (DOE), in implementing the pertinent energy laws, sees the LGUs as indispensable stakeholders and reiterates the existing and potential benefit for host communities of energy project, such as Energy Regulation 1- 94 (ER 1-94), national wealth tax or government share, job creations, and other social and economic development programs;

WHEREAS, the Department of the Interior and Local Government (DILG), in support of the DOE, enjoins all LGUs to implement the directive of the President on the implementation of energy projects;

WHEREAS, the DILG and the DOE issued a Joint Memorandum Circular No. 2020-01 providing for the Guidelines for LGUs to Facilitate the Implementation of Energy Projects;



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NOW THEREFORE, BE IT ORDAINED, by the 9th *Sangguniang Panlungsod of Muntinlupa*, in order to establish, strengthen and integrate the energy policies and mechanisms, with respect to energy safety practices, energy efficiency and Conservatory energy resiliency, energy planning which includes energy access and resource development to harmonize and fast-track the implementation of the Muntinlupa City Local Energy Code, to maximize benefits from energy projects to the host communities, and to implement the necessary energy programs and projects, Be it Ordained that:

Chapter I.
PRELIMINARY PROVISIONS

SECTION 1. Title - This ordinance shall be known as the Local Energy Code of Muntinlupa City.

SECTION 2. Declaration of Policy - It is the policy of Muntinlupa City to:

- Institutionalize energy efficiency and conservation as a way of life of its constituents to secure sufficiency, stability, and reliability of energy supply.*
- Utilize available energy resource efficiently and decrease the wasteful utilization of energy through the use of energy efficiency measures and strategies;*
- Promote and encourage the development and utilization of efficient renewable energy system and technologies and other alternative sources of energy;*
- Realize economic growth and development through a sufficient and stable energy supply while ensuring the protection of health and the environment*
- Harness the participation of private sectors and other interested parties in the promotion, development, and utilization of renewable and clean source of energy in the city.*

SECTION 3. Definition of Terms - For the purposes of this Ordinance, the following terms shall have the meanings below unless indicated otherwise:

- Designated Establishments** - refers to private or public entity in the commercial, industrial, transport, power, agriculture, public works, and other sectors identified by the Department of Energy (DOE) as energy intensive industries based on their annual energy consumption as indicated in R.A. No. 11285 and as adjusted by the DOE in the previous year or an equivalent annual index; Page 3 of A) (a) Institutionalize energy efficiency and conservation as a way of life of its constituents to secure sufficiency, stability, and reliability of energy supply;



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- b. **Energy audit** - refers to the evaluation of energy consumption and review of current energy cost to determine appropriate intervention measures and efficiency projects in which energy can be judiciously and efficiently used to achieve savings;
- c. **Energy conservation** - refers to the reduction of losses and wastage in various energy stages from energy production to energy consumption through the adoption of appropriate measures that are technologically feasible, economically sound, environmentally-friendly, and socially affordable;
- d. **Energy efficiency** - refers to the way of managing and reskinning the growth in energy consumption resulting in the delivery of more services for the same energy input or the same services for less energy input.
- e. **EVOSS Act** - refers to R.A. No. 11234, otherwise known as the "Energy Virtual One-Stop Shop Act";
- f. **Government Energy Management Program (GEMP)** - refers to the government-wide program to reduce the government's monthly consumption of electricity and petroleum products through electricity efficiency and conservatory and efficiency and conservation in fuel use of government vehicles, among others;
- g. **Green Energy Option** - refers to the mechanism to empower end-users to choose renewable energy in meeting their energy requirements;
- h. **Local Energy Efficiency and Conservation Plan (LEECP)** - refers to a collaborative and multi-stakeholder comprehensive framework, governance structure, and programs prepared by the LGU for local energy efficiency and conservation with defined targets, feasible strategies, and regular monitoring and evaluation;
- i. **National Energy Efficiency and Conservation Database (NEECD)** - refers to a centralized, comprehensive, and unified database on national energy consumption, the application and use of energy efficient and renewable energy technologies, and other critical and relevant information to be used for evaluators analysis, and dissemination of data and information related to energy efficiency and conservation;
- j. **Net-Metering** - refers to a system, appropriate for distributed generation, in which a distribution grid user has a two-way connection to the grid and is only charged for his net electricity consumption and is credited for any overall contribution to the electricity grid;



