

**MINISTERIAL DECISION
LVI /D /586**

ARTIFICIAL INTELLIGENCE: THE ENERGY OF THE FUTURE

**SANTO DOMINGO, DOMINICAN REPUBLIC
9/10/2026**

THE LVI MEETING OF MINISTERS

CONSIDERING:

THAT in accordance with the provisions of paragraphs b) and n) of Article 3 of the Lima Agreement, OLACDE has among its objectives and functions to join forces to promote the independent development of the energy resources and capacities of the Member States; and to promote the development and dissemination of technologies in energy-related activities.

THAT by virtue of the provisions of paragraph c) of Article 10 of the Lima Agreement, the Meeting of Ministers has among its powers to approve the Working Program of the Organization and evaluate its results.

THAT the current 2026-2029 Triennial Management Plan of the Executive Secretariat of OLACDE, in its strategic pillar No. 5: "Energy Transitions, New Technologies and Innovation", aimed at accelerating transitions through the promotion of new technologies, recognizes that the progress of artificial intelligence (AI) in Latin America and the Caribbean will constitute a relevant factor in the growth of electricity demand in the region; and, consequently, raises the need to transform the rise of digitization and AI into an opportunity for the development of the energy sector, preventing it from becoming a limitation for its harmonious and sustainable development.

THAT the Member States of OLACDE are committed to the fulfillment of the 2030 Agenda for Sustainable Development, in particular with the objectives related to technological development, innovation, infrastructure modernization, and access to affordable, safe and modern energy, as fundamental pillars for increasing productivity and sustainable growth.

THAT artificial intelligence constitutes a strategic technology to guarantee the transformation of the sector, since it facilitates the optimization of all activities linked to the energy chain, from production to consumption, also allowing the achievement of advances in energy efficiency and the incorporation of new actors, sources and technologies, and positioning itself as a fundamental element for the development of advanced energy management systems, which facilitate the realization of demand and generation forecasts, and enable options for the decarbonization of the sector.

THAT the implementation of artificial intelligence in the energy sector poses important challenges in terms of knowledge, governance, regulation, security and data protection, ethical use of technology, impacts, among others that require coordinated action by OLACDE Member States in order to achieve an effective adoption of artificial intelligence in the energy sector of Latin America and the Caribbean.

THAT the expansion of technologies, associated with artificial intelligence is generating significant increases in electricity demand, characterized by high power requirements, continuous operation and a high consumption density, which produces negative impacts on the

base load of electrical systems and poses important challenges for the expansion of generation capacity and networks, as well as for the maintenance of a competitive, efficient, sustainable and safe electricity supply, with effects that are projected in the sustained growth of future electricity demand.

In exercise of its powers:

DECIDES:

ARTICLE ONE: INSTRUCT the Permanent Secretariat of OLACDE to carry out a regional diagnosis on the adoption, application and impact of artificial intelligence in the energy sector, identifying opportunities, challenges, technological gaps and institutional strengthening needs in the Member States.

ARTICLE TWO: INSTRUCT OLACDE to promote the development and implementation of initiatives, programs and projects aimed at the application of artificial intelligence in the energy sector, including smart grids, energy efficiency, renewable energies and management of energy systems.

ARTICLE THREE: URGE Member States to promote, in the development and use of artificial intelligence in the energy sector, respect for the principles of: humanism, equity and environmental responsibility, valuing cybersecurity, privacy, transparency, accountability, open science, excellence and other elements considered essential for its ethical development. The Permanent Secretariat of OLACDE will create a OTG to monitor compliance, harmonize national frameworks and promote international cooperation, ensuring that the digital transformation is sustainable, fair and at the service of the peoples of the region.

ARTICLE FOUR: INSTRUCT the Permanent Secretariat of OLACDE to develop a study that evaluates the regional impact of the development and expansion of artificial intelligence, including the data processing centers associated with it, on electricity demand, including its implications in the planning of generation, transmission and distribution capacity, as well as in the maintenance of a competitive, efficient, safe and sustainable electricity supply, which adequately manages demand and promotes the integration of renewable sources and storage technologies.

ARTICLE FIVE: URGE the Permanent Secretariat of OLACDE to support Member States in the design of policy, regulatory, normative and strategic frameworks that guide the safe, ethical and efficient use of artificial intelligence in the energy sector.

ARTICLE SIX: INSTRUCT the Permanent Secretariat of OLACDE to promote technical cooperation, the exchange of good practices and articulation with international organizations, academia and the private sector, to strengthen the use of artificial intelligence in the energy sector.

ARTICLE SEVEN: INSTRUCT the Permanent Secretariat of OLACDE to manage technical and financial resources necessary for the implementation of this Decision, including strategic alliances and international cooperation mechanisms.

ARTICLE EIGHT: URGE the National Coordinations of the Member Countries to provide the necessary support for the implementation of the actions contained in this Ministerial Decision.



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