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2025

Sustainability Report

BEIJING HOYINN TECHNOLOGIES CO., LTD.

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Foreword

About This Report

The *Hoyinn 2025 Sustainability Report* (this "Report") is the second Sustainability Report published by Beijing Hoyinn Technologies Co., Ltd. (hereinafter referred to as "Hoyinn", "the Company", or "we"). This Report aims to fairly disclose the Company's 2025 performance across four key dimensions: green data center construction, compliant and stable operations, talent echelon development, and full-lifecycle customer service; comprehensively showcase the Company's practical achievements in leveraging its existing low-carbon computing power foundation, mature operations and maintenance system, and professional service capabilities to solidify the foundation for green token-computing business cooperation, thereby promoting the standardized, low-carbon, and market-oriented implementation of computing power resources; and fully respond to the expectations and concerns of our stakeholders, jointly advancing sustainability in the era of the digital economy.

Reporting Period

This is an annual Sustainability Report, published once a year. Unless otherwise specified, the reporting period covers 1 January 2025 to 31 December 2025 (hereinafter referred to as "2025", "the current year", or "the reporting period"). To enhance the report's comparability, completeness, and forward-looking nature, the scope of some content extends to previous or subsequent years where appropriate.

Reporting Scope

Unless otherwise specified, the organizational scope of the information disclosed in this Report covers Beijing Hoyinn Technologies Co., Ltd. and the operating entities under its operational control, which is consistent with the scope of Hoyinn's annual consolidated financial statements.

Basis of Preparation

This Report has been prepared in accordance with standards and guidelines including the *Corporate Sustainability Disclosure Standards-Basic Standards (Trial)* and *Corporate Sustainability Disclosure Standard No. 1-Climate (Trial)* issued by the Ministry of Finance of China; the *IFRS S1 General Requirements for Disclosure of Sustainability-related Financial Information* and *IFRS S2 Climate-related Disclosures* issued by the International Sustainability Standards Board (ISSB); the *GRI Sustainability Reporting Standards (GRI Standards)* issued by the Global Sustainability Standards Board (GSSB); and the United Nations Sustainable Development Goals (UN SDGs).

Data Sources and Reliability Assurance

Unless stated otherwise, the materials and content cited and disclosed in this Report are derived from the Company's statistical data, relevant documents, internal communications, and sustainability-related information that has been compiled and reviewed by the Company. The data in this Report originates from the Company's internal systems or manual records, and all statistical data has been reviewed and confirmed by the Company. Unless otherwise specified, all monetary figures in this Report are denominated in Renminbi (RMB). Due to refinements in statistical methods and other factors, the Company has restated and corrected certain historical data this year. In case of any discrepancy between previously disclosed materials and this Report, the information in this Report shall prevail.

The Company confirms that all information and data disclosed in this Report have been approved by the board of directors, attests that this Report contains no false or misleading information and no material omissions, and assumes responsibility for the truthfulness, accuracy, and completeness of its content. This year, the Company engaged TÜV Rheinland (Shanghai) Co., Ltd. to conduct independent third-party assurance on this Report in accordance with the AccountAbility AA1000 Assurance Standard v3 to ensure the accuracy and reliability of the disclosed information. The assurance statement for the report can be found in the "Appendices" section of this Report.

To enhance the forward-looking nature of this Report and to fully demonstrate the potential sustainability-related risks and opportunities facing the Company, this Report contains certain forward-looking statements. The forward-looking statements disclosed herein, including but not limited to statements about events the Company expects or anticipates may or will occur in the future (other than statements of historical fact), are subject to external variables, and future events may differ from the statements made in this Report. The Company has made these forward-looking statements based on a number of assumptions regarding its current and future business strategies and the environment in which it will operate. Unless otherwise required by regulatory authorities, the Company has no obligation or responsibility to revise or update the above-mentioned forward-looking statements.

Reporting Language

This Report is available in both Chinese and English. The English version is a translation of the Chinese original. In case of any discrepancy between the different language versions of this Report, the Chinese version shall prevail.

Report Access and Feedback

This Report is publicly available to stakeholders and the general public in PDF format on the Company's official website. The Company sincerely welcomes valuable feedback from all stakeholders to help us continuously improve our sustainability performance. For further inquiries, or if you have any questions or suggestions regarding this Report or the Company's sustainability work, please contact us through the following channels.

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Message from Our CEO



“

Dear Stakeholders and Friends:

In 2025, artificial intelligence moved from large-scale experimentation to deep integration across industries — and computing power infrastructure changed with it. In 2025, artificial intelligence completed its critical transformation from rapid, large-scale emergence to deep integration across all industries. As the core foundation of the digital economy, computing power infrastructure is experiencing a wave of disruptive change. For Hoyinn, this transformation is not only a new challenge of technological iteration but also a leap forward in our corporate mission and social responsibility. We have always firmly believed that the core of future computing power must be green, intelligent, and ecologically win-win. Positioned at the intersection of the two national strategies of the digital economy and net-zero carbon, Hoyinn is driven by "evolution" as its internal engine and guided by "symbiosis" as its value compass. We persist in breaking boundaries through hands-on practice, advancing steadily amid the tide of change in the computing power industry and delivering our answer to the industry's challenges through high-quality development.

”

This year, we broke through operational boundaries, evolving our capabilities from IDC to AIDC and achieving a leapfrog upgrade in our operating model. To meet the new demands of AI smart computing for high loads and continuous operation, we have continued to strengthen our technological foundation. We are fully committed to building an integrated digital intelligent operation and maintenance platform, scaling up the deployment of new equipment like intelligent O&M robots, and driving a comprehensive revolution in our O&M system. The traditional "passive response and post-event handling" O&M model is now a thing of the past, replaced by a modern system of proactive prediction, intelligent scheduling, and comprehensive control. We have reshaped the paradigm of computing power O&M through technological innovation and delivered outstanding results through meticulous management. Our average annual PUE for the year was as low as 1.229, and our WUE was controlled at 0.941, with both core energy efficiency indicators surpassing our set targets. With our solid operational capabilities, we have built a foundation for highly reliable and efficient intelligent computing infrastructure services.

This year, we broke through industrial boundaries, deepening our coordinated layout of computing power, electricity, and carbon reduction, and cultivating our practice of zero-carbon development. We have set our sights on medium-and long-term net-zero emission targets, continuously optimizing our energy structure, steadily increasing the scale of green electricity application, and unswervingly following the path of Low-carbon development. At the same time, we have innovatively used Green Finance tools, implementing new models such as sustainability-linked loans. Our campus successfully obtained PAS 2060 carbon neutrality certification, and several of our waste heat utilization and energy-saving technologies were recognized as national and industry-level typical cases. By breaking industrial boundaries, we have connected the entire chain of computing power, electricity, and carbon management, building a dual-driven zero-carbon development model of "technology + finance". We have deeply integrated green concepts into the entire lifecycle of project planning, construction, and operation, leading the computing power industry onto a new low-carbon path.

This year, we broke through value boundaries, fostering a philosophy of symbiosis and building a diverse, win-win industrial and social ecosystem. In our supply chain, we adhere to a localized procurement strategy and have improved our full-cycle ESG evaluation system, empowering our partners through both technology and finance to create a resilient, green, and collaborative sustainable supply chain. In talent development, we have launched a series of talent projects, deepened our school-enterprise joint training model, and established a dual-track career path for "management + professional" growth, working hand-in-hand with our employees for mutual development. In the realm of Social responsibility, we have continued to carry out a series of activities such as the "Hoyinn Heart" programme

supporting people with disabilities and education and public welfare tree planting. We are also deeply rooted in local communities, promoting industrial and employment support and cultivating rural revitalization and public welfare initiatives. By empowering regions, we fulfill our corporate responsibilities, linking the strengths of partners, employees, and communities to build a community with a shared future that strives for the common good.

The journey ahead is long, but the wind is in our sails; with heavy responsibilities, we set forth once more. As the 15th Five-Year Plan begins, China will enter a critical period for reaching its carbon peak and a key window for building new computing power infrastructure. With the accelerated adoption of large language models, the demand for computing power is shifting from extensive expansion to refined operation, and the token economy is profoundly reshaping the value logic of computing power services. In 2026, the computing power network officially joined the ranks of the nation's "six networks" of strategic infrastructure, standing alongside traditional infrastructures like water and power grids as a strategic underlying foundation supporting economic and social operations. The state has clearly proposed promoting computing and electricity synergy, proactively deploying new infrastructure, and driving a comprehensive green transformation of economic and social development. This aligns perfectly with Hoyinn's long-held concept of coordinated development of computing power, electricity, and carbon reduction and points the way forward for us.

Standing at a new historical starting point, Hoyinn will continue to uphold its corporate mission to "GED Create a Smart World". We will stay closely aligned with national strategic priorities and industry development trends, continuously honing our core strengths through intelligent evolution and broadening our development landscape through ecological symbiosis. We will steadily advance in the three major directions of green leadership, technological innovation, and ecological co-construction. We will explore innovative models for AI computing power services, deepen the synergistic scheduling of computing power infrastructure and green energy, and explore new paths for AI-driven energy efficiency optimization. We are firmly marching toward our goal of achieving carbon-neutral operations by 2030 and will continue to create replicable and scalable models for green computing. We are willing to join hands with all our colleagues, partners, and friends from all sectors to empower the digital future with the power of evolution, protect our natural environment with a heart of symbiosis, and focus our efforts on becoming a leader in the green energy and data industrial ecosystem, contributing lasting strength to the High-quality development of the digital economy and the achievement of the nation's net-zero carbon goals!

CEO



About Hoyinn

Beijing Hoyinn Technologies Co., Ltd. upholds the corporate mission to "GED Create a Smart World". Following an innovative development path that integrates "new computing power infrastructure + green energy", the Company coordinates the synergistic construction of digital, energy, and environmental systems. It has innovatively created a new paradigm for the sustainable and large-scale implementation of AIDC, building green computing infrastructure that is high-performance, high-reliability, and scalable. This fully supports the deployment of diverse computing power services, empowers the digital transformation of various industries, and provides high-standard, international comprehensive solutions for the development of the digital economy and the national net-zero carbon strategy. The Company is laying the industrial foundation for integrated computing and electricity development and the construction of token super-factories, steadily advancing toward its corporate vision of "becoming a leader in the green energy and data industrial ecosystem".

Annual Key Performance

Company Operations



- Establish an Independent Data Center Operation and Maintenance Company, Accumulate and Refine Reusable Technical Products and Service Capabilities, **Promote the High-Quality Development of the Operation and Maintenance System.**
- **Innovative Technologies and Models.** Adapt to the Demands of the AI Industry Development, with Sustainable Resources, Sustainable Operations, and Sustainable Asset Value.
- **Diversify** Capital Layout, **Promote the Strategic Holding of Henan Investment Group**, and Enhance the Scientificity and Efficiency of Corporate Governance.

Harmony with Nature



- Obtained **PAS 2060 Carbon Neutral Data Center Certification**
- Selected as a **"2025 National Green Computing Infrastructure"**
- Achieved an Average Annual PUE of **1.229**

Green Electricity
Accounted for
44.30%

An Increase
of **26.05%**
from 2024



Fulfilling the 2024 Commitment of an
Annual Growth Rate of No Less Than
12.5%



Inclusive and Win-Win

- Achieved **100%** Coverage for Supplier ESG Information Disclosure Assessments
- Achieved a **100%** Localized Procurement Rate
- Conducted **5** Public Welfare Activities
- Benefiting over **1,000** People



People-Oriented

- Scored **98.5** out of 100 on the Employee Satisfaction Survey.
- Continuously Upgraded the Internal Trainer Management Mechanism And Released the *Internal Trainer Management Measures 2.0*.
- A Total Duration of **13,239** Hours in Employee Training
- A Total of **4,718** Employee Participations in Safety Management Training, with a Total Training Duration of Over **2,000** Hours.
- Conducted **10** Safety Emergency Drills.



Continuous Evolution

- R&D Expenditure of Approximately **17.49** Million Yuan.
- Established a Full-Cycle Operational Risk Management Process of "**Discovery-Registration-Emergency Response-Verification-Closure**" to Build a Highly Resilient and Reliable Data Center System.
- 0 Complaints, 0 F0-Level Failures, 0 Safety Incidents, 0 Confidential Information Leaks, 0 SLA Violations.
- Conducted **359** Information Security Emergency Drills.



Upholding Integrity:

- A Total of **45** New or Revised Policies Were Issued During the Year.
- Achieved a **100%** Signing Rate for Employee Compliance Commitment Letters.
- Achieved **100%** Coverage for Employee Integrity Training.

Annual Honors and Recognition

Green Leadership

2025 National Green Data Center

General Office of the Ministry of Industry and Information Technology | General Office of the National Development and Reform Commission | General Office of the Ministry of Commerce | General Office of the National Administration of Financial Regulation | General Office of the National Government Offices Administration | Department of General Affairs of the National Energy Administration

Typical Case of Green Development and Application of Green Energy-Saving Technology for Waste Heat Utilization

Organizing Committee of the China Smart Computing Industry Conference | Data Center Committee of the China Communications Industry Association | China IDC Circle

Technology Innovation

Innovation in Data Center Cooling Award

w.media

Construction and Operation

2025 Case Study of High-Quality Development for Computing Power Infrastructure Enterprises

China Association of Communications Enterprises

2025 China IDC Industry Construction & Design

Data Center Committee of the China Communications Industry Association

Corporate Influence

Sustainable Development Leader (ESG30)

IDC China (International Data Corporation)

2025 Deloitte China Rising Star

Deloitte China

2025 Leading Finance for Good Award

Syobserve, Syobserve Public Welfare

Digital and Intelligent Development Empowers Quality and Efficiency Enhancement

Amid the wave of explosive iteration in AI technology and deep integration with the digital economy, computing power infrastructure is accelerating its evolution toward the AI data center (AIDC) model, and Hoyinn, with its foresight into industry trends, has proactively deployed AI computing power infrastructure services to accelerate the value conversion of computing power. Against this backdrop, the Company has implemented a comprehensive digital and intelligent transformation across operations and maintenance (O&M), operations, and internal management, building an intelligent O&M system based on its digital operations platform, implementing a green and low-carbon operational model through technological iteration, and upgrading its office governance by deploying online control and asset management systems, to transform its operating model, re-engineer processes, and improve efficiency. These initiatives are closely aligned with the major trends of surging demand for computing power and the restructuring of industry value logic by the token economy, laying a solid capability foundation for the Company to seize opportunities in the AI Era. This enables a comprehensive leap from traditional operational management to an intelligent, refined, and integrated model, empowering the Company's High-quality development with digital and intelligent capabilities.

Digital Operations Platform: Building the Foundation for Holistic Intelligent Operations and Maintenance

As the core foundation supporting the stable operation of AIDC, the intelligent transformation of the O&M system is crucial. In 2025, Hoyinn's O&M center precisely aligned with the Company's strategy and AIDC development needs, comprehensively promoting the construction of an AI-empowered O&M system.

To address the large-scale, high-complexity, and real-time O&M challenges of the AIDC era, Hoyinn began focusing on building its "Digital Operations Platform" in 2025. The platform targets six key areas: intensification, digitalization, intelligentization, standardization, visualization, and elasticity. It drives campus O&M from decentralized, siloed management to centralized, integrated, and intelligent global control, building a solid digital foundation for the Company's core business development.

Holistic Data Aggregation: Integrating Domain-Wide Data for Single-View Global Control

The platform breaks down information barriers between campuses, comprehensively aggregating multi-dimensional information such as operational data, equipment status, O&M resources, and energy consumption metrics to building a holistic, visual monitoring system with a "single pane of glass". From infrastructure power supply and cooling equipment operation to server load and network bandwidth usage, and even PUE values and green electricity consumption ratios, all data is updated and presented dynamically in real time. This centralizes management oversight and completely resolves the traditional O&M problems of "information silos" and "management blind spots".



Data Management Platform Dashboard ▲

Online Closed-Loop Processes: Integrating Business Workflows for Intelligent Collaborative O&M

Based on unified data governance and algorithm model optimization across all campuses, the platform covers full lifecycle scenarios including event management, change control, risk investigation, fault handling, and cabinet power-up/down. O&M work orders achieve full-process digital closed-loop management, from initiation and intelligent dispatch to remote resolution and automatic archiving. The system uses machine learning to train on historical work orders, enabling it to automatically identify high-frequency fault points and suggest resolutions. This drives the O&M model's transformation from "passively awaiting repair requests" to "proactive, predictive intervention".

Intelligent Risk Prediction: Proactive Risk Assessment to Build a Precise Prevention and Control System

Ensuring business continuity is the lifeline of an AIDC. Leveraging the AI risk warning model built into the digital operations platform, the system can identify minor anomalies in equipment operating parameters within milliseconds, enabling proactive fault warnings and automatic isolation. By transforming "post-incident repairs" into "pre-incident prevention", the platform effectively avoids large-scale computing power interruptions caused by single points of failure, directly reducing business losses and operational risks for clients.

Intelligent O&M Robots: Deploying Human-Machine Collaboration to Fortify On-Site Safety

The digital operations platform is the "brain" of the O&M system, while intelligent O&M robots are the "hands and eyes" that operate on the front lines and perceive the physical world. In high-density AIDC deployment environments, equipment inspection frequency is high, fault response windows are extremely short, and the risks associated with manual operations increase significantly. Hoyinn has integrated intelligent O&M robots as a core terminal force for AI-empowered physical O&M, deeply embedding them into all front-line scenarios. This establishes a new "human-machine collaboration" operational model, comprehensively strengthening on-site work capabilities and solidifying the foundation of O&M safety.



Green and Low-Carbon Operations: Focusing on Energy Efficiency Management and Exploring Intelligent Synergy of Computing, Electricity, and Carbon

The Company focuses on three core areas: Generation-Grid-Load-Storage synergy, energy efficiency optimization, and intelligent management upgrades. It implements computing-electricity-carbon synergy models in practical scenarios, drives lean management with data, and enhances management effectiveness with algorithms. While ensuring the stability and reliability of computing power services and strictly adhering to service level agreement standards, the Company continuously reduces campus energy consumption, improves green electricity utilization efficiency, and strengthens work safety. This comprehensively promotes the transformation and upgrading of data centers from traditional O&M models to modern, efficient, low-carbon, safe, and intelligent operational models, helping to achieve the Company's sustainability goals.

Generation-Grid-Load-Storage: Solidifying the Foundation for Computing, Electricity, and Carbon Synergy

Hoyinn is building a Generation-Grid-Load-Storage integrated system at the municipal level in Zhangjiakou, in coordination with renewable energy generation projects, to establish a "Generation-Grid-Load-Storage" integrated model and actively pilot computing and electricity synergy. This involves integrating power source output, grid support, load response, and storage regulation. The Company analyzes the characteristics of each segment and predicts power curves for transmission and reception ends to explore and practice optimized Generation-Grid-Load-Storage dispatching under the constraints of safety, stability, and economic operation.

In 2025, the entire Hoyinn (Huailai) Technology Industrial Campus delivered a total capacity of 680 MW. The campus automatically matches the computing load with cooling and power supply capacity, and dynamically adjusts the operation strategy to maximize energy savings while ensuring the SLA of computing power. Additionally, this project is also jointly promoting the construction of a 5.53 GW large-scale photovoltaic and wind power and energy storage base. The first phase of 2.78 GW has been fully connected to the power grid for power generation, and the second phase of 2.75 GW is being scaled up in accordance with the plan. At the same time, a 1,000 MW new type of energy storage system for the source side is also being planned. After the project is fully operational, it will achieve 100% green power coverage for data centers, effectively supporting sustainable development of society. In the future, through intelligent scheduling of "Generation-Grid-Load-Storage", green power can be precisely matched with computing power in a mutually reinforcing relationship. This will not only break through the high energy consumption bottleneck of the AI industry but also open up a new path for efficient green power consumption, forming a replicable and scalable model of electricity-computing collaboration.

AI-driven: Reaching New Heights in Computing, Electricity, and Carbon Synergy

In 2025, the Company invested in developing its Smart Energy and Carbon Management Platform 2.0, adding three customized core functions: data center full-lifecycle carbon management, integrated ESG management, and green computing index calculation. The system receives dynamic data across the full chain from the digital and intelligent operations platform via standard protocols and API interfaces. It will clean, model, and intelligently analyze massive operational data to automatically perform real-time PUE calculations, break down energy consumption by dimension, and accurately measure Scope 1 and Scope 2 carbon emissions. Combined with green electricity consumption ratios and load forecasts, the platform will continuously strengthen the carbon emissions data foundation and conduct more granular, multi-dimensional analysis of carbon emission structures and trends.

The Company's Smart Energy and Carbon Management Platform 2.0 is equipped with the Zhiqing AI engine and processes energy and carbon data at the millisecond level using an "edge computing + cloud computing" architecture. Currently, AI is deeply embedded in data governance and analysis, supporting dynamic monitoring of multi-dimensional carbon emissions and significantly enhancing the operational efficiency of integrated data, energy, and carbon management. In the future, the Company will deepen its AI applications, focusing on breakthroughs in industry carbon emission benchmarking, fully automated accounting, knowledge graph construction, and intelligent modelling (simulation) of emission reduction strategies. This will continuously enhance the system's capabilities in deep analysis and decision support, building a more solid digital foundation for data center energy efficiency optimization.

Digital Governance: Transitioning from Informatization to Intelligentization

Leveraging digital and intelligent technologies to drive the intelligent transformation of internal management, Hoyinn implemented two major management systems for expenses and assets in 2025. These systems integrate business and data links, using smart office solutions to improve process efficiency, standardize management, and strengthen internal controls, thereby building an integrated digital governance framework.

