

吉林电力股份有限公司环境政策

Environmental Policy of Jilin Electric Power Co., Ltd.

吉林电力股份有限公司（以下简称“吉电股份”、“本公司”、“我们”或“公司”）深刻认识到环境保护与企业发展的紧密联系。因此，我们特制定《吉林电力股份有限公司环境政策》（以下简称“环境政策”或“本政策”），旨在将环境保护理念融入公司的发展战略，实现经济效益与环境效益的双赢。

Jilin Electric Power Co., Ltd. (hereinafter referred to as "Jilin Electric Power," "the Company," "we," or "our Company") fully recognizes the intrinsic connection between environmental protection and corporate growth. To this end, we have established the *Environmental Policy of Jilin Electric Power Co., Ltd.* (hereinafter referred to as the "Environmental Policy" or "the/this Policy"), which aims to integrate environmental protection principles into the Company's development strategy, thereby achieving a balance between economic and environmental benefits.

本政策将引导我们持续降低生产运营环节中的环境负面影响，推动公司向绿色、低碳、循环发展方向转变。我们承诺，将通过向员工、供应商、分销商等合作伙伴传播绿色企业成长理念，与所有利益相关方共同构建绿色价值链，携手共创美好绿色未来。我们坚信，通过执行本政策，公司将能够在实现自身发展的同时，为环境保护和可持续发展作出积极贡献。

This Policy will guide us to continuously reduce the negative environmental impacts on our production and operations, steering the Company's transition toward green, low-carbon, and circular development. We are committed to promoting sustainable growth among our employees, suppliers, distributors, and other partners, and working collectively with all stakeholders to build a green value chain and create a better and greener future. We firmly believe that by implementing this Policy, we will not only advance our own business development but also make a contribution to environmental protection and sustainable development.

吉电股份已通过 ISO14001 环境管理体系认证，将每年根据自身业务发展、行业惯例及同行最佳实践及时对环境政策进行审视和更新。

Jilin Electric Power has attained ISO14001 Environmental Management System Certification and is committed to reviewing and updating this Environmental Policy annually, in line with the Company's evolving business operations, industry standards, and the best practices of its peers.

一、适用群体

I. Applicability

环境政策适用于以下群体：

This Environmental Policy applies to the following groups:

- 吉电股份全体员工
- All employees of Jilin Electric Power
- 吉电股份董事会成员、公司各层级管理人员
- Members of the Board of Directors and management at all levels of Jilin Electric Power
- 吉电股份的业务合作伙伴
- Business partners of Jilin Electric Power

二、适用范围

II. Scope of Application

环境政策适用于公司日常运营的各个层面。

The Environmental Policy applies to all aspects of the Company's daily operations.

三、声明

III. Statement

制定本政策是为了确保吉电股份遵守所有运营地所适用的各项法律法规，并实施和执行有效的举措，以力求减少碳排放、废物、用水量以及对生物多样性的负面影响。

The purpose of this Policy is to ensure Jilin Electric Power's compliance with all applicable laws and regulations in the regions where it operates while implementing robust measures to reduce carbon emissions, waste generation, water consumption, and negative impacts on biodiversity.

我们在环境政策中规定了最低标准。一是公司所在运营地法律法规不及环境政策严格的情况下，也必须遵守该政策所规定的内容。二是运营地当地法律法规较环境政策更为严格，则应当在本政策之上，严格遵守所在地的法律法规。

We have established minimum standards in our environmental policy. First, where local laws and regulations are less stringent than the requirements of this Policy, the Policy's provisions must still be followed. Second, if local laws and regulations impose more rigorous standards, the Company will comply with those local requirements in addition to complying with this Policy.

依照相应工作职能，所有适用人群均应阅读、知悉并确认遵守本政策。所有适用人群若发现公司内出现违背本政策的行为，应当保持客观公正，及时同安全质量环保部门报告发现的异常行为，以保障公司利益、声誉、风险控制的有效性及其可持续发展。

All applicable individuals are required, according to their job responsibilities, to read, understand, and adhere to this Policy. If any applicable individual observes behaviors that violate this Policy within the Company, it is the responsibility of those involved to objectively and promptly report the issue to the Safety, Quality, and Environmental Department, thereby safeguarding the Company's interests, reputation, risk management, and long-term sustainability.