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- k. **Next-generation vehicles (NGV)** - refers to proposed key technologies for reducing transport-related CO2 emissions such as Plug-in Hybrid Electric Vehicles (PHEVs), Battery Electric Vehicles (BEVs) and Fuel Cell Electric Vehicles (FCEVs).
- l. **Renewable Energy Resources** - refers to energy resources that do not have an upper limit on the total quantity to be used. Such resources are renewable on a regular basis and whose renewal rate is relatively rapid to consider availability over an indefinite period of time. These include, among others, biomass, solar, wind, geothermal, ocean energy, and hydropower conforming with internationally accepted norms and standards on dams, and other emerging renewable energy technologies;
- m. **Waste-to-Energy Technologies** - shall refer to systems which convert biodegradable materials such as, but not limited to, animal manure or agricultural waste, into useful energy through process such as anaerobic digestion, fermentation and gasification, among others, subject to the provisions and intent of Republic Act No. 8749 (Clean Air Act of 1999) and Republic Act No. 9003 (Ecological Solid Waste Management Act of 2000).

Chapter II.
ENERGY SECTOR COMMITTEE

SECTION 4. Energy Sector Committee - An Energy Sector Committee is hereby created to facilitate the implementation of energy projects, in accordance with the existing pertinent energy and other regulatory laws, and issuances. The Energy Sector Committee shall be composed of the following:

Chairperson: Local Chief Executive
Vice Chair: City Administrator

Members: Heads of the following Departments and Offices:

- City Engineering Department
- Office of the Building Official;
- Business Licensing and Permits Office;
- Environmental Protection and Natural Resources Office;
- Energy Efficiency and Conservation Office;
- General Services Office;
- Social Services Department
- City Budget and Management Department
- City Legal Office;
- City Planning and Development Office
- City Health Office
- Department of Disaster Resiliency and Management! And
- Gender and Development (GAD) Council Chair
- President of the Association of Barangay Captains;
- Representative of the Private Sector;
- Representative of the Academe and/or the Civil Social.



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SECTION 5. Powers and Functions. - The Energy Sector Committee shall have the following powers and functions:

- a. **Develop, formulate, evaluate, approve, and oversee the implementation of energy policies programs/ and projects;**
- b. **Develop and formulate policies, program and projects to promote, encourage, Assist and support the exploration and development of energy sources within the locality in support of the national government (aim of achieving an optimal energy mix from conventional, alternative, renewable, and other sources of energy.**
- c. **Develop and formulate policies that would promote and mandate the development! generation, and utilization of renewable energy resources/efficient renewable energy system and technologies, and other alternative source of energy;**
- d. **Develop and formulate policies, programs, and project that would promote and mandate energy efficiency and conservation in accordance with existing pertinent laws, policies, and issuances;**
- e. **Provide strategic direction in the implementation of Muntinlupa City Government Energy Management Program (GEMP) by developing, formulating, and adopting energy efficiency policies, programs/ projects, and measures designed to reduce the consumption of fuel, water, electricity, and other utilities;**
- f. **Incorporate the energy policies, programs, and projects into Muntinlupa Cities Spatial Plan and Comprehensive Development Plan;**
- g. **Develop and formulate a Local Energy Efficiency and Conservation Plan (LEECP) aligned with the Local Climate Change Action Plan (LCCAP) and other national directives'**
- h. **Recommend the adoption of a concise and systematic procedure to streamline the process of issuing the necessary permits on energy-related projects in accordance with RA. No. 11234, otherwise known as the EVOSS Act and the Joint Memorandum Circular No. 202G01 issued by the DILG and DOE;**
- i. **Represent Muntinlupa City in the prior and periodic consultations required by R.A. No.7160 otherwise known as the Local Government Code, before any renewable energy exploration activity is conducted within its jurisdiction;**