Intelligent Expense Control: Integrating Business and Finance for Full-Process Online Management

To address the shortcomings of offline expense management, the expense management system establishes a complete budget and reimbursement framework, enabling the entire process to operate online. The system can handle budget preparation, additions, reallocations, and multi-dimensional adjustments. It sets control rules based on annual, quarterly, and contractual dimensions, and automatically generates statistical reports from both accrual and payment perspectives, implementing ex-ante planning and in-process controls. It also unifies expense policies and reimbursement standards, integrates multiple digital systems and diverse business scenarios, and simplifies operations through digital search, recognition, and verification functions to improve review efficiency and achieve paperless closed-loop management. Furthermore, the system centrally maintains various types of basic data, embeds management policies within it, and automatically collects and analyzes expense data to provide strong support for business decision-making.

Intelligent Asset Management: Full-Lifecycle Control to Ensure Book-To-Physical Consistency

Addressing the shortcomings of traditional asset management, the asset management system unifies management standards and covers the entire asset lifecycle, facilitating a digital upgrade in management. The system standardizes asset ledgers, capitalization processes, and information fields, unifying management practices across the Company to ensure book-to-physical consistency. It integrates the entire process from asset warehousing, requisition, and allocation to maintenance, depreciation, and disposal, with all operations logged online for real-time asset status tracking and traceability. The system also supports multiple modes, including QR codes, RFID, app-based scanning, and employee self-service stocktaking. Administrators can assign tasks online, employees can complete stocktakes on mobile devices, and the system automatically generates inventory reports, significantly improving stocktaking efficiency and data traceability.

Digital and Intelligent Office Upgrade: Coordinating Top-Level Planning to Advance Smart Office Solutions

Focusing on the overall goal of corporate digital transformation, the Company conducts in-depth demand research and analysis based on actual operational needs to accurately identify bottlenecks in office scenarios, weak points in management, and difficulties in business collaboration; establishes a smart office construction philosophy based on its development positioning, and coordinates the completion of the overall architecture planning and scenario function design; steadily carries out multi-scenario practical explorations, continuously optimizes online collaborative office models, and breaks down barriers to cross-departmental and cross-level office collaboration; simultaneously strengthens the introduction of professional digital talent and the cultivation of internal talent skills, equipping the Company with the necessary digital and intelligent office operation and maintenance capabilities, comprehensively promoting the transformation of the office model from traditional offline work to an efficient, collaborative, streamlined, intensive, intelligent, and convenient modern form, fully unlocking the empowering value of digital offices.

Sustainability Management

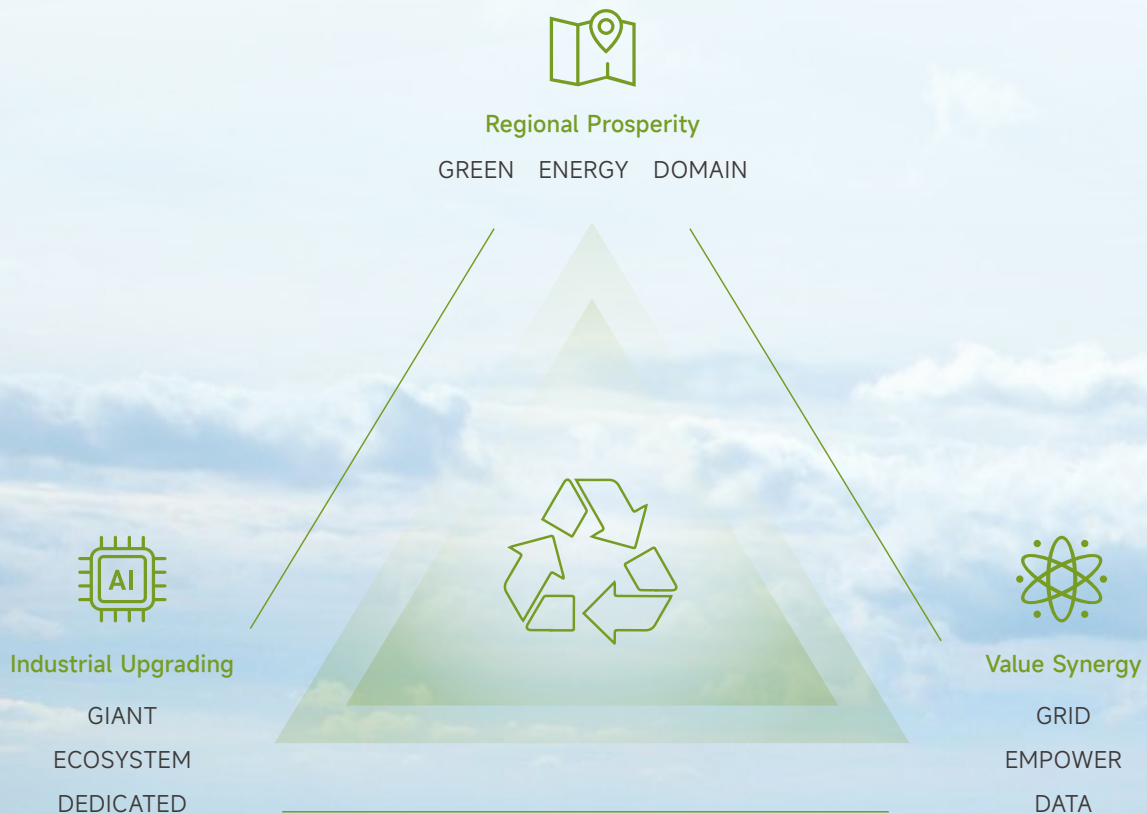
Sustainability Philosophy

Data centers are rapidly evolving into token super-factories — that is, industrial-scale producers of AI tokens. As the scale of model parameters and the total volume of Tokens continue to climb, the demand for energy demand from computing power is growing inexorably. To achieve high-quality AIDC operation, it is necessary to convert electricity into computing power output more stably and efficiently to firmly support the continuous evolution and iterative upgrading of the AI industry.

The year 2025 marks the concluding year of the 14th Five-Year Plan. The national integrated computing power network and the "East Data, West Computing" project have laid a solid foundation, achieving leapfrog growth in computing power scale. The green and low-carbon transition and computing and electricity synergy have moved from top-level design to industrial practice. Hoyinn drives industrial upgrading through innovation and empowers the net-zero carbon transition with green initiatives. We continue to cultivate the sustainability paradigm of "new computing power infrastructure", deepen key technological breakthroughs in "computing-electricity-carbon" synergy, and develop AIDC infrastructure for the smart era that meets the integrated development needs of new energy systems and computing power networks. This drives the upgrade of AIDC capabilities from "standard delivery" to "deep scenario adaptation", empowering the transition into the smart era.

Hoyinn's Sustainability Philosophy — GED³

Focusing on the entire AIDC lifecycle, Hoyinn systematically builds efficient, reliable, flexible, and new-generation green computing clusters. It fully integrates a three-pronged development path of "regional prosperity, industrial upgrading, and value synergy" to create an internationally leading green computing industrial cluster.



Hoyinn's GED³ Sustainability Philosophy ▲

Regional Prosperity

Empowering Regional Development with Green Computing

In regions rich in renewable energy, we leverage ultra-large-scale AIDC deployment as a catalyst for cultivating green computing. This fosters a new pattern of industry-city integration by "using data to drive industry and using industry to revitalize cities", driving regional digital industry clustering and ecological prosperity.

Industrial Upgrading

Building a Solid Foundation for the Smart Computing Industry with a Deeply Scenario-Adapted AIDC Ecosystem

Facing the new AI Era, we collaborate with our ecosystem to build green computing power infrastructure adapted for the continuous iterative training of large language models and high-frequency inference application scenarios. We provide customized services to precisely respond to diverse computing power needs, creating a new model for the sustainability of digital infrastructure.

Value Synergy

Building a Digital Economy Value Community Through the Integration of Data and Energy

Centered on the integrated innovation of "energy + computing power", we deepen the practice of integrated "Generation-Grid-Load-Storage" to build a digital economy value community.

Hoyinn's Commitments



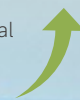
We will continue to build upon our green computing power infrastructure as the cornerstone. Relying on the green energy and data industrial ecosystem, we will create cross-industry linkages with symbiotic partners in green energy, green finance, and other sustainability fields. Through digitalized, electrified, and green industrial scenarios, we aim to enhance the core drivers of sustainable development, including knowledge, data, capital, and talent. This will benefit Stakeholders such as clients, employees, investors, and local communities, jointly promoting the sustainable development of the digital economy and the achievement of the "dual carbon" goals (carbon peaking and carbon neutrality).



In 2025, Hoyinn's Green Electricity Usage Ratio Was **44.30%**, an Actual Increase of **26.05%** Compared to 2024.



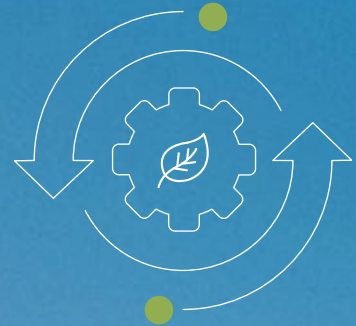
By 2030, the Share of Green Electricity Will Reach **100%**, with an Annual Growth Rate of No Less than **12.5%**.



Sustainability Governance

Hoyinn has established a comprehensive and professionally structured sustainability governance framework, ensuring the implementation of its sustainability strategy through a multi-level organizational system.

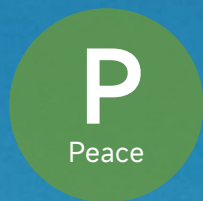
The Sustainability Committee, composed of board of directors members, serves as the strategic layer responsible for formulating the sustainability strategy and deliberating on major topics. It oversees the Sustainability Committee, which is composed of senior management and coordinates the execution of ESG work across various domains. The Executive Committee is divided into six specialized working groups: "Environmental Impact", "Environmental Governance", "Corporate Governance", "Finance and Risk Control", "Technological Innovation", and "Human Resources and Culture". Composed of heads from various centers and departments, these groups ensure that ESG principles are deeply integrated into the corporate strategy and entire operational process through professional division of labor and cross-departmental collaboration, providing a solid organizational foundation for achieving our sustainability goals.



Hoyinn's Sustainability Governance Organizational Structure ▲



Sustainability Strategy



Harmony with Nature

Guided by its green energy and data strategy, Hoyinn is building a computing-electricity-carbon synergy system. While embracing the wave of ultra-large-scale computing power, it provides green development solutions for clients, the industry, and society.



Inclusive and Win-Win

Hoyinn adheres to an inclusive and win-win approach, transmitting positive values through measures such as industrial ecosystem development, responsible sourcing, and support for public welfare and charity, striving to inject warmth and strength into social development.



People-Oriented

Hoyinn is people-oriented, viewing employees as the core value of the Company. It is committed to safeguarding employee rights, creating an open, fair, and just workplace, and pursuing mutual growth for both the enterprise and its employees.



Continuous Evolution

Hoyinn actively responds to client needs and pursues continuous evolution. The Company strengthens forward-looking technology research and development to ensure it remains synchronized with global cutting-edge technologies, providing services that exceed client expectations.



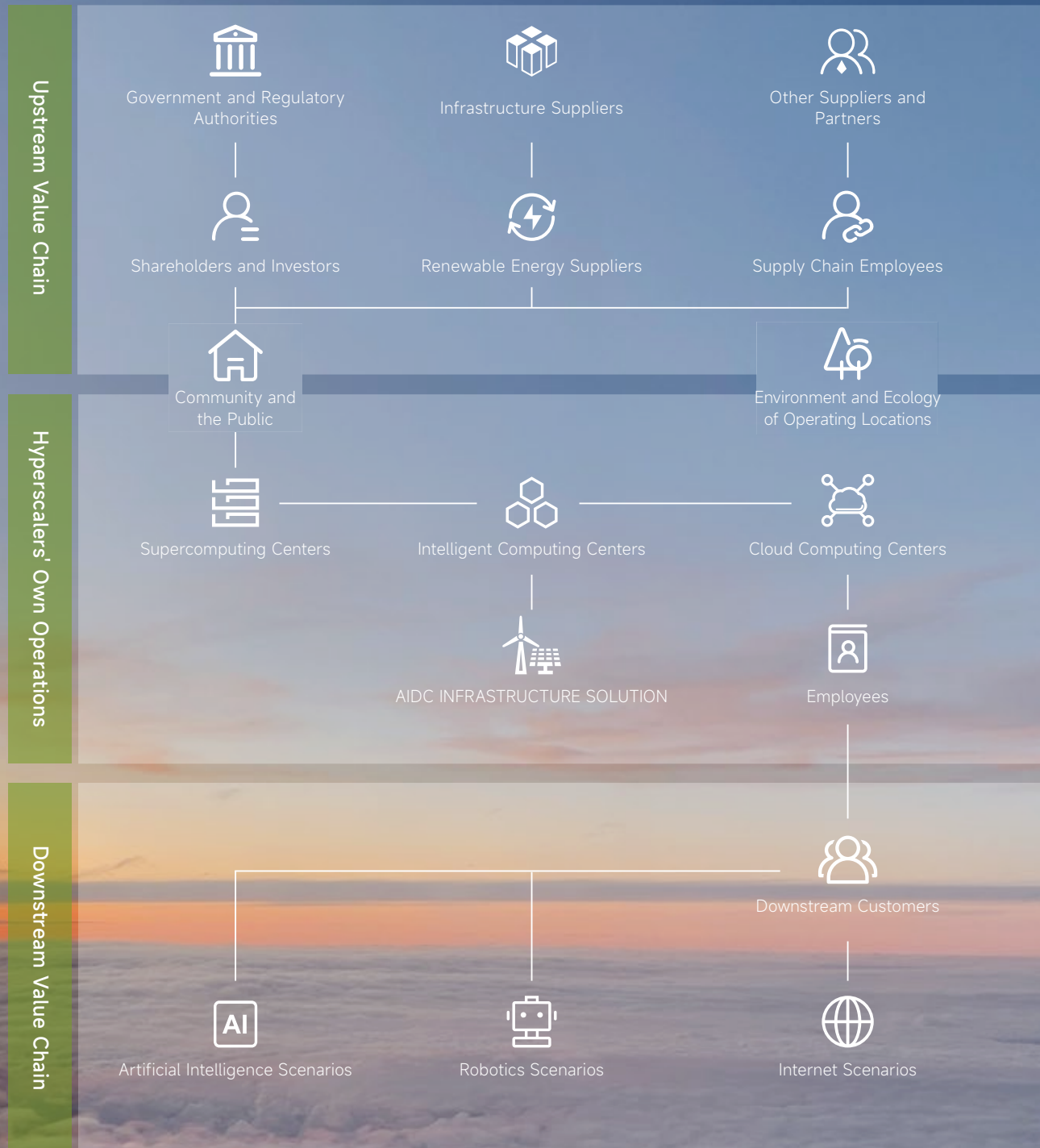
Upholding Integrity

Hoyinn upholds integrity and commitment by building a standardized corporate governance system. The Company adheres to legal and regulatory compliance and self-regulates through high-standard business ethics, contributing positive energy to society.



Hoyinn's POWER Sustainability Strategy ▲

Sustainable Value Creation



Stakeholder Engagement

Hoyinn has always valued communication with its stakeholders and has established a comprehensive Stakeholder Engagement mechanism to fully identify and deeply analyze their core demands and concerns. Through a closed-loop management model of "identification, response, integration, and improvement", the Company fully incorporates the reasonable demands of Stakeholders into its business decisions and daily operations, working with all parties to co-create value and achieve mutual benefits.

Stakeholder Category	Topics of Concern	Key Concerns	Company Response	Communication Channels
Government and Regulatory Authorities	Addressing Climate Change	Compliant Operations and Legal Adherence	Full Fulfillment of Legal and Compliance Obligations	Routine Regulatory Communication
	Environmental Compliance	Ecological Protection and Green Development Practices	Fulfillment of Tax Obligations in Accordance with the Law	Government Announcements
	Management	Energy Utilization Efficiency and Sustainability	Optimizing the Energy Utilization Structure	
	Energy Utilization	Pollutant Emission Control and Compliant Waste Disposal	Strengthening Pollutant and Waste Management	
	Pollutant and Waste Management	Rational Utilization and Protection of Water Resources	Rational Planning of Water Resource Utilization	
	Water Resource Management	Promotion and Implementation of Circular Economy Models	Promoting Circular Economy Models	
	Circular Economy	Innovation Capability and Development Potential	Increasing Investment in Innovation	
	Innovation-Driven	Participation in and Contribution to the Rural Revitalization Strategy	Supporting Regional Economic Development	
	Rural Revitalization	Improvement and Transparency of the Corporate Governance Structure	Improving the Corporate Governance Structure	
	Corporate Governance	Adherence to the Bottom Line of Business Ethics	Strengthening Anti-Corruption and Bribery Management	
	Business Ethics			
Shareholders and Investors	Innovation-Driven	Strategic Positioning and Core Competitive Advantages	Standardizing Information Disclosure Management	Annual Reports
	ESG Governance	Sustainability Strategy and Financial Health	Establishing Investor Relations Communication Mechanisms	Shareholder Meetings
	Improvement	Environmental, Social, and Governance (ESG) Performance	Improving the Shareholder Rights and Interests Protection System	Online/Offline Research Meetings and Phone Calls
	Corporate Governance	Investor Relations Management	Continuously Enhancing Shareholder Value Returns	Investor Website and Email
	Business Ethics	Corporate Governance Effectiveness Assessment		Public News

Stakeholder Category	Topics of Concern	Key Concerns	Company Response	Communication Channels
Customers	Addressing Climate Change	Stable Services	Establishing a Customer Feedback Handling Mechanism	Comprehensive Customer Communication Channels
	Circular Economy	Rapid Customer Service Response Mechanism	Optimizing the Full Value Chain Service System	Customer Evaluation
	Innovation-Driven	Data Security and Privacy Protection	Strictly Enforcing Commercial Confidentiality Clauses	Official Website
	Product Quality and Safety	Sustainability Responsibility Practices	Practicing Customer Social Responsibility Standards	Public News
	Customer Rights Protection			
	Information Security and Privacy Protection			
	ESG Governance Enhancement			
Suppliers and Partners	Addressing Climate Change	Fair Supplier Access Mechanism	Ensuring Supplier Compliance and Ethical Operations	Partner Communication Meetings
	Innovation-Driven	Financial Stability and Settlement Assurance	Building Strategic Partnerships	On-Site Communication and Audits
	Product Quality and Safety	Maintaining Strategic Partnerships	Improving the Supplier Access Assessment System	Daily Communication
	Supply Chain Management	Building a Transparent Procurement System	Implementing SUSTAINABLE Supply Chain Development Audits	
	Occupational Health and Safety	Supply Chain Sustainability and Environmental Impact	Providing Occupational Health and Safety Management Support	
	Industrial Ecosystem Collaboration	Occupational Health and Safety Management	Promoting Industrial Ecosystem Collaboration	
		Development Opportunities for Industrial Ecosystem Collaboration		
The Company's Employees	Information Security and Privacy Protection	Ensuring Stable Corporate Operations	Improving the Employee Rights Protection System	Outstanding Employee Recognition Ceremony
	Employee Rights Protection	Comprehensive Protection of Employee Rights	Ensuring Occupational Health and Safety	Training and Performance Interviews
	Occupational Health and Safety	Occupational Health and Safety Management	Providing Market-Competitive Compensation Packages	Cultural Activities
	Employee Training and Development	Professional Competency Development System	Building a Diversified Training System	Employee Communication Hotline and Email
	Employee Benefits and Care	Fair Career Development Mechanism	Improving Career Development Pathways	Employee Satisfaction Survey
		Information Security and Privacy Protection Measures	Strengthening Awareness and Implementation of Employee Privacy Protection	
		Benefits and Care Measures	Providing Diversified Benefits	
Community and the Public	Biodiversity Conservation	Community Collaborative Development Plan	Conducting Social Welfare Projects	Visiting and Surveying Community Needs
	Community Engagement	Building a Value-Sharing Mechanism	Participating in Community Co-Building Activities	Participating in Community Development Needs Communication Meetings
	Rural Revitalization		Promoting Regional Economic Development	Public Welfare Activities
			Promoting Shared Social Value	

Double Materiality Analysis

Double Materiality Analysis Framework

Hoyinn has established a "four-step method" for analyzing material topics, which involves four main stages: topic identification, list consolidation, comprehensive assessment, and management integration. This approach not only strictly aligns with sustainability information disclosure standards but also deeply connects with corporate operations and management. It uses disclosure as a driver of management improvement, helping the Company achieve high-quality, sustainable development.

Value Chain and Stakeholder Identification

Based on the Company's core business model, we systematically review each link in the value chain, accurately identify key Stakeholders and their topics of concern, and establish a multi-level map of interactive relationships.

Building a List of Sustainability Topics

By integrating topics of concern to Stakeholders, global sustainability disclosure standards, capital market ESG rating systems, and research on industry focal points and emerging trends, combined with the Company's actual operational characteristics, we build a comprehensive matrix of sustainability topics.

Double Materiality Assessment

Based on industry benchmarking analysis and external professional consulting advice, combined with the Company's actual operational characteristics, we systematically prioritize ESG topics through a multi-dimensional assessment matrix to ultimately determine the core topics with double materiality.

Report Disclosure and Strategic Integration

The assessment results are systematically integrated into the annual Sustainability Report to ensure the compliance and transparency of information disclosure. Concurrently, key topics are deeply embedded into the Company's strategic management system, establishing a closed-loop management mechanism to continuously enhance sustainability performance.

Hoyinn's "Four-Step Method" For Double Materiality Analysis ▲

Materiality Matrix

For the identified material topics, each responsible department conducts systematic management from multiple dimensions and extends the scope of management from the Company's internal operations to the entire value chain, ensuring comprehensive coverage of relevant areas.