四、环境承诺

IV. Environmental Commitments

4.1 能源消耗及温室气体

4.1 Energy Consumption and Greenhouse Gas Emissions

吉电股份严格遵守执行《中华人民共和国节约能源法》《中华人民共和国清洁生产促进法》《中华人民共和国循环经济促进法》《中华人民共和国电力法》等资源使用的法律法规，承诺有效使用能源、减少使用化石能源等不可再生资源、有效监控管理公司运营中的能源使用绩效并且在生产运营中使用清洁能源。公司承诺通过设备改造、节能降耗技术应用，二氧化碳排放量在 2023 年 1320 万吨基础上，碳排放绩效逐年降低。

Jilin Electric Power strictly complies with the *Energy Conservation Law of the People's Republic of China*, the *Law of the People's Republic of China on the Promotion of Clean Production*, the *Circular Economy Promotion Law of the People's Republic of China*, the *Electricity Law of the*

People's Republic of China, and other relevant laws and regulations on resource management. We commit to enhancing energy efficiency, reducing our reliance on fossil fuels and other non-renewable resources, and closely monitoring and managing energy performance across our operations while using clean energy in our production. Additionally, the Company pledges to reduce carbon emissions year by year from a baseline of 13.2 million tons in 2023 through equipment upgrades and the application of energy-saving technologies.

4.2 水资源利用及保护

4.2 Water Resource Management and Protection

吉电股份严格遵守执行《中华人民共和国环境保护法》、《中华人民共和国水污染防治法》、《中华人民共和国水法》、《中华人民共和国水土保持法》、各省市水污染防治条例等法律法规，承诺节约用水，在生产生活中及时关闭水龙头并对用水量进行监控，以避免水资源浪费；高效用水，对生产用水进行循环利用，以减少水资源消耗；保护水源，在工厂实行雨水分流，并严格根据排水与污水处理要求对工厂废水进行管理，以防治水资源污染。公司承诺到 2030 年，现有火电装机容量用水量全年不超过 2010 万吨。

Jilin Electric Power strictly adheres to the *Environmental Protection Law of the People's Republic of China*, the *Water Pollution Prevention and Control Law of the People's Republic of China*, the *Water Law of the People's Republic of China*, the *Water and Soil Conservation Law of the People's Republic of China*, and relevant water pollution control regulations at provincial and municipal levels. We are committed to conserving water by promptly closing taps during production and daily operations, and closely monitoring water usage to prevent waste. We strive for efficient water use by recycling water in production processes to reduce overall consumption. Furthermore, we safeguard water sources by implementing rainwater runoff separation in our facilities and managing wastewater in strict accordance with drainage and sewage treatment standards to prevent pollution. The Company pledges that by 2030, annual water consumption from our existing installed thermal power generation capacity will not exceed 20.1 million tons.

4.3 污染气体排放

4.3 Air Pollutant Emissions

吉电股份严格遵守执行国家对空气污染物的排放法律法规标准和所在地的政策，承诺对在生产运营活动中产生的有毒有害废气及污染因子通过设备净化吸附达标后排放，降低对环境造成的污染。

Jilin Electric Power rigorously abides by national laws and regulations on air pollutant emissions and the policies of the local area. We commit to reducing environmental pollution by treating toxic and hazardous gases and pollutants generated during production activities through purification and adsorption equipment before discharge.

4.4 化学品使用及废物处理

4.4 Chemical Usage and Waste Management

吉电股份严格遵守国家《中华人民共和国环境影响评价法》《中华人民共和国固体废物污染环境防治法》《危险化学品安全管理条例》等法规标准，从源头对原材料、化学品的使用进行管控并合法使用各类资料，对废物进行分类合法处置，避免因未及时处置和不正当处置造成环境污染，在生产运营中我们致力于避免或减少有害废弃物的产生。严控环境处罚和环境事故，最终目标为 2030 年零处罚、零事故。

Jilin Electric Power strictly follows the *Environmental Impact Assessment Law of the People's Republic of China*, the *Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste*, and the *Regulation on Safe Management of Hazardous*

Chemicals, among other regulations. We manage and control the use of raw materials and chemicals from the source and ensure the lawful use of various materials. Moreover, waste is classified and legally disposed of to prevent environmental contamination caused by improper or delayed disposal. We strive to avoid or minimize the generation of hazardous waste during our production and operations. By 2030, the Company aims to achieve the goal of zero penalties and zero accidents by strictly controlling environmental risks and accidents.

4.5 生物多样性

4.5 Biodiversity

吉电股份承诺本部及所属企业选址不在自然保护区内，生产运营中排放达标，最大限度地减少业务活动给环境带来的污染，以减小对生物多样性的影响。实现生物多样性保护，实现人与自然和谐共生。

Jilin Electric Power stays committed to ensuring that its headquarters and subsidiaries are not located within nature reserves. We ensure compliance with emission standards throughout our production and operations, aiming to minimize the environmental pollution caused by our business activities to reduce impacts on biodiversity. We are dedicated to the protection of biodiversity, fostering a harmonious coexistence between humans and nature.