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- j. *Recommend the approval of financial arrangements for energy efficiency projects following the procedures laid down in pertinent laws, rules and regulation policies and issuances;*
- k. *Recommend to the Local Development Council the incorporation of energy programs and projects including energy efficiency and conservation programs to the Investment Priority Areas (IPA) and, when appropriate, recommend the granting of applicable incentives in the Local Investments Incentive Plan (LIIP) to establishments with energy efficiency projects upon prior compliance with the applicable rules and regulations;*
- l. *Ensure the strict enforcement of the penalty provisions of existing energy laws, rules and regulations, and other issuances;*
- m. *Perform such other powers and functions necessary to attain the objectives of this code.*

Chapter III.
ENERGY DEVELOPMENT
Article I.

Exploration and Development of Energy Resources

SECTION 6. Policy on Energy Development. It shall be the policy of Muntinlupa City to promote, encourage assist, and support the exploration and development of energy sources within its locality in support of the national government's aim of achieving an optimal energy mix from conventional, alternative, renewable, and other sources of energy.

SECTION 7. Energy Resource Assessment. The City Engineering Department shall consider the conduct of a survey, assessment review, and evaluation of potential energy resources in its jurisdiction once every three (3) years to determine the feasibility or viability of conducting exploration and development and submit the same to the Energy Sector Committee. This shall be done in partnership with the DOE.

SECTION 8. Promotion and Development of Renewable and Alternative Energy. In line with the national policy of reducing dependence on conventional sources of energy and minimizing greenhouse gas emissions, Muntinlupa City shall promote the development and utilization of indigenous renewable and alternative sources of energy in its jurisdictions. The Energy Sector Committee shall develop and formulate a policy that promotes and require, if feasible Muntinlupa City designated establishments, such other establishments to be determined by the committee, to:

- a. *Source such percentage of their energy requirement from renewable and alternative sources through the Green Energy Option Program;*



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- b. *Utilize net-metering; and*
- c. *Adopt waste-to-energy technologies.*

Article II.
Incorporation of Energy Projects into the
Muntinlupa City Spatial Plan and Comprehensive Development Plan

SECTION 9. *Incorporation of Energy Projects.* The City Planning and Development Office shall incorporate the energy programs/ policies, and projects into its spatial plan (Physical Framework Plan or Comprehensive Land Use Plan, whichever is applicable) and the Comprehensive Development Plan.

SECTION 10. *Spatial Plan.* The Spatial Plan shall incorporate and embody the following:

- (a) ***Identifying Upstream and Downstream Energy Facilities.*** The City Planning and Development Office, in consultation with concerned stakeholders, shall identify stream conventional (coal, petroleum, or natural gas) and/or renewable energy (biomass, geothermal, solar, hydropower, ocean, and wind) energy resources within its area of jurisdiction which shall be posted on a conspicuous area within the City Hall and in the official website of Muntinlupa Site;
- (b) ***Plotting of Energy Facilities.*** The City Planning and Development Office, in consultation with concerned stakeholders, shall plot existing upstream and downstream energy facilities with coordinates in accordance with the Philippine Reference System 1992 (PRS 92);
- (c) ***Coordination with the Private Sector.*** The City Planning and Development Office shall coordinate with existing private sector stakeholders on the expansion plans of the existing upstream and downstream energy facilities;
- (d) ***Submission of Data.*** The City Planning and Development Office shall cause submission of the data required by this section to the Department of Energy, and the DILG Regional Office, provided, that all such data shall likewise be submitted to the DILG - Bureau of Local Government Development and the DOE- Investment Promotion Office;
- (e) ***Coordination with Public-Private Partnership (PPP) Center.*** The Energy Sector Committee shall coordinate with the Public-Private Partnership (PPP) Center for energy investment opportunities and potential Private Public Partnerships.



