

 <p>Sonhar, realizar, crescer.</p>	<p align="center">POLICY ENERGY EFFICIENCY</p>	<p align="center">MDB.ENG.PL.I.0001- R0</p>
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1. OBJECTIVE

Establish guidelines that guide, foster and prioritize energy efficiency at M. Dias Branco, through the analysis of the value chain in its various segments in order to optimize investments and the use of energy resources, in line with the company's sustainability guidelines and energy efficiency master plan.

2. APPLICATION

All units, areas and macro-processes of the company M. Dias Branco.

3. RESPONSIBLE MANAGERS

Technical and Operations Directorate
People, Management and Sustainability Board
Electrical Technical Management
Communication, Culture and Sustainability Management

4. DESCRIPTION

4.1. Introduction

This policy establishes M. Dias Branco's commitment to making Energy Efficiency a fundamental part of the decision-making and practices of each business. This document is aligned with the mission, vision and values and reinforces the commitments made in the Sustainability Policy (MDB. SUS. PL.001) and in the Integrated Management System Policy (MDB. SGI. PL.001).

4.1.1. Energy Efficiency Concept

Produce or perform a certain work with the least possible amount of energy resources.

4.2. Principles

The principles that guide this policy are listed below, in line with the guidelines of the National Council for Energy Policies (CNPE), ISO 50.001 - Energy Management and the PDE - Energy Master Plan of M. Dias Branco:

- ✓ Protect the environment;
- ✓ Increase the company's competitiveness;
- ✓ Encourage the use of clean energy;
- ✓ Mitigate greenhouse gas emissions;
- ✓ Promote better energy performance;
- ✓ Valuing energy resources;

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4.3. Central and Relevant Themes

Through a materiality process, which identifies the issues related to energy efficiency with the greatest economic, social and environmental impact, the following central and relevant themes were defined for M. Dias Branco:

- ✓ Efficient Processes;
- ✓ Investment in Energy Efficiency;
- ✓ Energy Efficiency Culture;
- ✓ Efficient Machines;
- ✓ energy inputs;
- ✓ Energy Security;
- ✓ Diversification of the Energy Matrix;
- ✓ Sustainability.

4.4. Guidelines

The central and relevant themes in Energy Efficiency represent the following guidelines that guide the company's practices and processes, with the establishment of objectives and goals, thus composing the Energy Efficiency Master Plan:

4.4.1. Efficient Processes

Incorporate and promote a management model with goals of reducing specific consumption indicators, in operations throughout the company's value chain, including Industry, Mills, Logistics, Administrative, Commercial, Supplies, CIT, R&D, Legal and all other related areas.

4.4.2. Investment in Energy Efficiency

Maintain corporate investments focused on a constant reduction of the energy consumption needed for the value chain.

4.4.3. Energy Efficiency Culture

Develop a culture of energy efficiency through education and communication actions that encourage employees to adopt an efficient attitude in their daily lives, with a focus on reducing energy waste.

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4.4.4. Efficient Machinery and Equipment

Establish criteria and encourage the replacement of obsolete equipment with more energy-efficient equivalents in order to reduce the use of energy resources.

4.4.5. Energy Inputs

Maintain a management of energy contracts focused on business models that add cost reductions to the company, also considering socio-environmental aspects.

4.4.6. Energy Security

Carry out actions that eliminate the risk of lack of energy inputs, always ensuring the availability of the energy sources necessary for operations.

4.4.7. Diversification of the Energy Matrix

Promote studies and execution of projects to diversify the energy matrix and clean energy, with the objective of making the business more competitive, reducing operating costs and reducing impacts on the environment.

4.4.8. Sustainability

All actions focused on energy efficiency must aim to contribute to the sustainability of the business, with special attention to climate change, in addition to considering the social impacts of our decisions in relation to our employees, their families and society as a whole. This policy is aligned with M. Dias Branco's Sustainability Agenda.

4.5. Certifications and Voluntary Global Initiatives

This policy has been developed considering the subsidies of the following certifications and voluntary global initiatives:

- ✓ ISO 14001 - Environmental Management Systems.
- ✓ ISO 50.001 - Energy Management Systems.
- ✓ ISO 26000 - Social and Environmental Responsibility.
- ✓ Carbon Disclosure Project (CDP).
- ✓ Global Reporting Initiative (GRI).
- ✓ National Council for Energy Policies (CNPE)

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4.6. Governance and Responsibilities

The Industrial Energy Efficiency Committee, linked to the Technical Operations Department, and the Energy Working Group (WG), linked to the Sustainability Committee, are the bodies responsible for promoting the engagement of all employees to comply with this policy.

The governance of this policy, through the materialization of practices, programs and projects, is inherent to the Corporate Engineering Management, supported by all business areas.

The direct responsibility for this policy lies with the Technical and Operations Board.

5. GLOSSARY

National Energy Policy Council (CNPE) - Advisory body to the President of the Republic responsible for formulating energy policies and guidelines.

ISO 50001 - Energy Management Systems – Requirements with guidance for use.

M. Dias Branco Energy Master Plan (PDE) - Plan that projects the short, medium and long-term objectives of the actions focused on energy efficiency at M. Dias Branco.

Carbon Disclosure Project (CDP) - Organization that supports companies and cities to disclose the environmental impact of topics related to climate change, water security and forests.

Global Reporting Initiative (GRI) - International organization that provides guidelines for the preparation of Sustainability Reports.

Corporate Sustainability Index (ISE) - B3 initiative that aims to create an investment environment combined with the sustainable development of society and encourage the ethical responsibility of companies.

ISO - Acronym for International Organization for Standardization. ISO is a standardization and standardization entity.

Sustainable Development Goals (SDGs) - UN voluntary global initiative composed of 17 goals that were an agenda of goals to be achieved by 2030.

UN Global Compact - Global initiative that includes 10 universal principles in the areas of Human Rights, Labor, Environment and Anti-Corruption to face society's challenges.

6. CHANGE HISTORY

Revision	Latest Changes
0	Document Migration to the Document Management System (DMS).

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