4.6 气候变化

4.6 Climate Change

吉电股份承诺将积极遵循《巴黎协定》和 UN SDG（联合国可持续发展目标）等国际组织的要求，制定并执行严格的气候变化政策，为应对气候变化贡献力量。

Jilin Electric Power pledges to actively abide by the requirements of international agreements such as the *Paris Agreement* and the *United Nations Sustainable Development Goals* (UNSDGs). In this regard, we will establish and implement stringent climate change policies, making proactive contributions to global efforts in addressing climate change.

五、行动方案

V. Action Plan

吉电股份将建立合理的环境管理体系，通过采取有效的环境保护措施，降低生产运营对环境的负面影响并积极管理生产、运营以及产品产生的碳足迹。

Jilin Electric Power will establish a robust environmental management system, implementing effective measures to mitigate the negative impacts of its production and operations on the environment. The Company will actively manage the carbon footprint generated by our production processes, operations, and products.

5.1 能源消耗及温室气体

5.1 Energy Consumption and Greenhouse Gas Emissions

- 设备设施合理布局，降低用电量。
Optimize the layout of equipment and facilities to enhance energy efficiency and reduce electricity consumption.
- 用电设备设施配置耗能统计设备，对能耗数据进行统计分析，制定有效的节能措施。

- Install energy monitoring systems on electrical equipment to track and analyze energy consumption, enabling the development of effective energy-saving measures.
- 增加光伏、风电的使用，减少火电消耗。
Increase the use of photovoltaic and wind power to reduce reliance on thermal power.
 - 所有项目收集信息装置，定期检查维护，确保传递信息的稳定性，根据公司《环保设施远程监督管理规定》进行严格监督。
Regularly inspect and maintain information collection devices across all projects to ensure stable data transmission, and conduct strict supervision with adherence to the Company's *Remote Supervision and Management Regulations for Environmental Facilities*.
 - 鼓励全体员工在工作与生活中节约使用资源，定期开展培训，提高全体员工对环境管理政策和环境影响的认识。
Encourage all employees to conserve resources in their daily work and life. Regular training will also be conducted to raise awareness of the Company's environmental management policies and the impact of operations.
 - 按《吉林电力股份有限公司碳排放管理办法》对温室气体排放进行严格监督及管理。
Strictly supervise and manage greenhouse gas emissions in accordance with the *Carbon Emission Management Regulations of Jilin Electric Power Co., Ltd.*

5.2 水资源利用及保护

5.2 Water Resource Management and Protection

- 厂区雨污分流，避免污染雨水。
Implement rainwater and sewage separation at plant sites to prevent contamination.
- 生产用水循环使用，废水处理达标后排入市政管网。
Recycle production water and ensure that wastewater is treated and discharged into municipal pipelines only after meeting regulatory standards.
- 建设雨水收集池，充分利用雨水。
Construct rainwater collection reservoirs to maximize rainwater utilization.
- 对水资源的使用情况制定可行性节约目标，并定期检查节约情况。
Set achievable water-saving targets and regularly monitor progress toward these goals.
- 开展节水培训，提高员工节水意识。
Conduct water conservation training to raise employees' awareness of responsible water use.
- 加强水风险治理，对水源利用充分进行评估及应急演练。
Strengthen water risk management through comprehensive evaluations of water resource utilization and emergency preparedness drills.

5.3 污染气体排放

5.3 Air Pollutant Emissions

- 设备优先选取耗能低、污染低和非国家禁止相关设备。
Prioritize the use of energy-efficient and low-emission equipment, avoiding the use of any nationally prohibited facilities.
- 现有设备生产运营期间产生的废气及污染因子增加收集治理吸附等装置降低对空气的污染，达标后排放。

Install advanced collection and treatment systems, including adsorption devices, to capture and reduce air pollutants generated during the operation of existing equipment, ensuring that all emissions comply fully with regulatory standards before discharge.

- 定期对废气及污染因子的治理设施进行检测，确保可正常使用保障设施的稳定性。
Regularly inspect and maintain air pollution control facilities to ensure their reliable operation and stability.

5.4 化学品使用及废物处理

5.4 Chemical Use and Waste Management

- 对化学品的采购、使用、储存、废弃等按照国家相关法律法规标准和所在地规定管控建立制度并严格执行，储存和废弃的化学品分类存放，避免发生危险造成对环境的污染。

Establish and enforce strict management protocols for the procurement, use, storage, and disposal of chemicals in compliance with national laws and local regulations. Chemicals must be stored and disposed of by category to prevent hazards and environmental contamination.

- 在生产运营期间产生的各类废弃物排放量符合法规要求，并采取措施降低排放密度。

Ensure that waste discharges during production and operations comply with legal requirements, and implement measures to reduce emission intensity.

- 废气、废水在满足排放标准后方可排放。

Discharge exhaust gases and wastewater only after they meet required standards and have undergone appropriate treatments.

- 对有害废弃物请具有资质的供应商进行处理。

Engage qualified third-party vendors to handle hazardous waste.