Hoyinn Double Materiality Topics Matrix ▲

Environmental Topics	Energy Utilization Addressing Climate Change Environmental Compliance Management Pollutant and Waste Management Water Resource Management Circular Economy Biodiversity Conservation
Social Topics	Product Quality and Safety Information Security and Privacy Protection Customer Rights Protection Innovation-Driven Supply Chain Management Occupational Health and Safety Employee Rights Protection Industrial Ecosystem Collaboration Employee Training and Development Community Engagement Rural Revitalization Employee Benefits and Care
Governance Topics	Corporate Governance Business Ethics ESG Governance Enhancement Stakeholder Communication

Analysis of Impacts, Risks, and Opportunities of Material Topics

Hoyinn has established a comprehensive system for identifying and managing key sustainability topics, leveraging systematic risk assessment and opportunity analysis to comprehensively identify material topics that have a substantive impact on its operations and value chain. The Company adopts the internationally accepted double materiality assessment framework, assessing both the financial impact of topics on the Company's sustainable development and their degree of impact on various stakeholders, which ensures that the issue management process is scientific, rigorous, and forward-looking.

Topic Name	Affected Value Chain Segments	Affected Stakeholders	Nature of Impact	Risk	Opportunity
Addressing Climate Change	◀ H ▶	- Government and regulatory agencies - Customers - Suppliers and Partners	⊕ ⊖	- Stricter global climate policies may lead to increased potential carbon management costs in the future - Frequent Extreme Weather Events Threaten the Operational Stability of Data Centers - International Carbon Border Adjustment Mechanisms Increase Compliance Pressure for Cross-Border Business	- Climate-Adaptive Data Center Design Can Create a Differentiated Competitive Advantage - Participation in Carbon Markets Can Create New Points of Value Growth - A Well-Developed Climate Strategy Can Efficiently Match Customer Needs
Environmental Compliance Management	H	Government and regulatory agencies	⊕ ⊖	- Facing compliance risks from continuously tightening domestic and international environmental regulations - Regulatory Requirements for Emerging Pollutants Create Pressure for Technological Upgrades	- Certification for a Leading Environmental Management System Helps Enhance Competitiveness in International Business - Participation in the Development of Industry Standards Can Enhance Influence
Energy Utilization	H ▶	- Government and regulatory agencies - Customers	⊕ ⊖	- Assessments of renewable energy consumption responsibility weights create operational pressure - Fluctuations in Energy Prices May Affect the Effectiveness of Operating Cost Control	- The Innovative Application of Clean Energy Technology Can Reduce Long-Term Energy Costs - Intelligent Energy Management Systems Enhance Operational Efficiency and Optimize Service Quality
Pollutant and Waste Management	H	- Government and regulatory agencies - Community and the Public	⊕ ⊖	Increasingly strict regulations on hazardous waste disposal and new e-waste laws add pressure to compliance management	Waste-To-Resource Technologies Can Develop New Circular Economy Models, While Green Supply Chain Development Enhances Overall Environmental Performance
Water Resource Management	H	- Government and regulatory agencies - Community and the Public	⊕ ⊖	Water resource tax reforms increase water usage costs, and regional water use restrictions affect project site selection	Adopting Water-Saving Technologies and Water Recycling Systems Can Improve Resource Utilization Efficiency, While Participating in Water Rights Trading Mechanisms Optimizes Resource Allocation

Topic Name	Affected Value Chain Segments	Affected Stakeholders	Nature of Impact	Risk	Opportunity
Circular Economy		- Government and regulatory agencies - Customers		Extended producer responsibility systems for the entire product lifecycle increase management requirements, while the supply of recycled materials is unstable	Exploring circular economy models can improve resource utilization efficiency and reduce operating costs
Biodiversity Conservation		Community and the Public		- The Kunming-Montreal Global Biodiversity Framework requires large-scale infrastructure projects to conduct ecological impact assessments - Project Site Selection Near Nature Reserves May Face Scrutiny from Non-Governmental Organizations (NGOs)	Eco-Friendly Data Center Designs Can Reduce Environmental Footprints, and Participation in Ecological Compensation Mechanisms Can Achieve Win-Win Outcomes for All Parties
Innovation-Driven		- Government and regulatory agencies - Customers - Shareholders and Investors - Suppliers and Partners		- The rapid iteration of global AI computing power technology presents a risk of falling behind technologically if R&D investment intensity is not maintained - Intensifying International Technology Blockades and Restrictions on Key Equipment Supply Chains May Affect the Innovation Process	- The National "East Data, West Computing" Strategy Is Driving Innovation in Computing Power Infrastructure, with Policy Support Continuing to Increase - Collaboration with Universities and Research Institutions Can Accelerate the Implementation and Application of Cutting-Edge Technologies
Product Quality and Safety		- Customers - Suppliers and Partners		- Data center equipment failures can cause service interruptions, affecting customers' business continuity - International standards, such as the Uptime Institute Tier Certification, are continuously raising requirements for infrastructure reliability	- Intelligent Operation and Maintenance Technologies Can Enhance Predictive Maintenance Capabilities for Equipment and Improve System Stability - Building Brand Credibility Through Industry Certifications Helps Expand into the High-End Customer Market
Customer Rights Protection		- Customers - Community and the Public		- Data sovereignty regulations impose stricter compliance requirements on cross-border data storage - Customer Demands for Service Level Agreements (SLAs) Are Constantly Increasing, Raising the Pressure to Meet Additional Customer Needs	- Customized Service Models Can Enhance Customer Loyalty and Increase Long-Term Partnership Value - Transparent Communication Mechanisms Help Build Customer Trust
Supply Chain Management		Suppliers and Partners		- Geopolitical factors lead to instability in the supply of key equipment, affecting project delivery - Poor ESG Performance by Suppliers May Trigger Associated Compliance Risks	- A Localized Supply Chain Layout Can Reduce Uncertainties in International Logistics - Green Procurement Policies Can Promote Collaborative Carbon Reduction Across the Industrial Chain

Topic Name	Affected Value Chain Segments	Affected Stakeholders	Nature of Impact	Risk	Opportunity
Information Security and Privacy Protection		- Customers - Company Employees		- Data breach incidents can lead to significant reputational damage and legal liability - Global Data Compliance Requirements, Such as GDPR and China's <i>Personal Information Protection Law</i>, Are Becoming Stricter	- A Zero-Trust Security Architecture Can Enhance the Defensive Capabilities of Data Centers, Creating a Competitive Advantage - Obtaining International Security Certifications Helps Expand into Markets with High Compliance Requirements
Employee Rights Protection		Company Employees		Intensifying competition for talent increases the risk of losing employees in key technical positions	- A Diversified Employment Policy Can Enhance the Corporate Social Image and Attract High-Quality Talent - A Comprehensive Employee Rights Protection Mechanism Can Attract High-Quality Talent and Support the Company's High-Quality Development
Occupational Health and Safety		- Company Employees - Suppliers and Partners		- Potential operational risks exist in the high-voltage power environments of data centers - Long Hours of High-Intensity Work May Affect the Physical and Mental Health of Employees	- Intelligentization of Inspection Technology Can Reduce the Risks of Manual Operations in High-Risk Environments - Certification of an Occupational Health Management System Can Enhance the Value of the Employer's Brand
Employee Training and Development		Company Employees		- Rapid technological iteration widens the skills gap and increases demand for employee training - The New Generation of Employees Has Higher Expectations for Career Development Paths, Making Retention More Difficult	- Collaboration with Vocational Education Institutions Allows for the Customized Cultivation of In-Demand Technical Talent - An Internal Mentorship System Can Accelerate Knowledge Transfer and Enhance Organizational Resilience
Employee Benefits and Care		Company Employees		Rising employee expectations for benefits increase hiring pressure on enterprises	Flexible Benefit Plans Can Meet the Diverse Needs of Employees and Increase Their Satisfaction
Industrial Ecosystem Collaboration		- Suppliers and Partners - Customers		- A lack of unified industry standards may increase the cost of ecosystem collaboration - The Insufficient ESG Capabilities of Small and Medium-Sized Enterprises Constrain the Overall Improvement of the Industrial Chain	- Leading an Industry Alliance Can Enhance Industry Influence and Promote the Joint Development of Standards - Technologically Empowering Small and Medium-Sized Suppliers Can Optimize the Sustainability Performance of the Entire Chain

Topic Name	Affected Value Chain Segments	Affected Stakeholders	Nature of Impact	Risk	Opportunity
Community Engagement		Community and the Public		- Poor management of community relations at project sites may trigger public opinion risks - A Lack of Rational Planning for Public Welfare Resource Investment Prevents the Creation of Greater Social Value	- Digital Skills Training Can Enhance a Community's Self-Sufficiency and Create Shared Value - Professional planning of public welfare projects can effectively contribute to social development and enhance the Company's brand value
Rural Revitalization		- Government and regulatory agencies - Community and the Public		- Long return periods for investments in rural digital infrastructure pose significant financial sustainability challenges - A Shortage of Regional Talent May Constrain Project Operational Efficiency	- The Development of "Digital and Intelligent Villages" Aligns with National Strategy and Receives Strong Policy Support - The Deployment of Distributed Computing Power Nodes Can Optimize Resource Utilization Efficiency
ESG Governance Enhancement		- Government and regulatory agencies - Shareholders and Investors - Customers		- The accelerating convergence of global ESG information disclosure standards increases compliance and disclosure pressure on enterprises - Institutional Investors' ESG Evaluation Systems Are Becoming Increasingly Detailed, and Rating Fluctuations May Affect Financing Conditions	- Leading ESG Governance Practices Can Enhance Recognition in International Capital Markets - The Development of a Digital ESG Management Platform Can Improve the Effectiveness of Data Governance
Corporate Governance		- Government and regulatory agencies - Shareholders and Investors		The further strengthening of controlling shareholder responsibilities means that corporate governance deficiencies may lead to joint legal risks	Optimizing the Professional Structure of the Board of Directors Can Improve the Quality of Strategic Decision-Making
Business Ethics		- Government and regulatory agencies - Shareholders and Investors - Suppliers and Partners - Customers		- New methods of corruption are constantly emerging, and violations of business ethics may expose enterprises to substantial fines and legal litigation - In the Event of Commercial Bribery or Corruption, an Enterprise May Lose the Trust of Its Customers	Adhering to high standards of Business Ethics helps an enterprise gain broader social support and enhances its market competitiveness
Stakeholder Communication		All stakeholders		Failure to promptly address stakeholder concerns may lead to market volatility and a decline in investor confidence	Through effective communication mechanisms, promptly addressing the concerns of Stakeholders can enhance their trust and support for the enterprise

Harmony with Nature: Contributing to a Zero- Carbon Future

Green is the foundation of the digital future. In the era of AI computing, we treat climate action as our highest strategic priority and have built an environmental compliance system that raises energy efficiency, aligns computing growth with green power, and minimizes our ecological footprint. We practice stringent pollutant and waste management to ensure that technological development leaves no ecological burden. We deepen our dual-driver model of "technology + finance", innovating with green finance tools such as Sustainability-Linked Loans (SLL) to empower the ecological transformation of the entire industry chain, allowing computing power to shine with the wisdom of harmonious coexistence between humanity and nature.

Sustainability topics covered in this chapter

Addressing Climate Change

Circular Economy

Environmental Compliance
Management

Pollutant and Waste
Management

Energy Utilization

Water Resource Management

United Nations Sustainable Development Goals (SDGs) Addressed in This Chapter



Addressing Climate Change

In 2025, the rapid evolution of AI technology brought about critical changes as large language models shifted from being training-driven to inference-driven, leading to a significant increase in AIDC energy consumption. Although the energy efficiency of individual computations improved, the expansion of total computing demand was far more rapid, drastically enlarging the environmental footprint of computing power infrastructure. This directly intensified Hoyinn's responsibilities in energy consumption and carbon emission management. Facing these new industry trends, Hoyinn clearly recognizes that computing power should not be viewed merely as a high-energy load but as a key node for green electricity consumption and an intelligent coordination hub for the energy system. Upholding its responsibility as an industry pioneer, the Company has deeply integrated the "synergistic development of computing, power, and carbon" into its corporate strategy and has established an integrated climate management system covering four key areas: governance; strategy; impact, risk, and opportunity management; and metrics and targets, strictly referencing international standards such as TCFD and IFRS S2. Hoyinn adheres to a dual-track approach of reducing carbon emissions in both its own operations and its industry chain, working with partners to build efficient, low-carbon, and sustainable green computing infrastructure.

Governance

Hoyinn places great importance on climate governance and has established a top-down, professional, and efficient three-tiered climate governance structure comprising the strategic, decision-making, and executive levels. The board of directors serves as the highest decision-making body, providing comprehensive coordination and oversight of climate-related impacts, risks, and opportunities. This ensures that climate governance is deeply integrated into the Company's strategic decisions and daily operations, solidifying the top-level design for green and low-carbon development.



Hoyinn's Climate Change Governance Structure ▲

The Company has formulated and implemented the *Regulation for Carbon Emission Data Reporting in Data Centers*, the *Regulation for Verification of Carbon Emission Measurement Equipment in Data Centers*, and the *Regulation for Retention of Carbon Emission Records in Data Centers*. These systems clarify the responsibilities of relevant departments for data archiving and updating, as well as for the management and maintenance of metering equipment. They also refine the statistical scope and accounting methods for carbon emissions, providing standardized guidance and data support for supervising energy conservation and emission reduction performance, assessing the achievement of Climate change targets, and developing and updating action plans for addressing climate change.

Strategy

The Company references IFRS S2 Climate-related Disclosures, issued by the *International Sustainability Standards Board* (ISSB), focusing on the medium-to long-term impacts of Climate change factors on its own operations and business development. It dynamically combines external risk characteristics with internal strategic planning to systematically manage climate-related risks and opportunities in its own operations and across the upstream and downstream value chain, ensuring the Company's business operations and model possess a high degree of financial resilience and adaptability under climate uncertainty.

Risk and Opportunity Dimensions	Risk and Opportunity Types	Time Horizon ¹	Affected Value Chain Segment	Potential Impacts of Risks and Opportunities	Risk and Opportunity Response Measures
Physical Risks					
Acute Risks	Extreme Weather (Extreme Heat, Extreme Cold, Extreme Precipitation, Flash Droughts, River Floods, and Tropical Cyclones)	Short-Term Medium-Term Long-Term	Upstream Own Operations Downstream	Extreme heat leads to a surge in cooling energy consumption, server thermal throttling, or even downtime, directly increasing PUE and electricity operating costs; Extreme cold may cause outdoor cooling equipment to freeze and create difficulties in starting backup generators; Although exposure to extreme precipitation and river floods is low in Huailai, Zhangjiakou, any occurrence of waterlogging or improper site selection could still damage underground cables, diesel storage tanks, and other infrastructure, leading to prolonged business interruptions; Flash droughts will increase the difficulty of obtaining cooling water, driving up water prices and compliance costs; Tropical cyclones have minimal direct impact on inland assets but may affect the stability of coastal supply chains.	Deploying liquid cooling solutions at scale to achieve a year-round PUE below 1.15; Installing heat tracing and insulation for outdoor facilities, while also conducting employee care activities to provide warmth during extreme cold; Incorporating environmental, climatic, and topographical factors into scientific assessments during the campus planning phase to mitigate risks such as flooding; Continuously optimizing liquid cooling technology to reduce WUE; Conducting emergency drills for heavy rainfall and other natural environmental events and sudden accidents to enhance employees' emergency management capabilities for extreme weather; In response to risks affecting coastal supply chains, such as tropical cyclones, developing a synergistic development model integrating "computing power, electricity, and carbon" and actively collaborating with upstream and downstream supply chain partners to enhance supply chain resilience.

¹Impact timeframe refers to the expected period over which a risk or opportunity event will affect the Company after it occurs. Short-term: 0–3 years; medium-term: 4–5 years; long-term: more than 5 years.

Risk and Opportunity Dimensions	Risk and Opportunity Types	Time Horizon ¹	Affected Value Chain Segment	Potential Impacts of Risks and Opportunities	Risk and Opportunity Response Measures
Chronic Risks	Water Scarcity	Medium-Term Long-Term	Own Operations	Climate change exacerbates water scarcity. The Beijing-Tianjin-Hebei region has limited total water resources yet supports a large portion of the nation's population and economic activity, making water relatively scarce. Traditional data center cooling methods are water-intensive, and decreasing water resources will lead to higher water purchase costs, resulting in additional operational expenses.	The campus adopts a cold plate liquid cooling solution featuring an "open cooling tower + plate heat exchangers", which significantly lowers the annual PUE to a low level and achieve significant electricity and water savings; Deploying rainwater recycling facilities to use treated rainwater for campus greening and road sprinkling.
	Warming Trend	Medium-Term Long-Term	Own Operations	A long-term rise in temperature may shorten the window for using natural cooling, increasing the demand for mechanical refrigeration, which in turn drives up PUE and electricity operating costs; furthermore, global warming exacerbates the stability challenges for power systems under high loads.	Based on a "Generation-Grid-Load-Storage" integration strategy, the Company collaborates with renewable energy enterprises to obtain green power in Zhangjiakou and explore the practice of 100% green electricity supply for Hoyinn (Huailai) Technology Industrial Campus. The Company has implemented large-scale indirect evaporative cooling technology, which automatically adjusts between dry, wet, and hybrid operating modes based on climate change and IT load, maximizing the use of low outdoor temperatures and reducing the duration of mechanical refrigeration. The campus waste heat recovery system converts waste heat from server rooms into a heating source for the campus, effectively reducing overall energy consumption.
	Drying Trend	Medium-Term Long-Term	Own Operations	Under a long-term drying trend, lower relative air humidity may increase the risk of electrostatic discharge, posing a potential threat to sensitive electronic equipment; meanwhile, an increase in airborne dust could compromise the efficiency of air filtration systems.	The campus server rooms use an AHU indirect evaporative cooling system that automatically switches between dry, wet, and hybrid modes in dry conditions through AI-powered cluster control, coordination, and intelligent dynamic optimization, allowing for flexible adjustments to water and electricity conservation strategies. Leveraging the advantage of Zhangjiakou's perennially dry climate, the system can operate in a water-free indirect evaporative dry mode for most of the year, significantly reducing water and electricity consumption.
	Sea Level Rise	Long-Term	Upstream Own Operations Downstream	The Company's own infrastructure located in low-lying areas is at risk of inundation. Supply chains in low-lying coastal areas may face supply instability, which would increase the complexity of supply chain management.	During the campus site selection phase, factors such as climate and terrain were included in a scientific assessment; campus planning has strictly implemented integrated energy management and green and low-carbon strategies, integrating risk management, including for climate change, into all business processes through a multi-level ESG organizational structure. For suppliers, the Company leverages a "Generation-Grid-Load-Storage" integration model and green electricity aggregation to reduce reliance on supply chains in low-altitude coastal areas and continuously enhance supply chain resilience.

Risk and Opportunity Dimensions	Risk and Opportunity Types	Time Horizon ¹	Affected Value Chain Segment	Potential Impacts of Risks and Opportunities	Risk and Opportunity Response Measures
Transition Risks					
Policy and Legal Risks	Increasing Uncertainty in International Climate Policy	Short-Term Medium-Term	Upstream Own Operations Downstream	Regulatory policies in overseas markets, particularly concerning climate change, differ from domestic ones, creating pressure on business operations and the supply chain and affecting market opportunities.	The Company strengthens its dynamic tracking and in-depth analysis of overseas policies and regulations, integrating these insights into its business decision-making processes. We dynamically optimize our climate response strategies to ensure they remain consistent and compliant with regulatory requirements and corporate strategy. The Company proactively participates in international exchanges and cooperation in the climate field to broaden its global perspective and prepares its Sustainability Report in accordance with mainstream disclosure frameworks.
	Stricter National Climate Policies	Medium-Term Long-Term	Upstream Own Operations Downstream	Continuously rising "net-zero carbon" and energy efficiency standards require companies to increase investment in energy-saving technology R&D and equipment upgrades, driving up operating costs.	Adhering to the development philosophy of innovation in green energy and data, the Company has already achieved 100% renewable energy use in some of its campuses. The Company deepens communication and collaboration with government departments and industry ecosystem partners to stay informed of policy dynamics and development trends. We continue to advance the research, development, and large-scale application of low-energy consumption technologies. We collaborate with suppliers to jointly promote low-energy consumption equipment and solutions.
	More Detailed Standards and Specifications for Data Center Construction	Medium-Term Long-Term	Upstream Own Operations Downstream	Increasingly detailed standards and specifications for data center construction may force unplanned changes to planning and design.	The Company strengthens its planning and design capabilities, having already incorporated scientific assessments of factors like climate and terrain during the campus site selection phase. We actively participate in industry exchanges to ensure the advanced nature of our technology systems. The Company builds green data centers, optimizes the energy consumption structure of its campuses, and enhances its integrated energy management capabilities.

