



POL-03 Energy Efficiency	<i>Edition</i>	<i>Effective Date Start</i>
	2.1	09/24/2020

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REVIEW/SUPPORT:

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APPROVAL:

Executive Board (DE) - RES-515/2020, of 08/24/2020
 Board of Directors (CA) - DEL-160/2020, of 09/24/2020

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1 INTRODUCTION

1.1 OBJECTIVE

To establish guidelines that promote, guide, and prioritize energy efficiency at AXIA Energia, adapting to the economic, social, regional, and environmental context of each company, analyzing the energy chain across its various segments, with the aim of optimizing investment and other business gains in the generation, transmission, and consumption of electric energy, in line with the strategic planning and business plan of AXIA Energia.

1.2 SCOPE

This policy applies to the professionals, managers, executives and board members of AXIA Energia.

2 REFERENCES

- 2.1 ABNT NBR ISO 50001:2018
- 2.2 National Energy Efficiency Plan – PNEf.
- 2.3 Code of Conduct.
- 2.4 Corporate Bylaws.
- 2.5 Business and Management Master Plan.
- 2.6 Strategic Plan.
- 2.7 Delegation of Authority Policy.
- 2.8 Research, Development and Innovation Policy.
- 2.9 Sustainability Policy.
- 2.10 Related Party Transactions and Conflict of Interest Management Policy.

3 CONCEPTS

3.1 CONCEPTS AND DEFINITIONS

3.1.1 AXIA Energia – Centrais Elétricas Brasileiras S/A and companies in which it holds direct or indirect corporate control.

3.1.2 Inter-American Development Bank (IDB) - The IDB Group is composed of the Inter-American Development Bank, the Inter-American Investment Corporation (IIC), and the Multilateral Investment Fund (MIF). The IIC focuses on financing small and medium-sized enterprises, while the MIF promotes private sector growth through investments and non-reimbursable technical cooperation operations, with an emphasis on microenterprises.



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3.1.3 Energy Chain / Energy System - A sequence of processes through which energy from Nature is progressively obtained, converted, transmitted, used, and eventually stored.

3.1.4 Board of Directors (CA) - The collegiate body of AXIA Energia responsible for setting the general direction of the company's business, defining its strategic direction, ensuring the proper functioning of governance, risk management, and internal control systems, and ensuring an orderly management succession.

3.1.5 Executive Board (DE) – A collegiate body composed of the President and Vice-Presidents, which holds specific powers and authorities granted by the Articles of Association and the Board of Directors.

3.1.6 Global Environmental Facility (GEF) - A worldwide partnership network established since 1991 among 178 countries, international institutions, non-governmental organizations and the private sector, with the aim of supporting developing countries through the financing of environmental protection and sustainable development initiatives.

3.1.7 Energy Efficiency - An activity that seeks to optimize the use of energy sources; that is, it consists of using less energy to deliver the same amount of energy value.

3.1.8 Losses - Defined as the difference between the energy consumed and the resulting energy effect. They can be reversible losses, which arise from heat-to-work transformations and vice versa, and irreversible losses, caused by real inefficiencies. The latter, in turn, are divided into technical losses and commercial losses.

3.1.9 Professional – For the purposes of this standard, this term is equivalent to the term worker as described in ISO 45001 – a person who performs work or work-related activities under the control of AXIA Energia.

Note 1: Persons who perform work or work-related activities under various arrangements, whether paid or unpaid, on a regular or temporary, intermittent or seasonal, casual or part-time basis.

Note 2: The professionals include the Management, people at managerial level and non-managerial level.

Note 3: Work or work-related activities performed under the control of the organization may be carried out by professionals employed by the organization, professionals from external suppliers, contractors, individuals, agency workers, and other persons, to the extent that the organization shares control over their work or work-related activities, in accordance with the context of the organization.

3.1.10 Energy Management Systems - "A management system that establishes an energy policy, objectives, energy targets, action plans, and process(es) to achieve energy objectives and targets" (ABNT NBR ISO 50001:2018).

4 PRINCIPLES

4.1 Guidance of energy efficiency actions through technical, economic, financial, business, legal, and integrity aspects, as enabling elements of the vision, mission, and values established for AXIA Energia in an integrated strategic plan.

4.2 Development of short-, medium- and long- term strategic investment plans in energy efficiency aligned with the companies' strategies and with the AXIA Energia strategic plan, aiming for resource savings and the possibility of increasing

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profitability and business competitiveness of generation and transmission systems, as well as the reduction of environmental impacts.

4.3 Compliance with the Sustainability Policy guidelines, acting as a driver of energy efficiency, seeking greater rationality in the use of natural resources and promoting the development and use of technologies, processes, and systems for this purpose.

4.4 Contribution to reducing the level of carbon emissions in the energy production chain, from the perspective of an environmentally sustainable model that meets the needs and specificities of AXIA Energia.