- 对办公产生的废品、垃圾等分类处理。

Classify and manage office waste and other non-production-related garbage appropriately.

- 严格按公司《重大危险源管理办法》进行监督管理。

Conduct strict supervision and management in accordance with the Company's *Regulations on Major Hazard Source Management*.

5.5 生物多样性

5.5 Biodiversity

- 控制和减少原材料浪费现象，将公司运营过程中对自然环境产生的损害降到最低。
Control and reduce material waste during operations to minimize environmental impact on natural ecosystems.

- 尽最大程度恢复目前对公司所在地受到污染的环境。

Maximize efforts to restore areas affected by environmental degradation at our current locations.

- 开展保护自然的投资以振兴自然，保护生物多样性。

Invest in environmental conservation projects to protect biodiversity and revitalize natural ecosystems.

- 新建厂房选址在工业区内，避免和自然保护区发生交集，严格按公司《生态环境保护“三同时”管理办法》开展项目建设。

Locate new plants and facilities in industrial zones to avoid encroachment on protected

areas, and strictly follow the Company's *“Three Simultaneous” Regulations on Ecological and Environmental Protection* during project development.

- 鼓励开发或参与可持续农业、渔业和林业项目。
Encourage the development of or participation in sustainable agriculture, fisheries, and forestry initiatives.
- 重视和保护野生动物，并考虑野生动物福利。
Prioritize the protection and welfare of wildlife.
- 严令禁止涉及森林砍伐项目。
Strictly prohibit projects involving deforestation.

5.6 应对气候变化

5.6 Climate Change Response

- 公司设立 ESG 领导小组，对气候相关问题进行监督及管理。
The Company has established an ESG leadership team to oversee and manage climate-related issues.
- 进行气候风险评估，识别潜在的气候变化风险，如极端天气事件。
Conduct climate risk assessments to identify potential risks, such as extreme weather events.
- 制定长期的气候变化应对规划，确保公司运营的连续性和稳定性。
Develop long-term plans to address climate change, ensuring continuity and stability in company operations.
- 通过培训和意识提升活动，提高员工对气候变化和可持续发展的认识。
Enhance employee awareness of climate change and sustainable development through training and awareness campaigns.

六、绿色供应链管理

VI. Green Supply Chain Management

6.1 吉电股份将承担绿色企业责任，通过供应商行为准则，分销商合同等方式明确与各利益相关方共建绿色供应链的责任，并积极开展沟通宣传，帮助各利益相关方提升对公司环境政策及自身环境影响的理解，进而提升各利益相关方的环境责任意识。

6.1 Jilin Electric Power is committed to fulfilling its responsibility as a green enterprise. Through the implementation of supplier codes of conduct, distributor contracts, and other mechanisms, the Company clearly defines the shared responsibilities with all stakeholders in building a green supply chain. We will actively engage in communication and outreach to help stakeholders better understand our environmental policies and assess their own environmental impacts, thereby fostering a stronger sense of environmental responsibility across all partners.

6.2 吉电股份积极推进、促进从自身生产、运营、物流到上游供应商，下游分销商以及其他关键业务合作伙伴的整个供应链的资源循环利用理念。

6.2 The Company will promote the philosophy of resource recycling throughout the entire supply chain, from its own production, operations, and logistics to suppliers and distributors, and other key business partners.

七、责任体系及考核制度

VII. Accountability and Evaluation System

7.1 本政策依照“党政同责、一岗双责”原则，建立责任体系和考核制度。公司领导、首席专家、副总师对环境保护相关工作负相应的领导责任。公司本部各部门负责人是本部门环境保护相关工作的第一负责人，对所管范围内的环境保护相关工作负领导责任。部门其他人员按照岗位职责分工负相应的环境保护相关工作责任。

7.1 Based on the principle that both the Company's party committee and leaders or personnel at all levels share equal responsibilities for environmental protection in addition to their prescribed duties, this Policy establishes an accountability and evaluation system. This means that leaders, chief experts, and deputy chief engineers are responsible for overseeing environmental protection efforts. Additionally, department heads at the Company will be primarily accountable for environmental protection within their respective departments and should take a lead within the scope of their responsibility. Additionally, all other departmental personnel are accountable for environmental protection tasks based on their designated roles and responsibilities.

7.2 本政策将纳入年度绩效考核中，具体根据公司《生态环保责任制管理规定》进行考核。

7.2 This Policy will be incorporated into the Company's annual performance evaluation framework, with specific assessments conducted in accordance with the Company's *Regulations on Environmental Accountability Management*.

八、生效

VIII. Effectiveness

本政策于 2024 年 7 月 27 日经公司党委会讨论通过后公布。

This policy will take effect upon its announcement following approval by the Company's Party Committee on July 27, 2024.