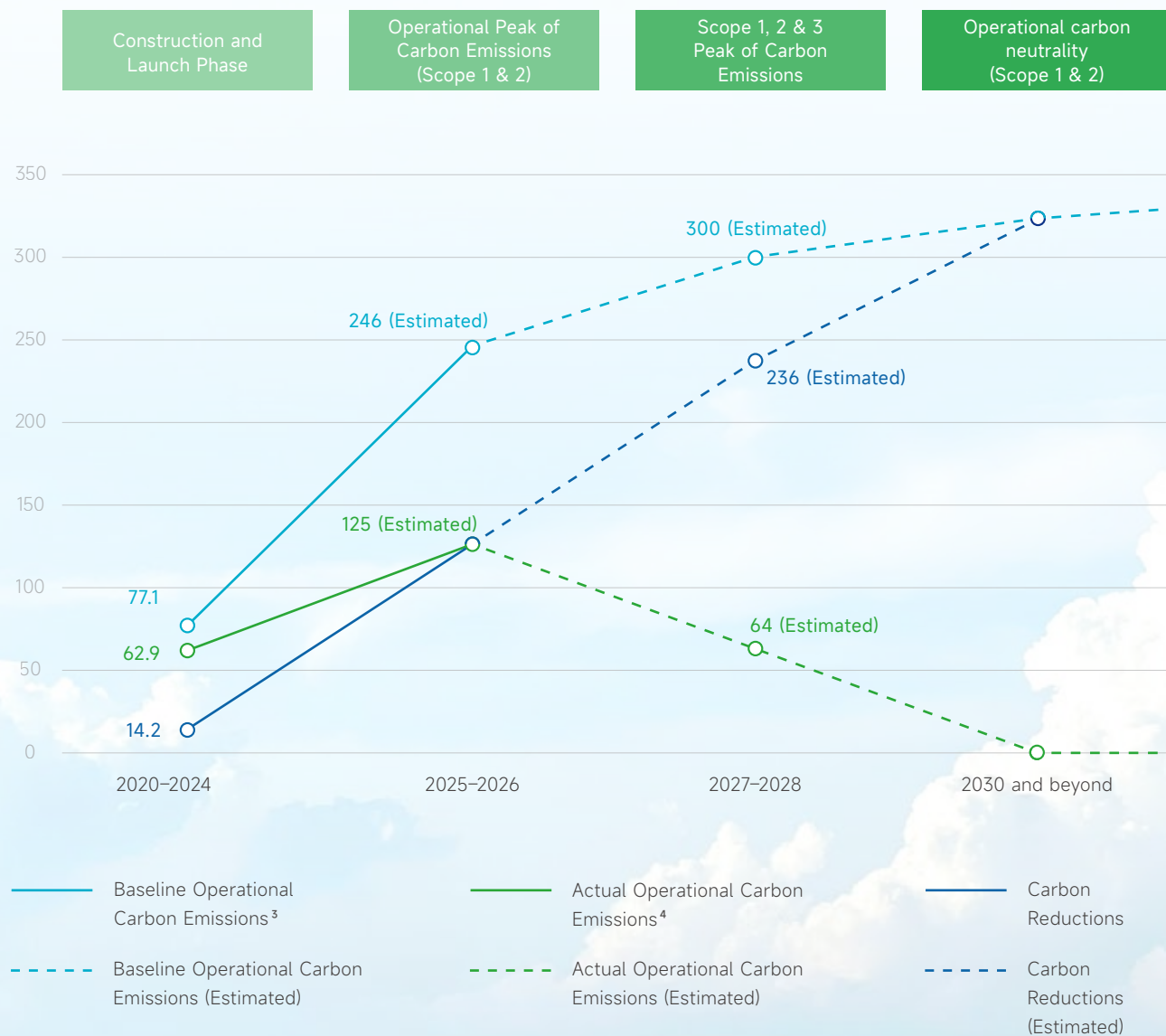
Risk and Opportunity Dimensions	Risk and Opportunity Types	Time Horizon ¹	Affected Value Chain Segment	Potential Impacts of Risks and Opportunities	Risk and Opportunity Response Measures
Market Risks	Market Preference for Low-Energy, Low-Emission Data Centers	Medium-Term Long-Term	Own Operations Downstream	As AI large language models shift from being training-driven to inference-driven, AIDC is trending toward continuous operation, although energy efficiency per unit of computing power improves, a sharp expansion in total computing demand is enlarging the environmental footprint of computing power infrastructure. Customers are paying increasing attention to green metrics for data centers, such as PUE, WUE, and CUE, and data centers that fail to meet the market's low-carbon requirements may face customer attrition and weakened competitiveness.	Increase the proportion of green electricity usage and continuously optimize green energy efficiency indicators such as PUE, WUE, and CUE, while consistently lowering PUE through indirect evaporative cooling technology and liquid cooling solutions. Collaborate with ecosystem partners to build a tripartite synergistic development model driven by computing power demand, supported by green electricity, and managed with precise carbon emission controls.
	Insufficient Supply of Green Computing Power	Short-Term Medium-Term	Own Operations Downstream	The growth in market demand for green computing power has far exceeded expectations, and coupled with the surge in energy consumption from the large-scale application of AI inference in 2025, this has led to rising procurement costs for green electricity and green certificates, increasing pressure on operating expenses. There is a structural shortage in the supply of high-quality green computing power for future large-scale applications such as AI training.	Based on its understanding of the "synergistic development of computing, power, and carbon," Hoyinn has achieved traceable and certifiable green electricity through verification of large-scale green electricity and green certificate transactions. Phase I of the campus has achieved full production with a considerable IT capacity and a very large number of deployed servers, providing an ample supply of green computing power for Beijing's internet, finance, and AI sectors.
Technology Risks	High Investment Costs for New Technology R&D and Difficulties in Large-Scale Application	Medium-Term Long-Term	Own Operations Downstream	The initial construction cost of liquid cooling is several times that of traditional air cooling, resulting in a longer investment return period and placing significant initial capital expenditure pressure on enterprises. Inconsistent interface designs from different manufacturers pose compatibility challenges when mixing server brands, leading to poor interoperability and hindering the transition of liquid cooling technology from pilot projects to large-scale application.	Completed full-scenario verification from single cabinets to the campus level for large-scale liquid cooling deployment, adopting a cold plate liquid cooling solution with an "open cooling tower + plate heat exchangers" to achieve year-round natural cooling and an accompanying waste heat recovery system. Actively promote the standardization and modular deployment of liquid cooling technology, supporting unified adaptation and compatibility management in multi-brand server mixed-use scenarios. Cultivate professional talent for liquid cooling system operation and maintenance, and improve internal technical standards and operational specifications to accelerate the transition of liquid cooling technology from pilot verification to large-scale application through a combined strategy of standardization, modularization, and ecosystem collaboration.

Risk and Opportunity Dimensions	Risk and Opportunity Types	Time Horizon ¹	Affected Value Chain Segment	Potential Impacts of Risks and Opportunities	Risk and Opportunity Response Measures
Reputation Risks	Ineffective Climate Change Response and Greenwashing	Short-Term Medium-Term	Own Operations	If there is a gap between the Company's climate commitments and its actual actions, or if there are exaggerated or misleading statements in its ESG disclosures, it may face reputational damage from investors, customers, and the public, thereby eroding market trust.	Prepare and disclose an annual ESG report with independent third-party assurance to ensure the authenticity and accuracy of the disclosed information. Increase the proportion of green electricity used and clarify the net-zero emission path. Implement an internationally recognized carbon-neutral data center standard to drive the green transformation of the industry.
Transition Opportunities					
Policy Opportunities	Favorable Policy Support	Short-Term Medium-Term Long-Term	Own Operations	The state continues to advance the market-oriented allocation of data as a factor of production and accelerate the development of a nationally integrated data market, providing the data center industry with stable policy expectations and market space. A combination of policies, such as the designation of green data centers and requirements for green electricity consumption ratios, offers a clear pathway for enterprises to apply for national-level green brand recognition and gain access to preferential policy resources.	In active response to policy directives, the Company has adopted new waste heat recovery technology, installing a water-source heat pump recovery system in the cooling station, which feeds into government-supported district waste heat recovery stations to provide a stable heat source for the surrounding area. Concurrently, rainwater recycling facilities and a distributed photovoltaic power generation system have been built to enhance the campus's green power dispatch capabilities.
	Participation in Carbon Markets	Short-Term Medium-Term Long-Term	Own Operations	As data centers are officially included within the scope of carbon market regulation, enterprises face the challenge of increased carbon allowance compliance costs, but they can also realize emission reduction benefits through voluntary emission reduction trading mechanisms. The rapid development of carbon finance markets and green finance instruments provides new financing channels for the low-carbon transformation of data centers.	Relying on its green energy and data industry partner, Heengy, the Company built its first wind power and photovoltaic new energy power station in Zhangjiakou, completed its first green certificate transaction, and achieved a reduction in carbon emissions. In collaboration with financial institutions, the Company launched the first sustainability-linked loan based on the green computing power index and is advancing a carbon neutral data center sustainability loan project, building a tripartite synergistic development model of "computing power-electricity-carbon".

Risk and Opportunity Dimensions	Risk and Opportunity Types	Time Horizon ¹	Affected Value Chain Segment	Potential Impacts of Risks and Opportunities	Risk and Opportunity Response Measures
Market Opportunities	Growth in Demand for Green Products and Services	Medium-Term Long-Term	Own Operations Downstream	As requirements for green electricity consumption ratios continue to rise, data center products with direct green electricity supply capabilities are highly favored by the market. Customers are willing to pay a premium for such green products, and carbon-compliant green products are expected to see opportunities for differentiated pricing.	The Company continues to deepen strategic cooperation with leading enterprises in fields such as the internet, finance, and AI large language models, meeting customer green compliance needs through the large-scale supply of green computing power. By leveraging an integrated "Generation-Grid-Load-Storage" model to achieve direct green electricity supply, the Company can effectively reduce customer carbon footprints and provide traceable, certifiable green computing products.
Technology Opportunities	Low-Carbon Technology R&D	Medium-Term Long-Term	Own Operations Downstream	Liquid cooling technology is transitioning from pilot verification to large-scale deployment, significantly reducing PUE and supporting the high-density computing power demands of AI, leading to a rapid increase in global liquid cooling penetration. Indirect evaporative cooling and the use of natural cold sources extend the natural cooling period, reducing the energy consumption of mechanical refrigeration. Green computing is deeply integrated with the clean energy system, continuously amplifying the market value of low-carbon computing power.	Completed the full-scenario verification and large-scale deployment of liquid cooling technology from single cabinets to the campus level; the "open cooling tower + plate heat exchangers" cold plate liquid cooling solution achieves year-round natural cooling. Large-scale adoption of indirect evaporative cooling technology, with operating modes automatically adjusted based on climate and IT load; self-developed energy and carbon management system and intelligent O&M management platform enable fine-grained control of energy consumption and carbon emissions. Promoting the large-scale application of waste heat recovery, recycling heat from data centers to provide a heat source for the campus and surrounding areas, continuously reducing overall energy consumption.

Based on the aforementioned analysis of climate change-related risks and impacts, starting from 2024, Hoyinn has defined the Company's net-zero emission path by referencing authoritative frameworks such as the Science Based Targets initiative (SBTi) and the ISO Net Zero Guidelines (IWA 42:2022), and based on a comprehensive assessment of the Company's current carbon emissions and business growth trends.

Hoyinn's Net-Zero Emissions Pathway (Unit: 10,000 tCO₂e)²



²Hoyinn has formulated this Net-Zero Emissions Pathway based on the Company's current strategic plan. If the Company undergoes any significant strategic adjustments in the future, the Net-Zero Emissions Pathway will be updated accordingly in a timely manner.

³Baseline operational carbon emissions refer to the carbon emissions generated in the final year of that phase.

⁴Actual operational carbon emissions refer to the net carbon emissions after deducting the carbon emission equivalents offset by measures such as purchasing green electricity or green certificates.

We will ensure the efficient achievement of our net-zero targets by optimizing energy conservation management in individual data center buildings, building a green operations and maintenance system, upgrading our intelligent energy and carbon management system, and promoting green electricity trading and full lifecycle management of equipment. Concurrently, we will actively collaborate with partners across the industrial chain to drive the reshaping of the digital energy industry structure and enhance ecological value.

Case Study | Collaborating with Huawei Digital Power to Create a "Carbon Journey" Benchmark Case

Hoyinn collaborated with Huawei Digital Power to develop the Huailai GW-level zero-carbon smart computing cluster into a benchmark case for Huawei's Carbon Journey, achieving a three-in-one integration of technology, case study, and brand. Leveraging the advantages of Huailai's natural cold sources, the two parties jointly created a digital-energy integration paradigm of "Generation-Grid-Load-Storage + liquid cooling + carbon management": 100% green electricity supply on the source side; a green electricity consumption system on the grid side; liquid cooling and indirect evaporative cooling technologies on the load side; and a supporting waste heat recovery system on the storage side. Concurrently, an intelligent carbon management platform enables precise tracking and optimization of full lifecycle carbon emissions. This project provides a replicable and scalable practical pathway for the zero-carbon transformation of data centers.

To realize green value, Hoyinn uses green finance as a key driver of the synergistic development of computing, electricity, and carbon. In 2024, the Company secured its first sustainability-linked loan. In 2025, it further deepened its cooperation with financial institutions such as Shanghai Pudong Development Bank. The two parties continue to explore innovative cooperation models, using the Green Computing White Paper as a benchmark and to implement the first carbon-neutral sustainability loan for data centers. This initiative has been successfully deployed in an operational data center, setting a benchmark for the data center industry in promoting green development through the integration of finance and industry. In terms of equity investment, the Company actively introduced strategic investor Henan Investment Group to jointly explore new paths for computing and electricity synergy. During the reporting period, the Company received the "2025 Leading Finance for Good" award at the 15th China Philanthropy Festival and ESG Impact Annual Conference.

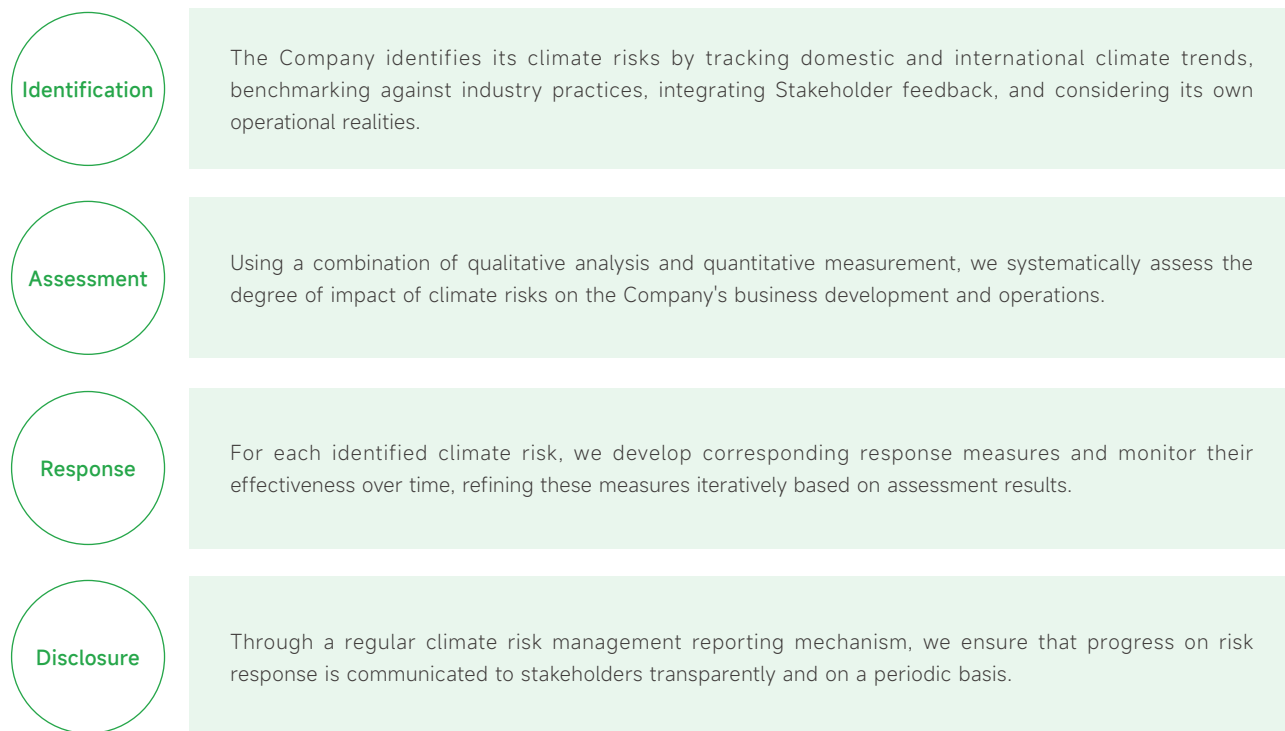
Hoyinn Received the "2025 Leading Finance for Good" Award at the 15th China Philanthropy Festival and ESG Impact Annual Conference



In the future, the Company will replicate the "green computing index-linked loan" from a single case to additional projects. It will also study the possibility of converting green data center assets in Zhangjiakou and other locations into public REITs or held-for-investment asset-backed securities (ABS). Furthermore, by capitalizing on the synergy between its data center and new energy businesses, the Company intends to develop combined "computing-electricity synergy" investment products for both private and public markets, thereby sustaining resource support for its green and low-carbon transformation.

Impact, Risk, and Opportunity Management

In accordance with the TCFD framework, we have integrated climate change governance into our ESG management system and established a regular management process for climate risks and opportunities. In line with our business realities, the Company defines short-term: 0–3 years; medium-term: 4–5 years; long-term: more than 5 years. Based on these timeframes, we identify and analyze the climate impacts, risks, and opportunities in our direct operations and across the upstream and downstream value chain. Based on a holistic assessment of the Company's environmental dependencies, impacts, risks, and opportunities, we have formulated a low-carbon emission reduction action strategy covering our own operations and supply chain, which serves as our core path for addressing climate change.



Hoyinn's Climate-Related Risk and Opportunity Identification and Management Process ▲

Metrics and Targets

In response to the "dual carbon" goals, we have established clear milestones for carbon peaking and carbon neutrality. We are continually refining our carbon emission accounting methodologies and boundaries to support the development and regular updating of our climate action plans.

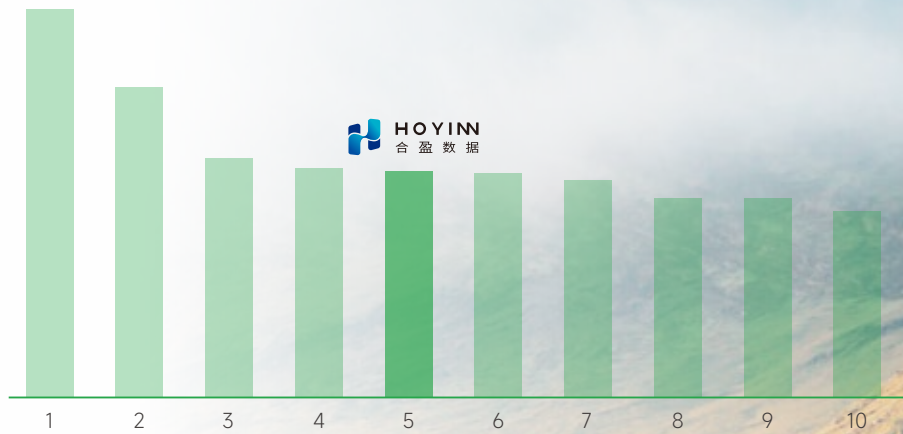
Timeframe	2025-2026	2027-2028	2030 and Beyond
Targets	Peak carbon emissions for Scope 1 and Scope 2 in operations	Peak carbon emissions for Scope 1, Scope 2, and Scope 3 in operations	Carbon neutrality for Scope 1 and Scope 2 in operations

Hoyinn's Climate Management Targets ▲

During the reporting period, in the *2025 Development Research Report on China's Third-Party Computing Center Service Providers* compiled by Kezhi Consulting:

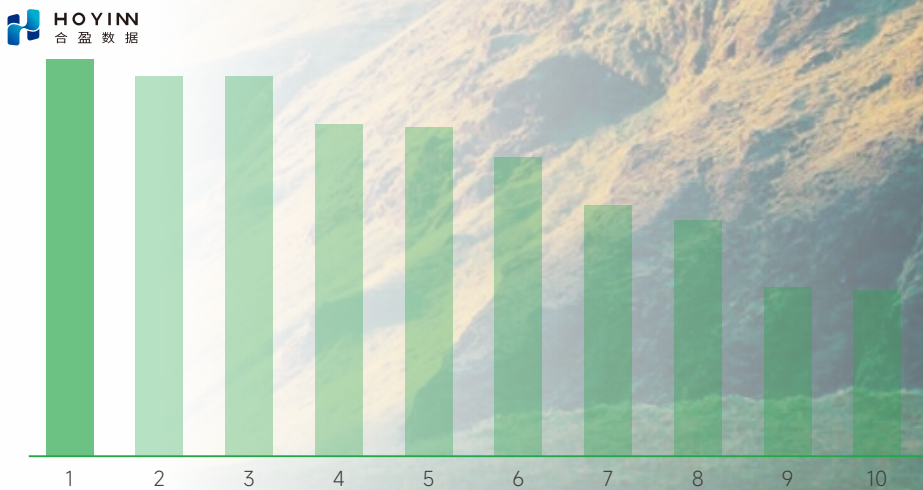
- Ranked **5th** in Operational Capability
- Ranked **1st** in Green and Low-Carbon Performance (Carbon Neutrality Practices)

Top 10 Third-Party Computing Center Service Providers in China by Operational Capability



Data source: Kezhi Digital Consulting

Top 10 Third-Party Computing Center Service Providers in China by Green & Low-Carbon Performance



Data source: Kezhi Digital Consulting

2025

 Total Greenhouse Gas (GHG) Emissions at the Operational Level⁵
1,382,040.10 tCO₂e

Scope 1 Emissions

27,100.39 tCO₂e

Scope 2 Emissions

1,354,939.71 tCO₂e

 Carbon Reduction from Offsetting Measures⁶
689,631.95 tCO₂e

 Actual Emissions after Offsetting⁷
894,142.48 tCO₂e

⁵During the reporting period, Hoyinn carried out the calculation of GHG emissions in accordance with the "2006 IPCC National Greenhouse Gas Inventory Guidelines", the "IPCC Sixth Assessment Report", the "2019 Revised Edition of the IPCC National Greenhouse Gas Inventory Guidelines", the "Announcement of the Ministry of Ecology and Environment of China on the Release of the National Average Carbon Dioxide Emission Factor for 2023", and other standards.

⁶Carbon Reduction from Offsetting Measures refers to the emission reduction volume corresponding to the emission reduction measures such as using green electricity and purchasing green electricity certificates. It is calculated using the "Announcement on the Release of the National Average Carbon Dioxide Emission Factors for 2023" issued by the Ministry of Ecology and Environment of China, the national average carbon dioxide emission factor for electricity in 2023 (excluding non-fossil energy electricity traded on the market) (0.6096 kgCO₂e/kWh).

⁷Actual Emissions after Offsetting refers to the final GHG emission volume that a company obtains after carbon emission accounting, taking into account the emission reduction brought about by measures such as purchasing green electricity and green certificates, and considering all relevant factors.