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SECTION 11. Incorporation into the **Comprehensive Development Plan (CDP)** of the Benefits of Energy Projects. The City Planning and Development Office, in cooperation and coordination with the relevant Barangay, shall monitor and collect the benefits of energy projects and incorporate these benefits in the Comprehensive Development Plan. The benefits to host communities from the energy projects include, but shall not be limited to, those provided under Energy Regulation 1-94 (ER 1-94) and the National Wealth Tax. The City Planning and Development Office shall include all local energy policies, plans, and programs covering energy safety and best practices, energy efficiency and conservation and energy resiliency in the Comprehensive Development Plan which shall be submitted to the Regional Development Council and integrated to the Regional Development Plan.

Chapter IV.
POWER DISTRIBUTION DEVELOPMENT

SECTION 12. Power Distribution - It shall be the policy of Muntinlupa City to achieve total electrification of all households and establishments in its jurisdiction and to ensure the delivery of reliable, secure, and affordable electrical service in its locality.

SECTION 13. Anti-obstruction of Power Lines - Muntinlupa City shall ensure compliance with R.A. No. 11361, otherwise known as the Anti-Obstruction of Power Lines Act. The Energy Sector Committee shall develop and formulate guidelines for the prohibition of hazardous activities and hazardous improvements, as defined in the said law, which threaten or endanger continuous and uninterrupted conveyance of electricity in its jurisdiction.

Chapter V.
ENERGY PERMITS REGULATORY REFORMS

Section 14. Implementation of the EVOSS Act - It shall be the policy of the Muntinlupa City to streamline the process in issuing the necessary permits on energy-related projects in accordance with R.A. No. 11234, otherwise known as the EVOSS Act.

Section 15. Duties of the Energy Sector Committee - The Energy Sector Committee shall develop and formulate a unified transparent and streamlined permitting process and procedure for all energy-related projects. The committee shall likewise provide a streamlined list of all documentary requirements as well as the corresponding fees for all energy-related project applications. The said permitting process and procedure, together with the documentary requirements and the corresponding fees, shall be submitted to the EVOSS Steering Committee through the Secretariat the DOE-Investment Promotion Office, and the DILG Regional Office.



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SECTION 16. Time Frame. Muntinlupa City shall process permits within the prescribed time frame as provided for in the EVOSS Act to fast track the processing of necessary permits and expedite their issuance. Upon the submission of the complete documentary requirements by the energy project applicant Muntinlupa City Business Permits and Licensing Office (BPLO) shall resolve the application within fifteen (15) calendar days for the proposed energy project unless a short time frame for resolution of applications is imposed by the EVOSS Steering Committee should it see the expediency and feasibility of doing so. The denial of applications shall only be on valid grounds which must be fully explained in writing to the applicant.

Section 17. Deemed Approved - Failure to act on applications duly submitted with complete supporting electronic documents within the time frame shall be deemed an approval of such application without need of further action on the part of the energy project applicant. The duly received application form of the energy project applicant shall serve as the relevant permit.

SECTION 18. Designated Person - The Local Chief Executive shall designate a focal person" in charge of managing the Muntinlupa City's EVOSS account to ensure proper monitoring and updating of electronic documents. The Muntinlupa City's focal person shall likewise be responsible for the following:

- Ensure the full and proper implementation of the EVOSS Act**
- Cause the Citizens Charter to be updated to conform with the EVOSS Act and to publish the same by posting information billboards at the main entrance of offices or at the most conspicuous place and in the Muntinlupa City's website;**
- Implement the Zero-Contact Policy mandated by RA No. 1.1032, otherwise known as the Ease of Doing Business and Efficient Government Service Delivery Act of 2018;**
- Formulate and implement a feedback mechanism by which the applicants or requesting parties may provide information on how the provision of the Citizens Charter and the provisions of the EVOSS Act are being followed.**