4.5 Pursuit of excellence in corporate energy efficiency by operating across the entire energy chain and integrating the results achieved for AXIA Energia.

4.6 Inspiration in the formulation of sector programs and fiscal and non-fiscal incentives for energy efficiency, especially those aimed at the electricity sector.

4.7 Development of human, technical, and managerial resources within AXIA Energia, in qualitative and quantitative terms, at levels compatible with its energy efficiency needs and the application of renewable energies.

4.8 Optimization of energy efficiency investments and actions within AXIA Energia, through the systemic engagement of integrated companies aligned with corporate objectives, seeking to operate within a network of relationships at national and regional levels, and building internal and external partnerships.

4.9 Acting in compliance with the Integrity Program and the Code of Conduct, as well as with applicable legislation.

5 GUIDELINES

5.1 To act with a focus on the mission, vision, and strategic objectives set out in the Strategic Plan, as well as the developments established in the Business and Management Master Plan and the companies' Business and Management Plans.

5.2 To ensure that the actions arising from this policy comply with the criteria established in the Articles of Association, the Decision-Making Authority Standard, and the Related-Party Transaction and Conflict of Interest Policy.

5.3 To establish energy efficiency management areas within AXIA Energia in a strategic manner, with the autonomy to work alongside other areas of the company.

5.4 To promote the sharing and dissemination of the benefits, opportunities, and results of energy efficiency actions across AXIA Energia.

5.5 To work in an integrated manner with the guidelines of AXIA Energia's R&D+I Policy in the search for new solutions aimed at improving the companies' energy efficiency, prioritizing the integrated use of their laboratories to strengthen regional competencies, foster synergies among these companies, and optimize resources.

5.6 To analyze the regulatory framework and promote the appropriate actions so that investments in generation efficiency, transmission capacity enhancement, and loss reduction projects have their results and investments recognized by the regulatory authorities.



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5.7 To encourage cooperation mechanisms among government bodies, industry associations, the supplier market, energy efficiency programs, and others.

5.8 To promote the creation of Energy Management Systems within companies, where energy efficiency activities are carried out in an orderly and recurring manner, providing continuous improvement of energy performance.

5.9 To promote measures to better achieve this policy within the companies, including:

- a) standardization of procedures, models for contractual instruments, and documentation of energy efficiency project results among the companies;
- b) definition of criteria for the selection and prioritization of energy efficiency projects.

5.10 To encourage the adoption of best practices in Energy Efficiency, combined with the application of Renewable Energies.

5.11 To define performance indicators in a normative document compatible with the specific characteristics of each company, indicating those responsible for monitoring them. The indicators must be submitted to the Integrated Energy Efficiency Committee of the System for approval.

6 RESPONSIBILITIES

6.1 Managers and Professionals

6.1.1 To observe the principles and guidelines established in this policy when drafting, updating, or approving policies or standards.

6.2 Integrated Energy Efficiency Committee of the System

6.2.1 To act as the manager of this policy, promoting its implementation, dissemination, monitoring, and evaluation within AXIA Energia, as well as acting with a focus on the strategic objectives set out in the Strategic Plan, and on the developments established in the Business and Management Master Plan and the Business and Management Plans.

6.3 Executive Board (DE)

6.3.1 To approve this policy and ensure its implementation.

6.4 Board of Directors (CA)

6.4.1 To approve this policy.

6.5 Energy Efficiency Area

6.5.1 To support the coordination of CIEESE in the development of its responsibilities and operationalize the activities arising from this policy at AXIA Energia.

7 GENERAL PROVISIONS



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- 7.1 The following mechanisms and sources of funding for this policy are possible:
- a) own budgetary resources of AXIA Energia;
 - b) resources made available by Law No. 9,991/2000, as amended by Law No. 13,280/2016, to regulate the allocation of resources for energy efficiency programs (Procel);
 - c) resources from multilateral organizations and from other international sources of funding for technological development, such as the World Bank, IDB, GEF, among others;
 - d) budgetary resources and other national and/or state development funds for energy efficiency, to be applied to sectoral technological production;
 - e) resources from Clean Development Mechanism (CDM) projects (carbon credits) or cooperative actions aimed at climate protection.
- 7.2 The legal and regulatory provisions related to this subject, as well as the company's specific current legal determinations and agreements, must be observed.
- 7.3 This policy may be broken down into other specific normative documents, always aligned with the guidelines established herein.
- 7.4 All normative documents and provisions contrary to this policy are hereby revoked.

8 REVISION HISTORY

Edition	Name	Doc. and approval date
2.0	Energy Efficiency Policy of Eletrobras Companies	RES-515/2020 of 08/24/2020 and DEL-160/2020 of 09/24/2020
2.1	Main changes	
<i>New standardization and adaptation of the normative document.</i>		