Green Operations and Resource Use



Environmental Compliance Management

Hoyinn strictly complies with all local laws and regulations at its operating locations, including the *Environmental Protection Law of the People's Republic of China*, the *Energy Conservation Law of the People's Republic of China*, the *Water Law of the People's Republic of China*, and the *Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste*. The Company has established an environmental governance structure covering departments such as administration, finance, operations and maintenance, and the Langfang subsidiary, clarifying the environmental management responsibilities for each department and process. In 2025, the Company released the *Workplace Safety and Office Environment Management Measures V1.0*, further enhancing its internal environmental management system. We proactively align with policy requirements, conduct regular emergency drills for events like heavy rainfall and equipment failures, and leverage the "7×24 Growth Training Camp" to empower green operations and maintenance, systematically improving Hoyinn's environmental management capabilities.

During the reporting period, Hoyinn

- Invested RMB **24.78** Million in Environmental Protection for the Full Year
- The Campus's Data Center Was Named One of the "2025 National Green Computing Infrastructure"

Energy Management

Guided by the development philosophy of green digital energy, Hoyinn deepens the synergy of computing, electricity, and carbon, as well as smart energy and carbon management, energy-saving technology innovation, and clean energy substitution, building a development path for zero-carbon intelligent computing in the era of artificial intelligence. We leverage our "Generation-Grid-Load-Storage" integrated practice to promote full-chain synergy in green electricity production, consumption, and carbon asset management. Our approach uses a digitalized energy and carbon management system to empower refined operations and a highly flexible infrastructure to achieve efficient matching of computing power and energy. We anchor our direction with our philosophy, respond to challenges with practical scenarios, quantify value with standards, and build consensus with clear goals, committed to becoming a leader in the green energy and data industrial ecosystem.

Model Innovation

Hoyinn's core strategy is the synergy of computing, electricity, and carbon, systematically building a dynamic matching mechanism between green energy supply and computing power load. Leveraging the "Generation-Grid-Load-Storage" integrated concept, the Company actively explores green electricity supply paths with industry chain partners. Through market-based means, it deeply integrates green electricity consumption with carbon reduction targets, forming end-to-end synergy from green electricity production and transaction fulfillment to closed-loop carbon asset management. On this foundation, the Company continues to explore the flexible linkage between energy dispatch and computing power dispatch, gradually building an internally driven carbon reduction governance system. This model effectively enhances clean energy utilization efficiency and provides a replicable practical path for the data center industry to explore the synergistic optimization of computing power, electricity, and carbon emissions.

Leveraging industrial synergy, Hoyinn has pioneered the largest integrated source-grid-load-storage carbon neutrality demonstration project in the Beijing-Tianjin-Hebei region, located in Zhangjiakou. A large-scale synergistic pattern has been formed between the data center's load side and the new energy generation side, laying the foundation for efficient linkage between power generation and consumption. Concurrently, the Company continues to advance the systematic construction of a computing, electricity, and carbon synergy mechanism. With deep "Generation-Grid-Load-Storage" synergy at its core, it uses market-based methods like green electricity trading to promote efficient matching and dynamic adaptation between new energy generation and computing power loads. This creates a full-chain synergistic capability encompassing "green electricity production—efficient consumption—closed-loop carbon asset management", achieving the coordinated optimization of computing power, electricity, and carbon emissions. This project has been selected as one of the first batch of national exemplary cases of computing and electricity synergy, signifying that Hoyinn's innovative practices in integrated computing, electricity, and carbon development have received national recognition and provided a replicable industry paradigm for the deep integration of green computing and clean energy.

Case Study

Computing Power Demands Drive the Consumption of Green Electricity, Creating A New Integrated Model of "Computing Power-Electricity-Carbon Power" Collaboration

In 2025, the Company signed a green certificate transaction contract with Heengy, transacting the first batch of 142,796 green certificates. These correspond to the green electricity generated by the 240 MW Guyuan wind power project and the 300 MW Yuxian photovoltaic project. This transaction achieved a carbon emission reduction of 76,600 tCO₂e and successfully obtained PAS 2060 carbon neutrality certification. This practice is a significant manifestation of the Company's efforts to advance its net-zero carbon strategy by closely collaborating with ecosystem partners and innovatively building a "computing power-electricity-carbon" trinity development paradigm driven by computing power demand, supported by green electricity, and precisely controlled for carbon emissions.

Management Innovation

Hoyinn focuses on digital innovation in energy and carbon management as a key driver to systematically enhance energy utilization efficiency and carbon reduction capabilities, continuously strengthening the green competitiveness of its zero-carbon intelligent computing infrastructure. Against the backdrop of AI technology breakthroughs, the Company deeply integrates cutting-edge technologies like artificial intelligence and big data to make its energy and carbon management more intelligent and precise. At the same time, we establish energy-saving incentive mechanisms with clients to convert energy efficiency management into green value, co-creating a new paradigm for green data center cooperation. We build green value with clients through these incentive mechanisms and incorporate energy storage systems into our energy regulation framework, driving the formation and optimization of high-efficiency energy use paths through management innovation.

With "Smart Carbon Management" as its core philosophy, the Company deeply integrates green and low-carbon principles into the operational management of its data center campuses. The Company's Energy and Carbon Management System 1.0 enables comprehensive, real-time monitoring of daily campus operations by collecting complete energy use and carbon emission data, combined with relevant management measures. During the reporting period, the Company's energy and carbon management system has been upgraded from version 1.0 to 2.0. This new version deeply integrates cutting-edge technologies such as artificial intelligence, big data, and digital twin. It focuses on building refined energy management models and an online carbon emission monitoring system, particularly in areas like electricity-carbon intensity coupling, carbon management, and green computing index quantification. This creates a zero-carbon digital foundation that supports an IoT platform, a big data platform, and an application platform, enabling real-time visual analysis and dynamic optimization of energy and carbon data. The Smart Energy and Carbon Management Platform 2.0 expands its scope from daily campus operations to real-time tracking of key indicators like data center PUE, WUE, and carbon emissions. Through refined control measures such as switching off lights promptly and powering down equipment during holidays, new technology applications, and equipment retrofits, it continuously reduces energy consumption. This advances refined carbon asset management from "Static Monitoring" to "Dynamic Prediction and Intelligent Optimization." After the system goes live, the carbon emission intensity per unit of computing power on campus is expected to show a continuous downward trend, significantly enhancing the systematic, precise, and forward-looking nature of data center carbon asset management.

Case Study | ND19 Receives PUE Energy-Saving Award for Refined Operations

In 2025, through refined management and continuous optimization, Hoyinn's ND19 achieved an average annual PUE of 1.186, well above client expectations and earning an energy-saving award. This demonstrates Hoyinn's professional capabilities and performance strength in the field of energy efficiency management.

Technical Innovation

Hoyinn leverages sustainable AIDC infrastructure as its primary carrier. Leveraging the high flexibility and compatibility of this infrastructure, combined with elastic power design and modular prefabrication capabilities, it can quickly adjust the physical layout according to client business needs. This enables on-demand power and cooling supply, avoids the waste from mismatched computing power and energy, and achieves the synergistic goals of Agile Delivery and energy consumption reduction. We continue to promote the innovative application of energy-saving technologies and increase the proportion of green electricity use through the construction and application of a new type of power system and green electricity procurement.



Energy-Saving Technology Innovation

In terms of energy-saving technology innovation, the Company has made significant breakthroughs in the R&D and application of several technologies, including the large-scale deployment of liquid cooling solutions. The Company is researching a combined air-and-liquid cooling system for projects in high-temperature, high-humidity regions, which provides coolant supply temperatures below 30°C and allows for partial free cooling throughout the year, reducing operational energy consumption. Additionally, the ND18 project recovers heat from the liquid cooling system, which can be used for heating the jacket water of generator sets, replacing electric heating solutions and effectively reducing electricity consumption.

Case Study | High-Efficiency Combined Air-and-liquid Cooling System for Data Centers

To address the needs of high-temperature, high-humidity climates and high-density intelligent computing deployments, Hoyinn has innovatively designed a combined air and liquid source cooling system. It provides cooling temperatures below 30°C, ensuring the highly reliable operation of liquid-cooled cabinets while also being fully compatible with future iterations of client IT equipment. This system can operate in a partial free cooling mode throughout the year, significantly reducing operational energy consumption.

Case Study | Innovative Use of Liquid Cooling System Recovery at the ND18 Project

Hoyinn's ND18 project innovatively utilizes recovered heat from its liquid cooling system to heat the jacket water of generator sets, replacing traditional electric heating methods and ensuring the startup performance of the generators in low-temperature environments. Following its successful implementation, this solution has significantly reduced electricity consumption and demonstrated stable, reliable operation. This waste heat utilization technology has now been proven successful, and there are plans to expand its application in more projects, providing a replicable technical path for energy saving and consumption reduction in data centers.

Case Study | Hoyinn's High-Power-Density Liquid Cooling Practice Wins Data Center Cooling Innovation Award

To address the cooling challenges posed by the continuously rising power consumption of AI chips, the Hoyinn (Huailai) Technology Industrial Campus has developed a flexible cooling solution centered on liquid cooling technology, designed for high-density deployments. The project utilizes an "open cooling tower + plate heat exchangers" cold plate liquid cooling solution, with high-capacity liquid cooling distribution units at the end-points and an optimized control system to maximize the use of natural cooling. This approach eliminates the need for mechanical refrigeration year-round, fully unlocking its energy-saving potential. The annual PUE can be reduced to 1.13, saving approximately 50 million kWh of electricity and 360,000 tons of water annually compared to the industry average. Leveraging the high-temperature return water characteristic of the liquid cooling system, the project also incorporates a waste heat recovery system. This system uses waste heat from the data center for winter heating and anti-freezing in public areas, recovering 4,100 GJ of heat, saving 1.1 million kWh of electricity, and reducing carbon dioxide emissions by approximately 745 tonnes of CO₂ annually. In recognition of its significant energy-saving achievements, the project received the w.media Data Center Cooling Innovation Award in December 2025, providing a replicable solution from China for the green and low-carbon development of high-density computing power centers worldwide.



Clean Energy Substitution

Hoyinn continuously optimizes its energy structure and actively explores the integration of large-scale renewable energy generation, such as wind power and photovoltaics, with energy storage and data center electricity consumption. Through the construction and application of a new type of power system, the Company helps cluster-level data centers increase their use of green electricity, reducing carbon emissions at the source. The campus has its own distributed photovoltaic power generation system to support daily office and public facility electricity needs, complemented by energy storage facilities to enhance regulation capabilities. Additionally, the Company actively procures green electricity and makes comprehensive use of renewable energy, driving the energy consumption of its data centers toward a green, low-carbon, and sustainable future.

Case Study | ND12 Data Center completed the PAS 2060 Carbon Neutrality Certification

The nearly 50 MW ND12 data center at the Hoyinn (Huailai) Technology Industrial Campus successfully achieved PAS 2060 carbon neutrality certification, achieving an annual reduction of 200,084.54 tCO₂e across Scope 1 and Scope 2 and using 100% renewable energy. The Scope 1 carbon reduction covers all emission sources, including diesel, refrigerants, fire extinguishing agents, and methane. The Scope 2 carbon reduction relies primarily on wind and photovoltaic power plants built and operated in Zhangjiakou by Heengy. This certification signifies that Hoyinn has reached an internationally leading level in the field of zero-carbon smart computing.



ND12 Data Center PAS 2060 Carbon Neutrality Certificate ▲

During the reporting period, Hoyinn

- Set a PUE Target of ≤ 1.25 and Achieved an Actual Average Annual **PUE of 1.229**, Outperforming the Target

2025

Gasoline Consumption⁸

9,815.95 Liters

Diesel Consumption

529,519.47 Liters

Purchased Grid Electricity

2,553,599,145 kWh

Data Center Campus

2,553,475,592.42 kWh

Beijing Office

123,552.75 kWh

Solar Power Generation

5,603.58 kWh

Renewable Energy and RECs

1,131,286 MWh

⁸Gasoline consumption for 2025 is calculated based on the total amount recharged to fuel cards in 2025 and the average price of No. 95 gasoline at RMB 8.15 per liter.

Water Resource Management

Hoyinn has established a water resource management system covering the entire lifecycle. The Company sets annual WUE control targets, which are broken down for detailed monthly, weekly, and daily monitoring, continuously optimizing equipment operation and the water-electricity balance.

In terms of water-saving technology, the Company collaborates with leading industry suppliers to develop split-type phase-change cooling capacity distribution units and researches water-saving cold source solutions for liquid cooling systems to reduce water demand at the source. Project siting prioritizes water-saving conditions and includes supporting water conservation facilities. In terms of water-saving management, the Company further reduced water consumption compared to 2024 by meticulously managing water usage, advancing plans for reclaimed water reuse, and optimizing equipment maintenance and operational strategies to balance water and electricity consumption. Regarding the use of unconventional water sources, the campus is equipped with rainwater recycling facilities, and the treated water is used for landscaping and road dust suppression. Pipelines for reclaimed water reuse have also been pre-installed to actively promote the use of municipal reclaimed water.

During the reporting period, Hoyinn

- Achieved A WUE of **0.941**, Outperforming the Annual Control Target

2025

Water Usage

1,974,074.79 tonnes

Production Water

1,963,596.32 tonnes

Domestic Water

10,478.47 tonnes

Water Consumption

1,233,263.76 tonnes

Pollutant and Waste Management

Hoyinn has established a waste management system that covers the entire construction and operation lifecycle. This system defines environmental responsibilities for all stages, including office work, construction, and operations and maintenance. It ensures the compliant disposal of all types of pollutants and waste, continuously reducing the Company's environmental footprint.



Waste Reduction

In office areas, we promote environmental actions such as double-sided printing and waste paper reuse. During the construction phase, we advance the deployment of prefabricated products to reduce construction waste, with indoor construction debris centrally collected and disposed of at designated sites, while outdoor roads are regularly swept and sprinkled to suppress dust. In operations, we promote the recycling and reuse of consumables, such as cleaning filter screens to extend their service life.



Waste Management

Items such as toner cartridges, used batteries, and waste oil are collected by qualified professional suppliers for unified recycling. The campus is also constructing a hazardous waste storage facility for temporary holding.



Wastewater Treatment

Domestic and industrial wastewater is centrally treated to meet standards before discharge to the municipal wastewater treatment plant, and the campus can independently test the quality of the effluent. For new projects, we coordinate with the campus owner to build new supporting wastewater treatment plants adapted to the specific characteristics of data center wastewater discharge.



Dust and Noise Control

Construction sites use measures such as filter mesh coverings, water sprinkling, and mist cannons for dust suppression to meet local government requirements.

2025

Total Hazardous Waste Generated **26.06** Tons

Ecological Protection

The Company supports the United Nations Sustainable Development Goals related to biodiversity, actively responds to global initiatives and international conventions such as the *UN Convention on Biological Diversity* and the *Kunming-Montreal Global Biodiversity Framework*, and strictly adheres to national planning requirements like the *China Biodiversity Conservation Strategy and Action Plan (2023–2030)*.

To implement our biodiversity conservation commitments, for all new and expanded major projects and significant facility investments, we strictly comply with local laws, regulations, and policy requirements during the planning and project approval stages by mandating comprehensive and scientific biodiversity baseline surveys and impact assessments. We focus on analyzing the potential impacts of the project during its construction and operational phases on the local and surrounding ecosystems, species diversity, and key habitats; scientifically identify, predict, and evaluate its possible direct, indirect, and cumulative effects; and formulate targeted protection and management measures based on these findings, striving to minimize operational disturbances to the ecosystem and achieve a harmonious coexistence between the enterprise and nature.

The Company is committed to proactively avoiding or mitigating negative impacts on biodiversity and, where necessary, formulates and implements ecological restoration plans to ensure that project development and ecological protection advance in coordination, thereby fulfilling our responsibility to protect the natural environment. As of the end of the reporting period, the Company's assessments confirmed that its production and operational sites and their surrounding areas are not located within key ecological function zones, ecological conservation redlines (legally designated no-development zones), nature reserves or sensitive and fragile ecological environments.

Inclusive and Win-Win: Building a Harmonious Ecosystem

Hoyinn deeply understands that true competitiveness stems from an ecosystem of shared prosperity with partners. In our supply chain, we systematically advance responsible sourcing based on compliance, integrity, and security, while empowering partners to grow with us through technology to build a sustainable supply chain system. Within the industry, we actively participate in exchanges and proactively develop standards, promoting industrial ecosystem collaboration with an open attitude. For our communities, we focus on rural revitalization and public welfare, giving back the fruits of our development to local areas. Hoyinn is committed to working with all parties to build a digital energy ecosystem that is both warm and resilient.

Sustainability topics covered in this chapter

Supply Chain Management

Community Engagement

Industrial Ecosystem
Collaboration

Rural Revitalization

United Nations Sustainable Development Goals (SDGs) Addressed in This Chapter



Responsible Sourcing

Supplier Compliance Management

Hoyinn has established a scientific and comprehensive supplier compliance management system, ensuring that the entire procurement process is standardized and transparent through institutional development and process optimization. The Company has formed a Procurement Decision Committee composed of senior executives, which uses a collective decision-making mechanism to review and vote on major procurement matters. The general manager of the procurement center serves as the committee's secretary, responsible for execution and supervision, creating a governance structure with clear powers and responsibilities and mutual checks and balances. In the same year, the Company revised and optimized the *Procurement Management Measures* and its supporting procedural documents in line with its business needs and compliance requirements needs, continuously improving the supply chain management system.

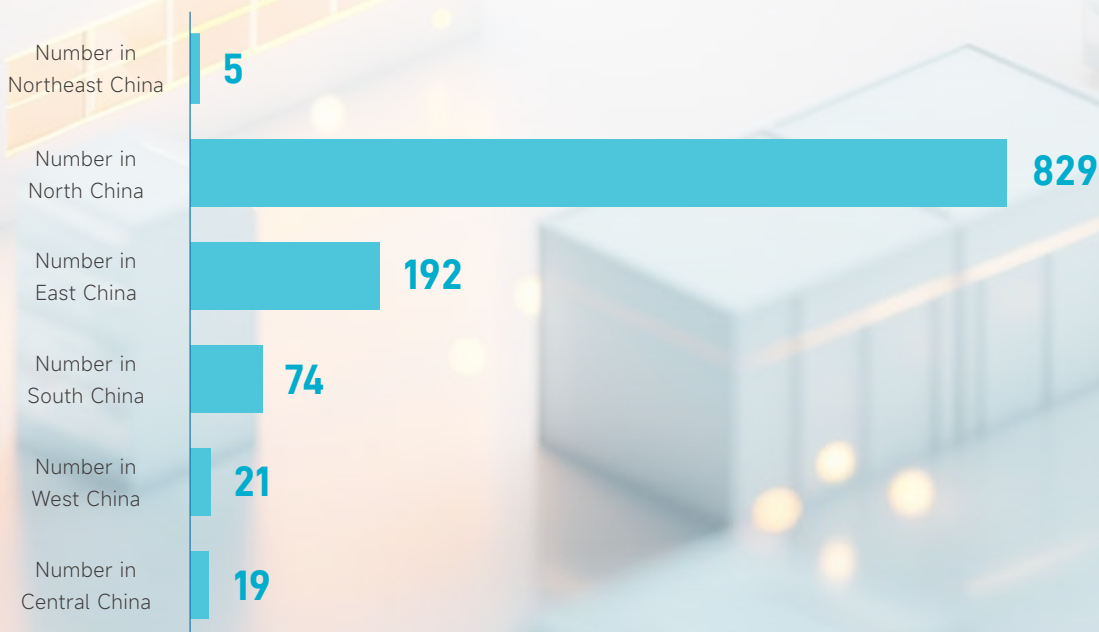
In supplier selection, the Company has built a closed-loop management mechanism from qualification review to capability assessment, comprehensively evaluating key indicators such as technical strength, quality control, and service levels. Differentiated review standards are formulated for different procurement needs, and product quality is ensured through standardized testing procedures.



Hoyinn Supplier Review Process ▲

2025

Number of Suppliers **1,140**



Building a Sustainable Supply Chain

Hoyinn is fully committed to building a sustainable supply chain by deeply integrating ESG factors into the entire supplier management process, covering selection, cooperation, and exit. The Company has established a full lifecycle ESG assessment system to work with partners toward the mutual success of economic and social development.

Supplier Admission and Qualification Review

- The Company requires suppliers to submit ESG reports so that it can select partners with a strategic ESG vision. In 2025, the Company collected 30 supplier ESG reports, using high standards to drive suppliers to improve their ESG management performance;
- During the qualification review stage, we conduct key checks on suppliers' major legal violations, litigation records, safety incidents, and credit-related topics from the past three years, and assess their ESG management strategy awareness and information disclosure levels;
- For suppliers in special industries, such as those dealing with hazardous chemicals, we strictly review their business licenses and discharge permits;
- For equipment suppliers, we comprehensively rate their capabilities in applying green and low-carbon technologies;
- Through on-site inspections and unannounced project site checks, we conduct a comprehensive analysis of supplier quality, contract fulfillment, on-site management, safety, and ESG performance.

In-Process Management and Evaluation

- During on-site supplier inspections and surprise checks, the Company maintains a continuous focus on quality, contract fulfillment, on-site management, safety, and ESG performance. Supplier evaluations are conducted semi-annually or annually: suppliers with a score of 60 or higher are retained on the "List of Qualified Suppliers", while those with a score below 60 are placed on the "List of Temporarily Suspended Suppliers".
- Based on negative incidents and performance evaluation results, cooperation with non-compliant suppliers is first suspended and they are given a deadline for rectification; if they fail to meet the standards after rectification, they are downgraded to temporarily suspended status. For high-performing preferred suppliers, more opportunities are provided in contract renewals and order allocation. For suppliers who contribute to the construction of the supply chain ecosystem, strategic cooperation agreements are signed to strengthen supply chain Resilience.

In-Process Management and Evaluation

- For non-compliant suppliers, cooperation is first suspended, and they are ordered to make corrections. If rectification efforts still fail to meet standards, they are downgraded to temporarily suspended status, effectively reducing corporate risk.