Chapter VI.
DOWNSTREAM OIL FACILITIES

SECTION 1.9. Suspension of Operations by the LGU - Muntinlupa City shall assist the DOE in stopping the actual operation of Liquefied Fuel (LF) Retail Outlets or Gasoline Stations, Household Liquefied Petroleum Gas (LPG) Establishments (i.e., Refilled, Dealer, and/or Retailer), and Auto LPG Dispensing Stations which do not have the DOE Certificate of Compliance (COC) and Standards Compliance Certificate (SCC) through the suspension of their Mayor's/Business Permit.

SECTION 20. Calibration of Instruments of Weights and Measures - Muntinlupa City shall enforce its mandate to calibrate instruments of weights and measures of dispensing pump meters in LF Retail Outlets and weighing devices in LPG Establishments.



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SECTION 21. Implementation of Price Freeze. - The Muntinlupa City shall implement price freeze of household LPG and kerosene upon the declaration of state of calamity in the locality. The price freeze will be implemented for a maximum period of fifteen (15) days. The Local Chief Executive may designate a responsible officer from the Engineering Office or the Planning Office, starting from the day of the official declaration. Monitoring of LPG and kerosene prices that will serve as basis for the price freeze shall be regularly conducted.

SECTION 22. Compliance with the Energy Efficiency and Conservation Act - The Muntinlupa City shall comply with the provisions of R.A. No. 11285, otherwise known as the Energy Efficiency and Conservation Act.

SECTION 23. Local Energy Efficiency and Conservation Plan - The Energy Sector Committee shall, in consultation and coordination with the DOE, DILG and relevant stakeholders, develop and formulate a Local Energy Efficiency and Conservation Plan (LEECP) aligned with the Muntinlupa City, Enhanced Local Climate Change Action Plan (LCCAP) and other national directives and submit the same for adoption by the Sanggunian. The Local Energy Efficiency and Conservation Plan (LEECP) shall be incorporated in the Comprehensive Development Plan.

SECTION 24. Creation of the Energy Efficiency and Conservation Office (EECO) - There shall be established an Energy Efficiency and Conservation Office (EECO), which shall be under the supervision of the Energy Sector Committee. The EECO shall be headed by an Energy Efficiency and Conservation Officer who shall be appointed by the Local Chief Executive and who possess all the qualifications and attributes provided under RA. No. 11285.

SECTION 25. Powers and Functions of the EECO - The EECO shall have the following powers and functions:

- Ensure compliance by Muntinlupa City with the provisions of R.A. No. 11285 otherwise known as the Energy Efficiency and Conservation Act
- Implement the LEECP and monitor compliance therewith;
- Undertake energy audit of all Muntinlupa City's facilities every three (3) years and prepare an energy audit report to be submitted to the Energy Sector Committee.
- Implement the Muntinlupa City's energy conservation program pursuant to the Government Energy Management Program (GEMP) and issue a report describing the status of the Muntinlupa City's energy efficiency projects;
- Assist the DOE in (i) monitoring compliance of designated establishments in accordance with SECTION 7 of R.A. No. 11285 for input in the National Energy Efficiency and Conservation Database (NEECD); and (ii) enforcing and ensuring compliance with prescribed ratings standards for energy performance in buildings and industries in accordance with building permit issuance pursuant to Section-18 of R.A. No. 11285. For these purposes, EECO shall have visitorial power and the power to conduct on-site inspections;



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- (f) Require all designated establishments in the locality to submit an annual energy consumption report, annual energy conservation report, and an energy audit report upon completion of the energy audit once every three (3) years;
- (g) Assist in implementing compliance of new building construction and retrofit of buildings with the minimum requirements specified in the Guidelines on Energy Conserving Design on Buildings issued by the DOE in consultation with the DPWH, provided that state-owned buildings and facilities shall comply with the Government Energy Management Program (GEMP), Green Building Code and other relevant guidelines, prior to the issuance of building permits;
- (h) Conduct information education, communication campaign designed to capacitate Muntinlupa City's Constituents on energy safety practices, energy planning, energy efficiency and conservatory and energy resiliency;
- (i) Administer and oversee the granting of awards and citations under this code;
- (j) Subject to the supervision of the Energy Sector Committee, perform such other powers and functions necessary to attain the objectives of this ordinance.

SECTION 26. Energy Efficiency and Conservation Officer - The **EEC Officer**, who shall head the **EECO** must be at least a college graduate, possesses all the qualifications of an **ECC Officer** under R.A. No. 11280 and with relevant trainings and/or experience on energy efficiency, conservatory and utilization. He may be designated by the Local Chief Executive from the existing personnel of the LGU or hired through external recruitment. The **EEC Officer** shall be responsible for carrying out the duties, powers, and functions of the **EECO**.

SECTION 27. Funding for the EECO and Remuneration of the EEC Officer - Funding requirements for the remuneration of the EEC Officer's services shall be charged to the existing fund of Muntinlupa City.

SECTION 28. Barangay EEC Focal Person - Each barangay shall have an Energy Efficiency and Conservation Focal Person to be designated by the Barangay Chairman from the incumbent officials or existing personnel of the barangay. The Barangay EEC Focal Person shall be responsible for:

- a) **Promoting and mainstreaming energy efficiency and conservation measures and practices within the barangay;**
- b) **Ensuring the barangay's compliance with the Government Energy Management Program (GEMP);**
- c) **Conducting information, education communication campaign on energy efficiency and conservation within the barangay;**
- d) **Performing such other powers and functions necessary to attain the objectives of Muntinlupa City's energy efficiency and conservation policies and programs.**



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Chapter VIII.
TRANSPORTATION

SECTION 29. Adoption and Utilization of Alternative Fuels and Technologies.

- It shall be the policy of Muntinlupa City to promote greater adoption, utilization, commercialization of Alternative Fuels and Technologies, such as auto LPG, electric, LNG and CNG, in the transport sector to reduce reliance on conventional fuels and lessen carbon emission.

SECTION 30. Muntinlupa City Vehicle Re-fleetng - Muntinlupa City shall prioritize the acquisition of next generation vehicles that utilize Alternative Fuels and Technologies in its vehicle re-fleetng program.

SECTION 31. Infrastructure Support - The LGU shall support the commercialization of next generation vehicles that utilize Alternative Fuels and Technologies such as, but not limited, to:

- (a) **Development of dedicated parking lots with installed charging stations in every public and private establishment**
- (b) **Installation of public charging stations electric vehicles and refueling stations for LNG and CNG fueled vehicles;**
- (c) **Creation of green routes where bicycles, electric bikes, electric scooters will exclusively pass through;**
- (d) **Establishment of motor shops that provide after sales service to next generation vehicles within its locality;**
- (e) **Offering free training to technicians on repair and maintenance of next generation vehicles;**
- (f) **Incentivizing the private/business sector for the promotion of "next generation" vehicles';**
- (g) **Such other programs, projects, and facilities that promote the mainstreaming and commercialization of next generation vehicles.**

SECTION 32. Emerging Technologies - Muntinlupa City shall regularly conduct assessment of emerging energy technologies in the transport sector and develop and formulate policies for their adoption and utilization.

SECTION 33. Local Investment Incentives Plan (LIIP) - In coordination with the PPP Center, the LGU Energy. Sector Committee may explore energy development efficiency and conservation, safety, and resiliency projects with the private sector. Pursuant to Section 109 of RA 7160 and in the interest of promoting energy efficiency in the local setting, Muntinlupa City, through the Local Development Councils, shall include all energy projects including efficiency and conservation projects in the Investment Priority Areas (IPA). Furthermore, Muntinlupa City shall encourage the participation of the private sector on opportunities provided by the pertinent prevailing upstream and downstream laws.