Hoyinn's Supplier Lifecycle ESG Evaluation Process ▲

During the reporting period, Hoyinn

- Conducted **10** On-Site Supplier Inspections
- Commissioned a Professional Third Party to Conduct **5** Surprise Supplier Inspections, Covering over **100** Product Categories
- Achieved **100**% Coverage in Assessing Supplier ESG Information Disclosure
- Completed Audits for **79** Suppliers
- **100**% of Suppliers Were Audited on Content Covering Material ESG Topics

Hoyinn integrates the green procurement philosophy throughout the entire supplier cooperation process, prioritizing high-quality partners who comply with environmental regulations and leveraging strategic cooperation and long-term agreements to achieve efficient resource allocation. On a technical level, the Company actively introduces low-carbon equipment such as indirect evaporative free cooling and cold plate liquid cooling, driving the low-carbon transformation of the supply chain through technological innovation and enhancing overall risk resilience. Through refined management of the entire process, quality, cost, and environmental benefits are organically unified, continuously strengthening the foundation of a sustainable supply chain.

Supply Chain Integrity and Compliance Management

Hoyinn adheres to the principles of integrity and compliance, signing integrity agreements with all business cooperation suppliers and achieving a 100% signing rate. In 2025, the Company continued to strengthen the compliance system management for its procurement personnel and regularly conducted self-inspections of procurement contract compliance to ensure procurement activities are standardized and transparent. Concurrently, the Company completed 8 special project audits, effectively preventing corruption risks in the supply chain and ensuring the fairness and sustainability of the cooperative ecosystem.

Supply Chain Security Management

Supply chain Resilience is a core capability for enterprises to respond to risks and ensure operational continuity. Hoyinn has innovatively incorporated resilience assessment into its new supplier admission criteria. The Company manages risks from the source through key indicators such as multi-site production capacity and production standardization.

In 2025, the Company maintained its existing organizational structure and institutional framework, adding work safety-related thresholds to its supplier management procedures. The Company has refined a closed-loop management system covering the entire lifecycle, from admission and warehousing to contract fulfillment, performance assessment, and rectification or exit. During cooperation, the Company implements a dynamic monitoring mechanism to track supplier performance in real time and has established a performance-driven tiered management system. To ensure supply chain stability, the Company has strengthened resilience from multiple dimensions, starting with fundamental aspects such as supply quality control, cost management, and admission assessments.

Furthermore, during the construction and operation phases, the Company continues to promote the localization of its supplier network, building a solid foundation for cooperation by leveraging China's mature and complete supply chain system. During the construction phase, primarily central state-owned enterprises (central SOEs), other state-owned enterprises, and leading private enterprises in the industry, whose mature project execution capabilities ensure project delivery schedules, product quality, and the implementation of post-delivery maintenance services.

Supply Chain Empowerment

Hoyinn has systematically built a multi-dimensional empowerment system for the entire supply chain lifecycle, focusing on three dimensions: financial empowerment, industrial synergy, and capacity building.

In terms of financial empowerment, the Company has integrated resources from financial institutions, research institutes, and industrial partners to create a closed loop of green empowerment encompassing "technical standards – financial tools – industrial applications".

In terms of industrial synergy, the Company actively leads the green transformation and industrial upgrading of the supply chain, deepening strategic cooperation with core suppliers. The Company practices the concept of green industrialization, significantly reducing transportation radii and enhancing supply chain Resilience and response efficiency. The local establishment of equipment assembly plants has fostered closer collaboration, effectively promoting the clustered development of the Huailai big data industry, elevating the green level of the supply chain, and simultaneously creating local employment, thereby contributing to the region's High-quality development.

In terms of capacity building, the Company provides training to suppliers during each admission and project procurement process, with a special emphasis on integrity and compliance requirements. In daily management, it ensures the stable operation of the upstream supply chain through methods such as supplier admission audits, reminders for expiring qualifications, compliance advocacy during business dealings, and supply chain risk control.

Industry Ecosystem Development

Participation in Industry Exchanges

Hoyinn actively engages in industry ecosystem development, continuously leading the advancement of the green smart computing industry through technology sharing, joint standard development, and organizational cooperation. Internally, the Company creates rigid ecological connections to link digital and energy industry companies, thereby building its core competitiveness. Externally, it establishes value-based ecological connections through its capabilities, industry, and capital circles, working with partners to unlock digital and energy potential, achieve ecosystem-wide success, and drive strategic implementation and sustained business growth.

Case Study | Hoyinn's waste heat utilization technology recognized as a "Typical Case of Green Development"

On 28 August 2025, the 2025 China Green Technology Conference for the Smart Computing Industry was held in Shanghai. Hoyinn was invited to attend and received the "Typical Case of Green Development" award for its *Application Case of Green and Energy-Saving Technology for Waste Heat Utilization*. This case is based on a liquid-cooled data center architecture with a total IT capacity of 70 MW and single-rack power exceeding 50 kW. It innovatively integrates waste heat recovery technology, achieving annual electricity savings of 1.32 million kWh and annual CO₂ emission reductions of 894 tonnes. During a roundtable discussion at the conference, Hoyinn's CTO, Zhou Tianyu, provided an in-depth analysis of solutions for green AIDC infrastructure from an industrial practice perspective, sharing innovative achievements and practical experience in large-scale green smart computing. This award is strong recognition of Hoyinn's strategic determination and innovative efforts in advancing the green transition of data centers.



Case Study | Hoyinn appears at the 2025 World Artificial Intelligence Conference (WAIC)

On 27 July 2025, the 2025 World Artificial Intelligence Conference (WAIC) was held in Shanghai. Hoyinn's CTO, Zhou Tianyu, delivered a keynote speech titled "*Empowering AI: Building a Green Computing Power Infrastructure for the AI Era*", systematically explaining the latest practices in building ultra-large-scale green smart computing clusters through computing and electricity integration and showcasing sustainable, scalable, high-efficiency, and reliable AIDC infrastructure solutions. Vice President of Finance, Wu Fenghua, engaged in an in-depth dialogue with guests from industrial capital, chip manufacturing, large language models, and robotics companies, focusing on industrial breakthroughs, industrial synergy, and sustainability to jointly explore the future path of the AI industry chain.



In 2025, the Company participated in the compilation of several industry knowledge achievements, including *Technical Standard for Cold Plate Liquid Cooling Systems in Data Centers*, *Standard for the Operation and Maintenance of Lithium-Ion Batteries in Data Centers*, *Technical and Classification Requirements for Computing Centers Oriented Towards Computing and Electricity Synergy*, and *Greenhouse Gas Product Carbon Footprint Quantification Method for Single-Rack Data Centers*. At the same time, it published the *White Paper on Low-Voltage Power Module Technology for Data Centers* with the Open Data Center Committee (ODCC), co-authored the *Analysis Report on the Competitive Landscape of Computing Power in Key Global Regions*, and participated in a technical exchange on the application of fuel cells in data centers organized by the China Academy of Information and Communications Technology (CAICT).

In addition, the Company is deeply involved in co-developing industry standards, conducting technical seminars, and fostering ecosystem collaboration. It connects with national-level think tank resources to strengthen its brand influence and expand market channels. Through multi-dimensional industry collaboration, Hoyinn continues to promote the green, high-efficiency, and sustainable development of the computing power industry.

Participation in Industry Standard Development

In 2025, Hoyinn was deeply involved in drafting multiple national standards and industry white papers, actively promoting the development of a standards system for the greening, decarbonization, and intelligentization of data centers. At the national standard level, the Company co-authored four important standards: *Technical Standard for Cold Plate Liquid Cooling Systems in Data Centers*, *Standard for the Operation and Maintenance of Lithium-Ion Batteries in Data Centers*, *Technical and Classification Requirements for Computing Centers Oriented Towards Computing and Electricity Synergy*, and *Greenhouse Gas Product Carbon Footprint Quantification Method for Single-Rack Data Centers*. These standards cover key areas such as liquid cooling technology, facility O&M, computing-power synergy, and carbon footprint accounting. Through joint standard development and technological leadership, Hoyinn continues to provide quantifiable and replicable green practice pathways for the industry, contributing to the high-quality development of computing power infrastructure.

Community Development



Empowering Rural Revitalization

Hoyinn has integrated rural revitalization into its core Social responsibility practices. Leveraging its project presence in areas like Huailai and Langfang, the Company has built a rural revitalization model based on tripartite collaboration among "government, enterprise, and community" through industrial stimulus, employment prioritization, and public welfare initiatives. This achieves a dual empowerment of corporate growth and regional prosperity, contributing Hoyinn's share to common prosperity.

Industrial Support

The Company actively responds to the call for rural revitalization by establishing direct sales cooperation with the Huailai Grape Industrial Campus. Through internal procurement and promotional activities, it helps sell local grapes and their processed products, broadening income channels for farmers. At the same time, it prioritizes the involvement of local enterprises in infrastructure construction, material supply, and O&M services. In 2025, support in the Huailai region was further intensified with systematic technical assistance and business training to promote the quality and upgrading of local enterprises, streamline upstream and downstream connections, and improve the regional supporting service system. During the reporting period, the Company achieved a 100% local procurement rate.

Employment Support

Hoyinn adheres to a local-first hiring philosophy, effectively driving local employment, attracting talent to return to their hometowns, and continuously invigorating local job stability and public welfare through a compensation system and systematic training mechanism that exceed the regional average. In 2025, the Huailai Campus provided a total of 438 jobs directly or indirectly for the local area through systematic training and assessment, prioritizing the hiring of local residents to boost community employment and income. The localization rate of the Company's own O&M employees at the Huailai entity reached 70%–80%, with an overall compensation level higher than the county and municipal averages, effectively attracting talent to return for employment. The Langfang region currently has six employees, with a local hiring rate of 67%; upon completion, the future project is expected to directly employ approximately 150 people and indirectly create about 200 jobs, continuing to energize regional employment stability and public welfare.

Supporting Public Welfare and Charity

Hoyinn integrates social responsibility into its corporate DNA. In 2025, the Company organized a total of 5 public welfare activities focusing on community care, educational aid, and green environmental protection, benefiting over 1,000 people.

Community Care

The Hoyinn Party Branch continues to conduct its "Hoyinn Heart, Assisting the Disabled" visitation and support activities. Party member representatives visited families with members living with disabilities who face financial hardship to understand their difficulties firsthand, deliver daily necessities, and convey the care of the Party organization. This initiative, guided by Party-building principles, strengthens corporate-community relations, provides tangible assistance to vulnerable groups, fosters a positive social atmosphere of supporting the differently-abled, and demonstrates the Company's compassion and sense of responsibility.

Case Study | The Hoyinn Party Branch visits and supports families with members living with disabilities

On 30 August 2025, the Party Branch of Huailai Hoyinn Data Technology Co., Ltd., in collaboration with the Donghuayuan Town Party Committee, organized the "Hoyinn Heart, Assisting the Disabled" visitation and support activity. This initiative covered 32 impoverished families with differently-abled members across 13 administrative villages in Donghuayuan Town.

On the day of the event, leaders from the Hoyinn Party Branch and the Donghuayuan Town Party Committee led teams of Party member representatives on door-to-door visits. At each household, the members engaged in face-to-face conversations with the differently-abled individuals and their families, listening to their life difficulties and practical needs, encouraging them to maintain a positive outlook, and delivering daily necessities such as rice, flour, and cooking oil. The activity not only provided tangible material assistance to those in need but also conveyed the warmth and care of the Party organization.

This support activity achieved significant results. Targeted assistance was provided to 32 impoverished families with differently-abled members, effectively alleviating their basic living needs. The initiative received positive feedback from the local government and community. Through this event, the cohesion of the Hoyinn Party Branch and the exemplary role of its Party members were further strengthened. It also reinforced the Company's social image as a "caring and responsible" enterprise, strengthened ties with the local community, and set a vivid example of leveraging Party building to guide public welfare and support rural revitalization.

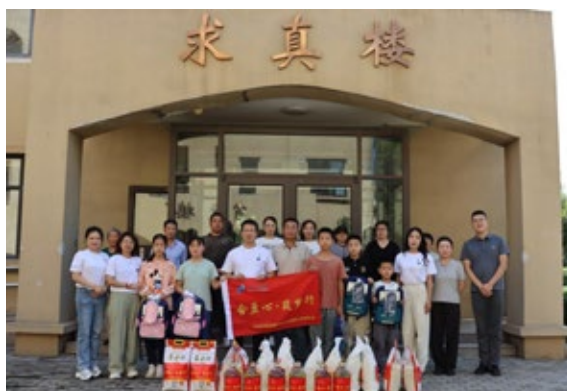


Educational Aid

The Company implements the "Hoyinn Heart, Building Dreams" charitable student aid program, which combines discussions and exchanges with material donations to help students from low-income families improve their learning and living conditions. Concurrently, it donates sports equipment, school supplies, and books to rural schools to meet their practical teaching needs. Furthermore, the Company hosts youth study tours to broaden students' horizons, support educational development, and convey the belief that knowledge can change one's destiny.

Case Study | Hoyinn Heart, Building Dreams—Hoyinn Party Branch assists students in need

On 30 August 2025, the Party Branch of Huailai Hoyinn Data Technology Co., Ltd. held the "Hoyinn Heart, Building Dreams" student aid event in the conference room of Dongzhuangzi Central School. Lyu Zhiyong, Deputy Secretary of the Party Branch, led a delegation of Party members in a discussion with school officials and six student beneficiaries from low-income families. Drawing from his own life experiences, Mr. Lyu used simple words to encourage the children to study diligently and aspire to succeed, helping them understand that reading can change their destiny and knowledge can illuminate their lives. The Party member representatives gained an in-depth understanding of each student's academic and living situation and distributed financial aid and living supplies. The event, with a total investment of RMB 2,400, provided targeted assistance to six students in need, effectively improving their learning and living conditions. The school and parents highly commended Hoyinn's charitable efforts. This activity not only enhanced the Party Branch's cohesion but also fully demonstrated the Company's philosophy of "serving and giving back to society," fostering a positive atmosphere of caring for and supporting education.



Case Study | "Walking together with love, shining a path of charity"—The 2025 Hoyinn charity bazaar

In November 2025, Hoyinn held a two-day "Walking together with love, shining a path of charity" public welfare bazaar. Nearly 200 idle items were successfully sold at the event. In accordance with the rules, the The company, in accordance with the rules, provides 30% of the total proceeds from the total sales (RMB 3,730) as a public welfare fund. Together with the income from the "Love Purchase" program, it is specifically used to purchase sports equipment and other teaching materials for schools. The executive team was deeply involved throughout the event, and employees actively participated, allowing idle items to convey love through transactions and converge into a warm force supporting education.



Environmental Public Welfare

Hoyinn has established "Hoyinn Public Welfare Day," organizing a series of annual activities centered on a green and low-carbon theme. These include charity tree planting, where employees adopt saplings and commit to their full-cycle care; charity sales of idle items, with proceeds channeled into a public welfare fund; and used book donations to promote resource recycling. Through these diverse activities, the Company advocates for low-carbon concepts and promotes the deep-rooted adoption of a green culture among employees and in the community.



Hoyinn Public Welfare Day ▲

Practicing Inclusive Science and Technology Education

Under the guidance of the local government, Hoyinn opens its on-site data center facilities to the public and young people, conducting systematic science education on digital technology. The base organically integrates education on the "East Data, West Computing" national strategy and artificial intelligence development policies into its study tour courses and interactive experiences. This allows the public to gain a deeper understanding of the nation's digital economy direction while experiencing computing power infrastructure and intelligent applications up close. By building standardized study tour scenarios, developing distinctive course systems, and providing regular public welfare study tour services, the base continuously enhances digital literacy and promotes educational equity, deeply embedding the concept of inclusive sharing into the Company's ESG development foundation.

Opening a Study Tour Base

The Hoyinn Big Data Study and Practice Base is located in the starting area of the Zhangjiakou data center cluster, covering an area of 1,000 mu (approximately 66.7 hectares).. Focusing on study tours, it deeply integrates General Secretary Xi Jinping's important remarks on the digital economy, constructing a "Party Flag Red + Data Blue" dual-color educational matrix. This allows young people to feel the pulse of Digital China and make a youthful pledge to "build the foundation for Digital China and advance toward a nation strong in computing power." Relying on its main 1,198-square-meter study hall, the base has created a "1+N" study tour scenario, enabling people from all walks of life and youth groups to deeply understand the entire operational process of a data center. As of the end of the reporting period, 47 original reports and promotional articles about the study tour base have been widely covered by authoritative media such as official local media accounts including Zhangjiakou Release, Huailai Release, and Cultural Tourism Zhangjiakou. The base has provided a replicable and scalable "Huailai model" for cultivating the digital literacy of youth in the Beijing-Tianjin-Hebei region and across the country, writing a new chapter of social responsibility in the digital era through the dimensions of science popularization and educational equity.



Government Departments Visit The Study Tour Base ▲

Deepening Science Popularization for Public Benefit

Since beginning operations in September 2025, the base has received a total of 78 study tour groups and 2,400 visitors, and has signed long-term cooperation agreements with six study tour agencies in Beijing. Its services not only cover the Beijing-Tianjin-Hebei region but have also attracted 170 teachers and students from the "Tech Tour for a Stronger Nation" youth science and technology exchange camp from Urumqi, Xinjiang. This initiative extends the educational benefits of national computing power infrastructure to border regions and establishes Hoyinn as an important window for showcasing the region's digital economy achievements.

Case Study | The "Tech Tour for a Stronger Nation" youth science and technology exchange camp from Urumqi, Xinjiang, visits Huailai for a study tour

On 3 December 2025, 170 teachers and students from the "Tech Tour for a Stronger Nation" youth science and technology exchange camp in Urumqi, Xinjiang, traveled over 3,000 kilometers to the Hoyinn Big Data Study and Practice Base for a special study tour. In the "Generation-Grid-Load-Storage" integrated demonstration hall, the children from the border region witnessed for the first time how green computing can coexist with nature. In the emergency command center (ECC) operations hall, they felt the grand pulse of the "East Data, West Computing" national strategy through the flowing light and shadow of data streams. This technological journey across mountains and rivers extended the educational benefits of national computing power infrastructure to a border region, giving its youth a window to see Digital China. It built a public welfare bridge for the joint development of digital literacy between the east and west, igniting the dreams of these young people to serve the nation through science and technology.



Youth from Urumqi, Xinjiang tech camp on a study tour in Huailai ▲

Case Study | Shacheng Middle School study tour—Rooted in local science education

On 3 November 2025, teachers and students from Shacheng Middle School visited the Hoyinn Big Data Study and Practice Base. Through an immersive curriculum, they gained a close-up understanding of the entire data center process, from green electricity supply to intelligent operation and maintenance. For these students from a county-level middle school, the visit provided an opportunity to step inside national-level computing power infrastructure and experience firsthand how data technology is changing lives through hands-on projects. The base, rooted in Huailai and serving the local community, transforms cutting-edge digital technology into a vivid popular science classroom. It allows local youth to engage with a national strategic industry right at their doorstep, contributing to rural revitalization through educational equity and inspiring in them a sense of purpose in science and technology.



Shacheng Middle School Students On A Study Tour ▲



People-Oriented: Advancing Together with Our Employees

Hoyinn adheres to a "people-oriented" philosophy for employee development, viewing its employees as an important foundation for the Company's long-term steady growth. The Company strictly complies with the laws and regulations of the country and its operating locations concerning labor, compensation and benefits, and occupational health and safety. It continuously enhances its mechanisms for Employee Rights Protection, compensation and performance, talent development, employee communication, and safety management, and is committed to creating an equal, inclusive, safe, healthy, and sustainable work environment for its employees.

Sustainability topics covered in this chapter

Employee Rights Protection

Employee Training and Development

Occupational Health and Safety

Employee Benefits and Care

United Nations Sustainable Development Goals (SDGs) Addressed in This Chapter



Employee Rights Protection



Compliant Employment

The Company strictly complies with laws and regulations such as the *Labor Law of the People's Republic of China*, the *Labor Contract Law of the People's Republic of China*, the *Social Insurance Law of the People's Republic of China*, the *Law of the People's Republic of China on the Protection of Minors*, and the *Law of the People's Republic of China on the Protection of Women's Rights and Interests*, while continuously standardizing its recruitment, onboarding, labor contract management, and employee management processes to protect the legitimate rights and interests of its employees. The Company adheres to legal and compliant employment practices, implementing identity verification, age verification, and qualification reviews during recruitment and onboarding to prevent employment risks such as child labor and forced labor.

During the recruitment process, the Company reviews candidates' identity information and qualifications through resume screening, preliminary interview checks, and ID verification upon onboarding to ensure employees meet the legal employment age and job requirements. For recruitment channels, the Company prioritizes large recruitment platforms and standardized recruitment partners to enhance the compliance and reliability of job postings, candidate screening, and hiring processes. The Company also recruits interns as needed for business purposes, strictly verifying their age and identity information during the hiring process to ensure compliance with relevant laws, regulations, and the Company's employment requirements.