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Chapter X. ENVIRONMENTAL MANAGEMENT

SECTION 34. Compliance with Environmental Regulations. - Muntinlupa City shall ensure that all energy projects and facilities in its jurisdiction strictly implement environmental impact mitigation and enhancement measures. Compliance of all energy projects and facilities with other pertinent existing environmental rules and regulations shall be strictly enforced and monitored.

SECTION 35. Monitoring and Compliance. - The Muntinlupa City Environment Cluster such as the Environmental Protection and Natural Resources Office (EPNRO) Lake Management Office (LMO), Environmental Sanitation Center (ESC), Business Permits and Licensing Office (BPLO), and the Sanitation Division of the City Health Office (CHO), shall assist the DOE in conducting regular environmental compliance monitoring of energy projects and facilities to ensure that all environmental quality standards are observed. The Muntinlupa City Environment Cluster such as the EPNRO ESC, and LMO, BPLO, and the Sanitation Division of the City Health Office shall ensure that all energy projects and facilities strictly comply with their (1) Environmental Management Plan or Environmental Management and Monitoring Plan which should cover air quality, water quality, biodiversity, and waste management (2) Environmental Compliance Certificates (ECC) conditionality's, and (3) other pertinent existing regulations. The Muntinlupa City Environment Cluster such as the EPNRO ESC and LMO, BPLO and the Sanitation Division of the City Health Office shall designate from the department's existing personnel representatives to Multi-Partite Monitoring Team (MMT) to projects and undertakings required to organize such MMT.

SECTION 35. Waste Management Collection, Recycling, and Disposal. - The ESC, CHO and other responsible office/department, shall ensure that the pertinent existing laws, guidelines, and rules and regulations on waste management collection, recycling and disposal of wastes arising from energy-consuming devices, equipment, fixtures and other relevant items, including end-of life vehicles and their component parts, are strictly enforced and monitored. The guidelines on appropriate containment features and management measures for hazardous wastes consistent with R.A. No. 6969, otherwise known as the "Toxic Substance and Hazardous and Nuclear Wastes Control Act of 1990," shall be strictly enforced and monitored by the Muntintupa City Environment Cluster, and CHO.

Chapter XI. RESILIENCY

SECTION 37. Policy on Resiliency - It is the policy of Muntinlupa City to require all energy projects and facilities within its jurisdiction to develop formulate and adopt mitigation and adaptation measures against the adverse impacts of climate change, destructive environmental conditions, human-induced calamities, interruptions, and other system disturbance to ensure that the energy system shall be resilient from all types of risks and vulnerabilities.



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SECTION 38. Assessment of Energy Infrastructure and System Vulnerability

- The City Engineering Department with other concerned offices, shall annually conduct an assessment of energy infrastructure and system vulnerability and provide recommendations to improve the resiliency of energy projects and facilities.

SECTION 39. Structural Adaptations - The Office of the Building Official shall ensure the integration of structural adaptations into the structural designs of energy infrastructures and implementation of infrastructure reinforcement measures on existing energy infrastructures.

SECTION 40. Local Energy Contingency Plan. - The Energy Sector Committee shall develop and formulate a Local Energy Contingency Plan that lays down the processes and procedures that shall govern in the event of disasters and emergencies. The plan should ensure that necessary electricity service and fuel supply would be uninterrupted or restored to vital public service and critical and strategic activities during and after the occurrence of a disaster or emergency.

SECTION 41. Business and Service Continuity Plan. - All business establishments, public facilities, and government offices providing essential goods and services shall annually submit a Business Continuity Plan or Public Service Continuity Plan, as the case may be, that lays down the processes and procedures to be adopted in order to maintain business functions or the delivery of public service in the event of power, and fuel delivery interruption whether or not caused by a disaster or emergency.

Chapter XII.

INFORMATION, EDUCATION, AND COMMUNICATION CAMPAIGN

SECTION 42. Information Education and Communication Campaign. - Muntinlupa City, through the EECO in collaboration with the Public Information Office (PIO), and in coordination with the DILG and the DOE, shall disseminate and capacitate its concerned stakeholders and constituents on energy safety practices/ energy efficiency and conservation, energy resiliency, energy planning which include energy access and resource development energy programs, policies and projects.

SECTION 43. Promotion and Integration of Energy Efficiency and Conservation in school curriculum. - The EECO shall coordinate with the Department of Education and the Commission on Higher Education for the integration of energy efficiency and conservation practices in school curricula.



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Chapter XIII.
AWARDS AND CITATIONS

SECTION 44. Awards and Citations - Muntinlupa City shall grant appropriate recognitions, awards, and citations, including cash and non-cash rewards, to individual juridical entities, business establishments, organization offices, and households that shall exhibit best practices in energy efficiency and conservation. Awards and citations shall likewise be given for innovations in energy development and energy efficiency and conservation best practices. Special awards shall be given to women, children, youth and other sectors for innovations in energy development and energy efficiency and conservation best practices.

Chapter XIV.
FINAL PROVISIONS

SECTION 45. Separability Clause. if for any reason, any section of provision of this Ordinance is declared illegal or unconstitutional other sections or provisions hereof which are not affected thereby shall continue to be in full force and effect.

SECTION 46. Repealing Clause. All previous issuances, ordinances, rules and regulations or parts thereof which are inconsistent or in conflict with the provisions of this Ordinance are hereby repealed or modified accordingly.

SECTION 47. Effectivity Clause. This Ordinance shall take effect fifteen (15) days after its approval and posting at the bulletin board at the entrance of the city hall and two (2) other conspicuous places within the local government.

ENACTED, by the 9th Sangguniang Panlungsod of Muntinlupa this 6th day of December 2021, on its 126th Regular Session.

CONCURRED:

DISTRICT 1:

COUN. ATTY. RAUL R. CORRO
Member

COUN. ALEXSON V. DIAZ
Member

COUN. PATY KATY C. BONCAYAO
Member

COUN. LOUISITO A. ARCIAGA
Member

COUN. ALLAN REY A. CAMILON
Member

COUN. TING NIEFES
Member



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COUN. STEPHANIE G. TEVES
Member

COUN. IVEE RHIA A. TADEFA
Member

DISTRICT 2:

COUN. ENGR. MARISSA C. RONGAVILLA
Member

COUN. FRANCIS IAN T. BAGATSING
Member

COUN. MARK LESTER M. BAES
Member

COUN. MA. DRESIREE G. AREVALO
Member

COUN. ENGR. MAMERTO T. SEVILLA, JR.
Member

COUN. ENGR. ARLENE D. HILAPO
Member

COUN. CORNELIO M. MARTINEZ
Member

COUN. WALTER A. ARCILLA
President
Sectoral Representative
Association of Barangay Chairman

COUN. KENICHI D. TAKAGI, JR.
President
Sectoral Representative
Federation of Sangguniang Kabataan

I HEREBY CERTIFY, as to the correctness of the foregoing Ordinance.

CECILIA C. LAZARTE
Secretary to the Sanggunian



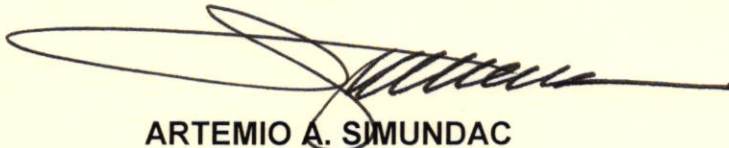
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ATTESTED:



ARTEMIO A. SIMUNDAC
City Vice-Mayor/Presiding Officer

APPROVED:

ATTY. JAIME R. FRESNEDI
City Mayor

Date: 14 DEC 2021

Norie/9th SP