During the reporting period, Hoyinn

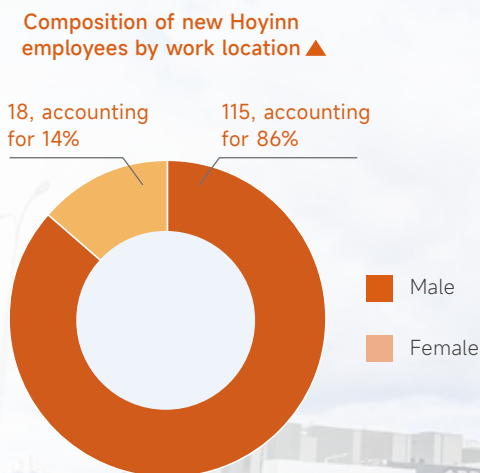
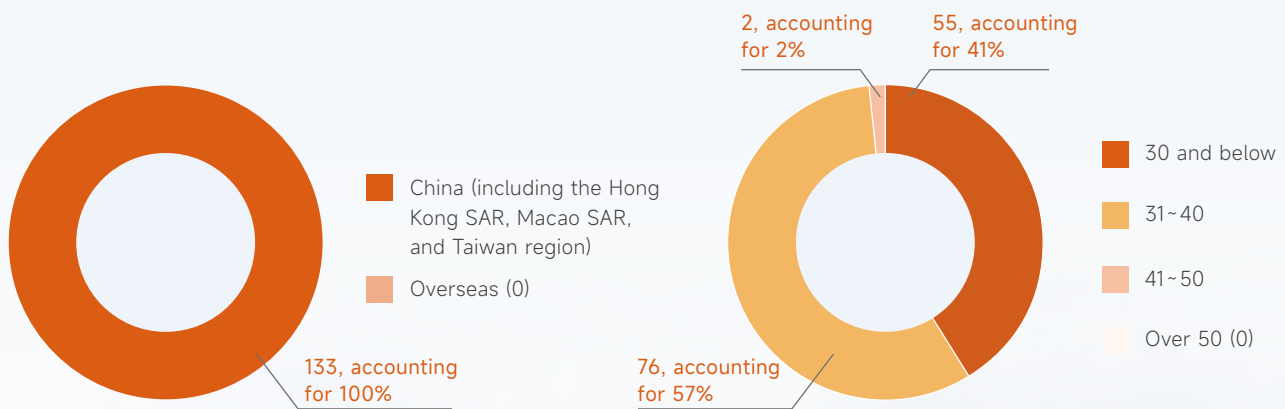
- Achieved a **100%** Employee Labor Contract Signing Rate
- Achieved **100%** Social Insurance Coverage for All Employees
- Reported **No** Major Labor Disputes | Reported **No** Incidents of Child Labor or Forced Labor

Equal Employment and Diversity and Inclusion

Hoyinn adheres to fair, just, and open recruitment principles, promoting an environment of equal employment, diversity, and inclusion. In its recruitment and employee management processes, the Company does not impose unreasonable restrictions based on an employee's or candidate's age, gender, or other factors. It opposes all forms of discrimination and ensures that employees from different backgrounds have equal opportunities for employment, development, and promotion.

During the reporting period, Hoyinn

• Hired **133** New Employees

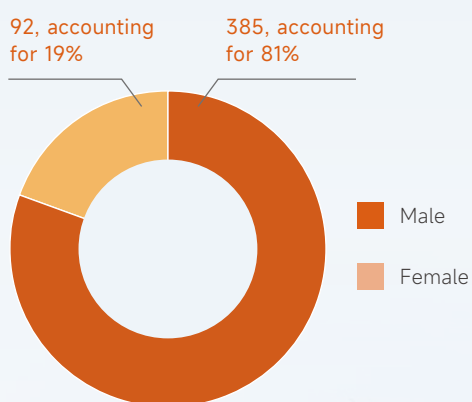


Composition of new Hoyinn employees by gender ▲

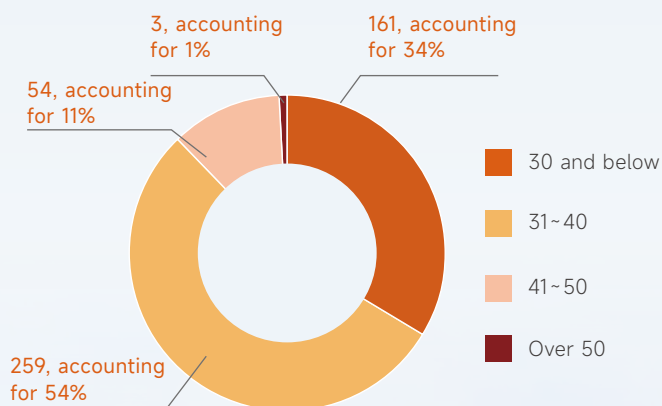
The Company upholds the principle of equal employment, ensuring employees of different genders have equal development opportunities in recruitment, promotion, training, and compensation management. During recruitment, the Company posts job information on multiple channels and recruitment websites to increase position transparency and candidate reach. The Company has established strict anti-discrimination clauses. In the interview stage, the human resources department and business reviewers jointly conduct a comprehensive evaluation, with an HRBP present throughout the process to ensure fairness, impartiality, and transparency and to prevent discrimination risks. The Company adheres to the principle of equal opportunity in employee management. Employee management policies are reviewed by the legal, risk control, and compliance departments. Key processes such as performance assessments, awards, and promotions have clear standards and decision-making mechanisms to guarantee fair development opportunities for employees of different genders, ages, positions, and backgrounds. The Company maintains an email address for employee complaints, providing a channel for employees to protect their rights and interests.

As of the End of the Reporting Period, Hoyinn

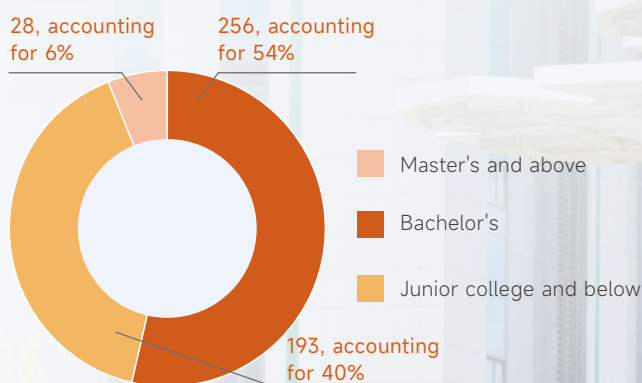
• Had a Total of **477** Employees



Composition of Hoyinn employees by gender ▲



Composition of Hoyinn employees by age ▲



Composition of Hoyinn employees by educational background ▲

Democratic Management and Employee Communication

Hoyinn values employee communication and democratic management, continuously improving its multi-level, multi-channel employee communication mechanisms to listen to employee feedback, respond to their concerns, and foster an equal, open, and transparent communication atmosphere. The Company has established employee communication channels consisting of team leaders, HRBPs, and a dedicated HR compliance mailbox. Employees can provide work suggestions, personal requests, and other feedback through their direct team leaders, human resources business partners, or the public email address. Through these channels, the Company promptly understands employee needs and facilitates the communication, follow-up, and resolution of related topics.

For employee grievances, the Company provides appeal channels including team leaders, HRBPs, and the public HR audit email address. It also conducts targeted employee satisfaction surveys to ensure that grievances are handled promptly and fairly. The Company continuously optimizes communication processes between supervisors and subordinates, promoting an equal and open communication environment to enhance employees' sense of trust and belonging.

During the reporting period, Hoyinn

- Achieved an Employee Satisfaction Survey Score of **98.5**

Employee Compensation and Benefits

Compensation Management System

Hoyinn fully respects the individual value of its employees and promotes the alignment of employee value with corporate development by establishing a diversified compensation structure and a performance management mechanism. The Company uses a composite compensation model consisting of base salary, performance pay, and bonuses. Through a platform-based, fair, and just performance evaluation process, it determines employee contributions and ensures that employees share in the Company's development achievements.

The Company has established a comprehensive compensation and performance assessment mechanism covering all employees, conducting semi-annual employee performance evaluations that follow a closed-loop management process of goal setting, review and adjustment, and result confirmation. To ensure the fairness and impartiality of the assessment process, the Company has a performance appeal procedure and requires department heads to conduct one-on-one discussions with each employee regarding their assessment results, fully respecting reasonable employee feedback. The Company ensures pay equity through a job grade system that matches employee grades with corresponding salary ranges, enhancing the transparency and consistency of compensation management.

During the reporting period, the Company conducted a company-wide talent review to systematically assess the current capabilities, development potential, and person-job fit of all employees, unify talent evaluation standards, and accurately identify high-potential talent and successors for key positions. This initiative strengthens the Company's human capital management foundation, helps optimize internal human resource allocation, fills talent gaps for business development, and improves the talent pipeline and succession management mechanisms; at the same time, it supports employees by clarifying their career growth paths, promotes the establishment of a fair and transparent talent development environment, continuously strengthens organizational capabilities, and provides a sustainable talent guarantee for the steady advancement of the Company's strategy.



Employee Care and Benefits

Hoyinn is committed to sharing its development achievements with employees. In addition to statutory benefits such as social insurance and a housing provident fund, the Company provides a diverse range of employee care benefits to every employee based on its internal culture and their needs, aiming to build a harmonious, welcoming, and cohesive team of talent.

The Company has built a comprehensive benefits system for its employees, offering protective benefits such as annual health check-ups, wedding and childbirth gifts, supplementary medical insurance, exclusive benefits for female employees, and birthday benefits. In 2025, the Company upgraded and added supplementary medical coverage, continuously strengthening its support for employee health. The Company also pays close attention to the practical needs of its employees, providing care and support to them and their families through initiatives such as holiday gifts, get-well hospital visits, and bereavement support.

The Company enriches the after-work cultural lives of its employees by regularly organizing a variety of cultural and sports activities, such as sports meets, holiday point redemptions, cross-departmental team-building events, afternoon teas, choir competitions, and an English corner, to create a harmonious workplace atmosphere.

Case Study | "Vibrant Blooms, Joyful Yoga Sunshine" Women's Day Themed Event

On 7 March 2025, Hoyinn held the "Vibrant Blooms, Joyful Yoga Sunshine" Women's Day Themed Event, offering care programs for female employees such as a yoga experience and traditional health pulse readings. By combining physical relaxation with health consultations, the event helped female employees relieve work-related stress, raise their health awareness, and further enhance their sense of belonging and team cohesion.



The Women's Day Event ▲

Case Study | "Cloud Sail · Expanding Horizons" English proficiency event

In 2025, focusing on enhancing organizational effectiveness and building its talent pipeline, Hoyinn launched the innovative "Cloud Sail · Expanding Horizons" English cultural event. The event, centered on the theme of "Breaking Barriers, Empowering through Practice," was rolled out in weekly, monthly, and quarterly phases. It involved building a professional English vocabulary database covering all business scenarios and integrating the Company's core values—Customer-Centric, Tenacity and Accountability, Results Driven, Sustainable Innovation, and Inclusive and Win-Win—into the terminology system. Through various competition formats like vocabulary speed drills, situational dialogues, and themed speeches, a regular learning mechanism of "learning through competition and applying what is learned" was established.

During their preparation and presentations, representatives from each group vividly recreated real work scenarios from different positions, which not only deepened all employees' understanding of the Company's overall business but also promoted inter-departmental information sharing, understanding, and inclusion. Using the cultural vocabulary as a common thread, employees gained a deeper appreciation for Hoyinn's corporate culture through repeated practice, internalizing value concepts from slogans into daily expression. Furthermore, the practical English drills enabled employees to be more precise and confident in their business communications, transforming English from a subject of rote memorization into an effective tool for serving the business and broadening horizons. At the same time, the language training also deepened employees' alignment with the Company's strategic direction.



The "Cloud Sail · Expanding Horizons" English Proficiency Event ▲

Hoyinn actively organizes a variety of employee activities to enrich their cultural lives, promote cross-departmental communication, and enhance team cohesion and organizational identity. The Company holds a series of events centered on themes such as teamwork, cultural development, healthy living, and language proficiency enhancement to foster a positive, open, and vibrant work atmosphere.

Case Study | "Setting Sail, Building Momentum" cross-departmental team-building event

In 2025, The Company organized a cross-departmental team-building event themed "Setting Sail, Building Momentum" to promote communication and collaboration among employees from different departments and enhance team cohesion. The Company also held multiple outdoor team-building and team development activities, improving employees' communication and collaboration skills and their sense of belonging through collective cooperation and team challenges.



The "Setting Sail, Building Momentum" Cross-Departmental Team-Building Event ▲

Case Study | Hoyinn employee sports day

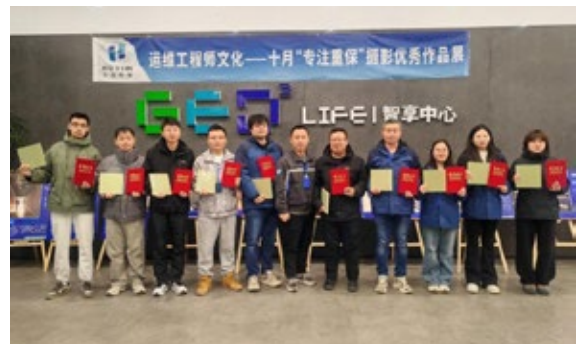
In 2025, The Company organized an employee sports day, encouraging active participation in physical exercise and enhancing team vitality and health awareness through various events such as running, tug-of-war, and long jump.



The Hoyinn Employee Sports Day ▲

Case Study | Hoyinn engineer culture event

In 2025, The Company organized a workshop for over 20 core O&M personnel to co-create an engineer culture. The workshop involved in-depth discussions on the value of O&M positions, professional spirit, service awareness, and team synergy, culminating in the creation of the *Hoyinn Changwei Engineer Culture Handbook*. Subsequently, The Company promoted this culture from consensus to daily practice through center-level and department-level dissemination, displaying it on walls, and holding monthly culture-themed activities. This initiative aims to forge a unified value identity and code of conduct for the O&M team.



The Hoyinn O&M Engineer Culture Event ▲

Employee Training and Development

Training System Development

Hoyinn has always considered its employees to be the most valuable asset of the enterprise. To achieve sustainable development for both the enterprise and its employees, the Company continuously enhances its scientific, systematic, and flexible employee training system. It invests resources in innovating training mechanisms, building a roster of trainers, offering flexible training formats, and providing customized training programs to support employee skill enhancement and help them realize their personal value.

The Company has established a dynamic research mechanism, using regular questionnaires to collect employee learning needs and achieve a precise match where general courses are open to all and professional courses are delivered to targeted groups. The Company implements a trainer model combining "internal trainers + external experts", with technical experts from various business centers serving as internal trainers, supplemented by resources from external professional institutions to ensure course content is both cutting-edge and practical. By integrating an online learning platform with offline training, the Company provides employees with rich and flexible learning resources. The online platform offers both mandatory and elective courses covering general skills and professional fields, while offline training provides customized course support based on the needs of employees at different departments and levels.

 SUPERNOVA Program	Incubator for Foundational Talent Campus recruits and O&M "Novices" Customized training + work practice	This program aims to incubate foundational talent. It provides customized training for new employees to help them quickly build a solid professional foundation, ensuring a continuous supply of new talent for O&M operations.
 724 Growth Training Camp	Enhancer of Professional Skills Second-Line Professional Engineers Theoretical training + practice	This program aims to cultivate enhancers of professional skills. It primarily targets professional engineers in O&M roles, helping them build a solid professional foundation through a combination of theoretical training and practical guidance.
 JUNIOR EAGLE Program	Exemplar of Efficient Execution Basic team leaders and core business personnel 1-year training + 3-month rotation practice	This program aims to shape exemplars of high-efficiency execution. It strengthens the professional capabilities of basic team management and core business personnel through a combination of training and rotational practice.

JUNIOR
EAGLE
Program

**Leader of Organizational
Effectiveness Enhancement**

Middle managers and
business unit or functional
managers

1-year training + 2 types of
action learning

This program focuses on cultivating leaders who can enhance organizational effectiveness. It targets mid-level managers and employees in business or functional management roles, further improving their management efficacy through training and specific action learning.

HEROIC
EAGLE
Program

**Navigator of Strategic
Advancement**

Executives + high-potential
middle managers

Training + business
innovation + business
breakthrough

This program aims to cultivate navigators who can drive strategy. It targets senior executives and high-potential mid-level management, helping them develop strategic thinking and leadership capabilities through training, business innovation, and tackling key business challenges.

Hoyinn Talent Development Plan ▲

In 2025, the Company continued to upgrade its internal trainer management mechanism. The *Internal Trainer Management Measures 2.0* increased remuneration for internal trainers and added new trainer levels, further incentivizing internal professional talent to participate in course development and knowledge sharing. This promotes the accumulation of internal knowledge and the sharing of organizational experience. Focusing on building O&M business capabilities, the Company conducted specialized training on power supply and distribution systems, refrigeration and air-conditioning systems, monitoring and intelligent control systems, O&M management systems, and safety management.

During the reporting period, Hoyinn

- Total Employee Training Hours:

13,239

Training Course	Key Content	Number of Participants	Training Duration (Hours)
New Employee Onboarding Training	Customized Training for Fresh Graduates and New Operation Personnel	532	1,064
724 Growth Training Camp	Theoretical Training and Practical Guidance for Professional Engineers in the Operation and Maintenance Position	270	540
JUNIOR EAGLE Program	Team Management and Project Management	120	1,440
Power Supply and Distribution System Training	Core Power Supply Systems Such as Medium and Low-Voltage Power Distribution, UPS, Diesel Generators, and Batteries	7,807	3,903
Refrigeration and Air Conditioning System Training	Data Center Environmental Support Systems Such as Air Conditioning Systems, Water Systems, Refrigeration Principles, and Liquid Cooling Technology	5,118	2,559
Monitoring and Intelligentization System Training	Intelligent Management Tools Such as DCIM Systems, Monitoring Systems, Security Systems, and BA Systems	2,687	1,343
O&M Management and System Training	Content Including O&M Processes, Operating Procedures, Safety Management, Emergency Response, and Compliance Requirements	740	370
Safety Management Training	Compliance Topics Such as Fire Safety, Work Safety, Emergency Procedures, and Confined Space Operations	4,041	2,020
...	...	...	...

Key Talent Development

Talent Development Concept

Hoyinn adheres to its "Four Dos and Four Haves" talent development concept (see below), using "Do as Received, Do as Promised, Do as Thought, and Do as Known" as its employee code of conduct. The Company implements its principles on managerial culture, performance, talent, and organization, and requires its talent to "have self-motivation, time awareness, learning capability, and empathy" continuously enhancing employees' professional qualities and the organization's competitiveness.

Hoyinn Talent
Development
Concept

“

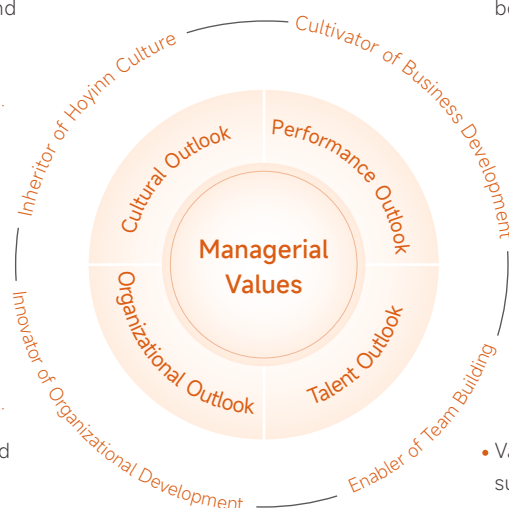
"Do as Received", "Do as Promised", "Do as Thought", "Do as Known", "Have Self-motivation", "Have Time Conscious", "Have Learning Capability", and "Have Empathy".

”

Managerial Value System

- Firmly believe culture is ever-renewing and adhere to cultural codes of conduct
- Integrate culture into management, embed it in organizational systems and processes, and win people's hearts

- Willing to be a "friend of time" and to do "hard but right things"
- Embrace challenges and always pursue better, higher goals



- Stay true to the original aspiration and pursue dynamic alignment between organization and business
- Not afraid of change; keep making processes smoother and more efficient through review and innovation

- Value individual success, but pursue team success even more
- Willing to be a stepping stone—to give, move forward together, and keep developing and enabling others

Key Talent Review

The Company is committed to the mutual growth of the enterprise and its employees. It has established a dual-track career development system combining "management + specialization" paths, providing employees with diverse career options. Based on its business characteristics, the Company has set up professional tracks such as technical, functional, and marketing, which, together with the management track, form a complete job grade system. Each year, it conducts fair, just, and open talent reviews, ensuring the fairness and scientific rigor of talent selection through promotion mechanisms like competitive appointments, nominations, and comprehensive assessments.

In 2025, the Company completed a company-wide talent review focused on building its talent pipeline, laying the foundation for key position succession, talent development, and organizational capability enhancement. During the reporting period, the Company organized one "Cornerstone Program," two job and grade confirmation exercises, and one internal competitive appointment process. This resulted in the promotion of over 10 individuals to management positions, the professional advancement of more than 30 employees, and the position and grade confirmation for over 50 frontline staff.



Key Talent Development

The Company established the *Management Measures for Internal Competitive Appointments in the Operations and Maintenance Center* to further standardize internal talent mobility and development channels, prioritizing internal development and appointments to meet organizational needs.

Case Study | Hoyinn's M-Ops Leap Program for newly promoted managers

In 2025, the Company launched the "M-Ops Leap Program" for newly promoted managers in the operations and maintenance center to help them better transition into their new roles and adapt to management responsibilities. The program consisted of 8 training sessions, with 96 total participants and a cumulative 96 class hours, covering topics such as management cognition, team collaboration, problem analysis, and management capability enhancement.



Training session for the "M-Ops Leap Program" ▲

Case Study | Hoyinn's joint school-enterprise talent development

In December 2025, the Company partnered with Huailai Cloud Smart Computing and Huailai Technician School to launch a joint talent development program, providing professional training for 37 students. The Company dispatched professional experts to deliver theoretical lectures and organized on-site visits to its data centers. This helped students understand data center operations and maintenance scenarios, expanded recruitment channels for frontline personnel, and promoted the integration of industry and education as well as local talent development.



Students from Huailai Technician School visiting the Hoyinn campus ▲

Case Study | Supporting Employee Professional Certification

To standardize the management of employee certifications and support their professional development, the Company formulated the *Management Measures for Employee Certification*. It also contacted multiple training institutions to facilitate convenient, local certification for the operations and maintenance team, providing employees with more options while meeting business requirements for certified personnel. In 2025, the Company reimbursed 57 employees for certification expenses.



Hoyinn's O&M team at a certification defense ▲

Occupational Health and Safety

Occupational Health and Safety Management System

Hoyinn has always prioritized the health and safety of its employees. By building a comprehensive, multi-layered safety management system, it ensures that safety risks are controllable across engineering construction, data center operations, office premises, and related work processes.

The Company has established a comprehensive work safety management system, reinforcing its safety defenses through clear organizational structures, assigned responsibilities, and target-based management. The Company established a Work Safety Committee as the highest coordinating body for safety management, responsible for overseeing all related work. Chaired by the CEO, the Work Safety Committee holds quarterly meetings where relevant departments report on and review key work, identify existing risks and hazards, clarify rectification requirements, and plan for the next phase, thereby unifying safety standards and reinforcing departmental accountability.

The Company continuously promotes the implementation of safety responsibilities. It assigns dedicated project managers and safety officers to construction projects, operations and maintenance projects, office spaces, and property management, creating a dual-control model of project manager oversight and on-site safety officer supervision to ensure accountability at all levels. Adhering to goal-oriented management, the Company consistently advances the prevention and control of major safety risks. It conducts safety inspections, hazard investigations, fire drills, and work safety training focused on key areas such as personnel, equipment, fire, and environmental safety to enhance employees' safety awareness and risk identification capabilities.

In 2025, the Company released the *Workplace Safety and Office Environment Management Measures V1.0* to further standardize workplace safety, the office environment, and daily administrative security. The Company continues to conduct safety inspections, fire drills, and work safety training. New employee training includes content on work safety to help them master basic safety knowledge and emergency response requirements. For contractors, the Company requires them to organize their own safety training and to cooperate with the Company's safety management requirements in their work.

Work Safety and Risk Control

Hoyinn has established a safety risk prevention and control system covering risk identification, hazard investigation, process supervision, and closed-loop rectification for key scenarios such as stable data center operation, equipment and facility maintenance, and on-site supply chain management. This system continuously enhances the standardization and effectiveness of safety management. The Company promotes standardized safety management, requiring strict adherence to environment, health, and safety (EHS) management systems in all scenarios, including construction, operations, and office work. Through inspections by dedicated safety personnel, hazard recording, rectification notices, process tracking, and follow-up verification, the Company implements closed-loop management of identified safety hazards, ensuring that potential risks are promptly identified and effectively addressed.

In terms of data center operational assurance, the Company conducts operations management centered on client SLAs and KPIs, strengthening process control in key areas such as incident, change, and maintenance management. In 2025, the Company's management practices met client SLA requirements, and its full-year client KPI assessment score remained above 90, earning a Grade A rating, which ensured the continuity and stability of its data center services.

For equipment maintenance management, the Company has established a closed-loop mechanism of "plan-execute-review-inspect-optimize" and adopts a combined maintenance strategy of preventive maintenance, predictive maintenance, and special inspections. The Company develops maintenance plans based on the equipment lifecycle and proactively identifies operational hazards through methods like sensor monitoring, trend analysis, and key risk assessments to ensure the stable operation of its infrastructure. Concurrently, the Company strengthens maintenance quality supervision through on-site verification by assistant engineers, secondary reviews by professional engineers, spot checks by deputy O&M managers, and unannounced inspections by independent teams, ensuring that identified topics are promptly rectified and closed out.

In supply chain safety management, the Company extends its work safety requirements to the supplier management process. It continuously conducts on-site supplier assessments and unannounced inspections, focusing on supplier product quality, project fulfillment, on-site management, work safety standards, and overall ESG performance.

2025

Number of Work-Related Employee Fatalities

0

Number of Work-Related Fatal Incidents

0

Number of Employee Work-Related Injuries

5⁹

Number of Safety and Emergency Drills

10

Employee Participations in Safety Training

677

Employee Safety Training Coverage Rate

100%

⁹The above-mentioned work-related injuries of the employees were all caused by accidents during commuting or other non-production factors, and had nothing to do with the production operation environment or work safety. In 2025, Hoyinn recorded zero safety accidents.



Occupational Health Protection

Hoyinn focuses on the physical health and workplace safety of its employees, continuously providing health protection and humanistic support through employee physical examinations, supplementary medical care, health and wellness initiatives, office environment management, and routine care.

In 2025, the Company introduced new supplementary medical coverage and continued to offer health benefits such as annual physical examinations, further enhancing the employee health protection system. The Company pays special attention to the health of its female employees, organizing wellness activities like yoga and traditional Chinese pulse diagnosis to help them improve their health awareness. Regarding the workplace environment, the Company issued the "Workplace Safety and Office Environment Management Measures V1.0" to continuously standardize office environment and workplace safety management, providing employees with a safe, clean, and orderly work setting. Through safety inspections, office environment management, and emergency training, the Company consistently improves the working environment to ensure employee Occupational Health and Safety. During the reporting period, no employees were diagnosed with occupational diseases.

Safety Training and Emergency Drills

Hoyinn continuously improves its safety training and emergency drill mechanisms. It regularly conducts training and drills focused on key areas such as fire safety, work safety, emergency rescue, extreme weather response, and data center infrastructure operations to enhance employees' safety awareness and emergency response capabilities. During the reporting period, the Company conducted a themed training on "Universal Fire Safety, Life First—Safe Use of Fire and Electricity," an emergency rescue training on "Guarding Life, Rescue is at Hand," and the "Everyone Talks Safety, Everyone Can Respond to Emergencies" Beijing fire drill, helping employees master knowledge of fire safety, the safe use of fire and electricity, and basic emergency rescue skills.

For data center emergency management, the Company has established an emergency plan system covering scenarios such as electrical systems, HVAC, extra-low voltage systems, fire protection, and public safety, and has formulated an annual drill plan. To address special risks like extreme weather, the Company has created an extreme weather emergency plan and a risk management ledger. It conducts routine risk assessments and activates a critical support mechanism in extreme situations, arranging for key personnel to be on duty to ensure the safe and stable operation of its data centers.

During the reporting period, Hoyinn

- Conducted **10** Safety Drills
- **4,718** Employee Participations in Safety Management Training.
- Totaling over **2,000** Hours
- with **100**% Employee Coverage



Continuous Evolution: Driving Customer Value

Supported by technological innovation, guided by customer value, and with safety and compliance as its baseline, Hoyinn comprehensively refines its customer service system. The Company solidifies its business operations foundation by leveraging highly resilient and reliable system O&M capabilities, continuously iterating its technical service capabilities, and enhancing its data security and operational assurance mechanisms. Through standardized service processes, efficient request responses, and full-cycle closed-loop management, Hoyinn constantly improves the professionalism and stability of its services to provide customers with secure, reliable, and high-quality integrated computing power service assurance.

Sustainability topics covered in this chapter

Innovation-Driven
Product Quality and Safety
Customer Rights Protection
Information Security and Privacy Protection

United Nations Sustainable Development Goals (SDGs) Addressed in This Chapter



Continuous Technological Innovation

Hoyinn places great importance on technological innovation as a core driver. It continuously improves its innovation team building and R&D management mechanisms, supported by a professional technical team and guaranteed by standardized management systems, to steadily advance various technology R&D and innovation initiatives.

Innovation Team Management

As the core department for the Company's R&D and innovation, the Technology Center includes a Planning Department and a Design Department. While undertaking its primary responsibility for infrastructure planning and design, it also actively promotes technological innovation.

The Company has built a mature and comprehensive talent development mechanism with clear, standardized training objectives, methods, and core content. It employs a model that combines attracting top external talent with cultivating internal core teams to establish a multi-level, multi-channel technical talent development system. At the same time, the Company regularly organizes teams for external academic and technical exchanges and sends outstanding technical employees to participate in industry technical seminars, professional forums, and other events. These efforts continuously broaden the team's technical horizons, strengthen innovative thinking, and comprehensively enhance the technical team's overall R&D capabilities and forward-looking industry judgment.

During the reporting period, Hoyinn

• **328** R&D and Technical Personnel,
Accounting For **68.76%**

• R&D Expenditure of Approximately
RMB **17.49** Million

From August to October 2025, focusing on industry research progress in liquid-cooling equipment technologies for cutting-edge international smart computing chips and future core solutions for liquid-cooled chip cooling, the Company proactively engaged with several leading industry enterprises. It conducted multiple specialized technical exchanges and factory tours to precisely track the latest technological developments.

To advance the R&D and implementation of prefabricated data center technology, Hoyinn conducted in-depth technical exchanges with major domestic suppliers of prefabricated container modules and skid-mounted units. The Company also conducted on-site inspections of production facilities to absorb advanced industry experience, laying a solid foundation for its own R&D and solution optimization in prefabricated data center technology.



Hoyinn Recognized as Beijing's "Specialized, Refined, Unique, and Innovative" SMEs ▲



Hoyinn Certified As A High-Tech Enterprise ▲

Innovative Technologies and Achievements

The Company focuses on the development of green and low-carbon and high-efficiency smart computing, deeply cultivating core technology innovation in data centers. Concurrently, it continuously improves its green computing technology system, effectively enhancing project energy efficiency and its technological competitiveness in the industry.

In 2025, focusing on the core needs of project construction, equipment operation, and energy consumption control, the Company continued to optimize mature technical solutions, achieving standardized and refined iterative upgrades. Faced with increasingly frequent customer equipment updates and the long construction cycles and poor adaptability of traditional data center infrastructure, which struggle to support rapid customer deployment and business expansion, Hoyinn leveraged its advantages in high-elasticity and high-flexibility infrastructure to innovatively build an elastic architecture model. The design maximizes the retention of peripheral supporting facilities, allowing for flexible adaptation of only the main data center body. For equipment upgrade scenarios, rapid implementation is achieved through minor local modifications, significantly shortening construction periods and reducing costs, fully meeting customer needs for equipment iteration and new deployments. At the same time, the Company focused on creating an elastic architecture compatible with multiple cooling sources, enabling low-cost, rapid switching between water-cooling, air-cooling, and liquid-cooling technologies to adapt to different regions, scenarios, and customer requirements.



Innovation Direction	Achievements and Application Benefits
Prefabricated and Modular Construction	Innovatively implemented a prefabricated data center construction model by deploying factory-prefabricated equipment at scale, such as IT modules, power modules, and cooling distribution modules, complemented by the Company's self-developed low-voltage power modules. This significantly increased the level of project integration and prefabrication. This technology transforms traditional on-site construction methods, effectively accelerating the overall construction schedule, reducing on-site construction management complexity and safety risks, while also minimizing construction waste at the source and lowering environmental pollution during the construction phase, achieving a dual improvement in engineering efficiency and environmental benefits.
High-Efficiency, Energy-Saving Cooling Technology (Multi-Source Compatible)	For high-temperature and high-humidity regions, the Company innovatively developed and applied a combined air-and-liquid cooling system. The system's cooling supply temperature is controlled within 30°C and can operate dynamically throughout the year using free-cooling conditions, significantly reducing the overall energy consumption of the air conditioning and liquid cooling systems, with a projected project PUE as low as 1.15. The technology is adapted to the high-load operating characteristics of smart computing cabinets, ensuring high reliability for IT equipment in tropical scenarios while also being compatible with future chip iterations and equipment upgrades. Leveraging a flexible multi-source cooling architecture, it allows for low-cost, rapid switching between air-cooling and liquid-cooling modes, making it highly adaptable to various scenarios.
Direct Connection to Green Electricity	Focusing on the power load fluctuation characteristics of AIDC data centers, the Company researches direct connection to green electricity and energy storage technologies to address the grid impact of extreme dynamic pulse power (EDPP) fluctuations from AIDC loads. Direct connection to green electricity is a key element in achieving an integrated source-grid-load-storage system for data centers. It establishes a direct supply channel between wind and solar power sources and the computing power load. In conjunction with energy storage, it performs power peak shaving and transient fluctuation suppression, allowing the EDPP to be buffered within the closed-loop source-load-storage system. This reduces severe load disturbances to the public grid, balances green electricity consumption, power supply reliability, and grid-friendliness, and promotes AIDC computing and electricity synergy and low-carbon operation.
Water-Saving Liquid Cooling System Cold Source	Focusing on water conservation, consumption reduction, and adaptation to special scenarios, the Company has carried out iterative innovation in multi-scenario liquid cooling cold source technology. For special applications in water-free or water-scarce areas, it collaborated with leading industry suppliers to complete the trial production of a split-type phase-change cooling distribution unit prototype, developing a proprietary water-free liquid cooling solution. Concurrently, it has iteratively optimized water-saving liquid cooling cold source solutions for multiple scenarios. These efforts effectively reduce the water consumption of data center operations, avoid the environmental impact of process water use and wastewater discharge, and address the shortcomings of cooling technology in special geographical scenarios.
Waste Heat Utilization	The Company has pioneered new scenarios for waste heat utilization. Leveraging the high-grade nature of waste heat from liquid cooling systems, it has innovatively applied this heat for the winter heating needs of generator sets. The Company collaborated with generator set suppliers to custom-develop specialized equipment and matched it with an independent heating system to enhance overall reliability and stability. Trial runs have fully verified the system's performance and achieved its energy-saving targets.

Intellectual Property Management

Intellectual property is a core intangible asset for a company's technological innovation and market competitiveness, providing crucial support for the Company's data center technology iteration, energy-saving R&D, and product innovation. The Company continuously strengthens its intellectual property management system, organizational structure, and full-process control mechanisms. It regularly carries out work in technological innovation discovery, patent portfolio development, risk prevention and control, and innovation incentives. The Company systematically promotes standardized and refined intellectual property management, effectively transforming technological innovation achievements into core corporate intellectual property assets and building a strong technological and proprietary barrier for the Company's High-quality development. In 2025, the Company had no incidents of infringing on the intellectual property of others or being infringed upon, nor was it involved in any related litigation.

System and Organizational Structure

In 2025, the Company revised the *Intellectual Property Management System* to further standardize intellectual property management processes, strengthen intellectual property protection, and promote the commercialization of technological achievements, helping to enhance the Company's core competitiveness and economic benefits in intellectual property. Concurrently, the Company also revised the supporting *Intellectual Property Work Plan*, which clarifies medium-and long-term intellectual property work objectives and implementation directions, providing systematic guidance for patent layout, protection of technological achievements, and innovation incentives.

The Company has established a three-tiered intellectual property management organizational structure with clear hierarchies and well-defined responsibilities to ensure the comprehensive implementation of its intellectual property work.



Hoyinn Intellectual Property Management Organizational Structure ▲

Intellectual Property Protection

The Company has established a standardized management process covering the entire lifecycle of intellectual property, including all stages from the discovery of innovation points, project initiation applications, special reviews, signing of agency contracts, drafting of application materials, official submission of applications, filing and registration, data archiving, daily protection, annuity payments, and maintenance fee management, achieving standardized and closed-loop management of intellectual property through a comprehensive process system; at the same time, we encourage and support employees in applying for personal intellectual property and provide full-process guidance and assistance.

Innovation-Driven



- Increase R&D investment and reward outstanding achievements such as invention patents in accordance with the *Intellectual Property Management System*.
- Continuously strengthen industry-academia-research collaboration with clients, industry experts, universities, and scientific research institutions.
- Regularly organize seminars and brainstorming sessions to stimulate innovative thinking.

Talent Development



- Continuously enhance the talent development for professional management personnel and staff in positions related to trademarks, software copyrights, and patents.
- Establish incentive mechanisms with preferential treatment in terms of compensation, promotion, and honors to attract and retain talent.

Category	Unit	2025
Number of Invention Patents Applied For	No.	1
Number of Utility Model Patents Applied For	No.	8
Number of Design Patents Applied For	No.	2
Total Number of Patents Applied For	No.	11
Number of New Utility Model Patents Granted	No.	1
Number of New Design Patents Granted	No.	2
Total Number of New Patents Granted	No.	3
Number of Valid Invention Patents Held	No.	1
Number of Valid Utility Model Patents Held	No.	7
Number of Valid Design Patents Held	No.	2
Total Number of Valid Patents Held	No.	10
Number of Valid Software Copyrights Held	No.	16
Number of Valid Trademarks Held	No.	11

Enhancing Customer Service

Hoyinn continues to uphold a customer-centric service philosophy, building on a highly resilient and reliable system operation foundation to continuously improve its standardized customer service system and end-to-end assurance framework. The Company consistently strengthens its business continuity capabilities and has established a highly reliable customer service system that achieves high satisfaction, providing comprehensive support for the stable and efficient operation of customer businesses.

Highly Resilient and Reliable Systems

The Company has always considered the construction of highly resilient and reliable data center systems as a strategic cornerstone of its development, creating a solid and dependable infrastructure foundation for the robust operation of customer businesses through forward-looking, top-level design and a systematic security architecture. In 2025, the Company continued to enhance its data center compliance qualifications, obtaining certifications such as ISO 9001, ISO 27001, ISO 20000, and CQC data center certification, which further solidified the standardization, compliance, and professionalism of its operations and maintenance.

The Company has established an operations and maintenance (O&M) organizational management structure with a clear division of labor, well-defined responsibilities and authorities, and efficient collaboration. The head of the O&M center coordinates all overall work, overseeing six functional departments: the O&M Department, O&M Technology Department, Testing and Assessment Department, Security and Compliance Department, Equipment Management Department, and System Platform Department. This structure covers the entire business chain, including on-site O&M, technical support, security control, equipment management, and system assurance, providing organizational support for the stable operation of the data centers.

The Company has formulated a detailed master plan for maintenance handovers, covering the entire lifecycle from the initial review of technical documents to the final O&M transfer. This creates a standardized control process that covers all key nodes, ensuring the provision of high-quality and high-efficiency O&M services to customers throughout the entire process.

Dimension	Measures
Risk Control	- Formulated the <i>Management System for Data Center Operational Risk Assessment</i> to systematically identify three types of business continuity risks: environmental, technical, and managerial. - Established mechanisms for regular monthly risk assessments, tiered risk control, closed-loop rectification across the entire process, and full-cycle prevention before production launch, clearly defining the division of responsibilities among testing and assessment, O&M technology, security and compliance, and on-site O&M teams. - Implemented special handling for high-risk items classified as R1 and R2, with full-process tracking to ensure closure, comprehensively guaranteeing the secure, continuous, and reliable operation of data centers and strengthening the business continuity assurance system.
Equipment Maintenance	- Formulated the <i>Measures for Data Center Equipment Management</i>, which implements a closed-loop mechanism of "plan-execute-review-spot check-optimize". This effectively prevents omissions and superficial inspections, ensuring the standardization and reliability of data center infrastructure maintenance work. - In terms of maintenance management, an integrated equipment maintenance strategy is adopted, primarily focusing on preventive maintenance, supplemented by predictive maintenance, and paralleled by special investigations. - For the supervision and review of maintenance work, a control system combining three levels of quality checks with spot inspections has been established.

Dimension	Measures
Major Event Assurance Management Mechanism	- Formulated the <i>Management Measures for Major Data Center Assurance</i> to establish a systematic assurance mechanism for major events. - Before major assurance periods, comprehensive hazard investigations, drills for six major categories of emergency plans, and specialized training are conducted to ensure the team's rapid response capabilities. - During the implementation of major assurance, a three-tier support team composed of regional O&M directors, data center managers, and professional engineers is assembled, strictly adhering to a 7×24 duty schedule. - For critical equipment, vendor technical personnel are required to provide on-site support throughout the period. - In terms of service response, a four-level emergency reporting mechanism has been established, requiring O&M personnel to respond to alarms within 1 minute, arrive on-site within 5 minutes, and restore basic services within 10 minutes. They must also provide a detailed fault analysis report to ensure the reliable operation of the data center during major events and periods of special customer demand.
Closed-Loop Management of System Defects	A dual-process, closed-loop mechanism for problem management and risk assessment has been established to ensure the efficient operation of data centers: Problem Management: A full-cycle process of "discover-register-respond-verify-close" has been established. Anomalies and optimization requests are uniformly entered into the O&M platform, achieving "one record per case, with full traceability". Defects enter the rectification channel, while optimization requests are added to the technical modification reserve pool, ensuring every item is assigned, tracked, and closed. Risk Assessment: Tier-3 engineers classify risks into three categories—major risks, general risks, and observation items—based on four dimensions: probability of occurrence, scope of impact, consequences of interruption, and cost of repair. Major risks are immediately mitigated with temporary workarounds and scheduled for permanent repair within a set timeframe. General risks are incorporated into maintenance or technical modification plans. Observation items are continuously monitored and automatically escalated if they reach a predefined threshold.
Talent	Focusing on enhancing the capabilities and stability of the O&M team, a systematic talent development and retention system has been built to provide human resources support for the stable operation of data centers: - The M-Ops Leap Program was implemented, divided into three phases: the critical period for role transition, the accelerated period for management capability enhancement, and the continuous period for management capability improvement. Throughout the year, 12 newly promoted managers received specialized training to help technical experts transition into management roles. - Specialized training programs, such as the Flying Eagle Talent Training Class and the 724 Growth Training Camp, are regularly conducted to comprehensively enhance the practical skills and professional competence of frontline O&M personnel.

During the reporting period, Hoyinn

 • Experienced **No** Major Failures

 • **0** Complaints, **0** F0-Level Failures, **0** Safety Incidents, **0** Confidential Information Leaks, and **0** SLA Violations

Efficient Response to Customer Needs

The Company adheres to a "customer-centric" service orientation, continuously optimizing its customer service management system and end-to-end response mechanism to build a standardized, timely, and closed-loop system for responding to customer needs.

Customer Communication Management

The Company implements tiered, categorized, and time-sensitive response management for different types of customer requests, defining service standards and response times for various scenarios to significantly improve the accuracy and efficiency of issue resolution. A three-tier response structure has also been established, comprising customer interface managers, the satisfaction project team, and senior management, to handle daily customer feedback and major complaints under a classified management approach.

Communication and Feedback for Daily Customer Needs

The Company has established dedicated feedback channels to achieve a closed-loop response to customer needs:

- For service-impacting incidents, a minute-level response is implemented: for major or higher-level infrastructure or network failures, an initial notification is sent within 2 minutes; the fault is confirmed and the customer is updated within 5 minutes; and emergency handling or isolation is completed within 15 minutes, along with information on the fault's basic details, time of occurrence, scope of impact, and estimated time to repair.
- Optimization requests are advanced concurrently through coordination with other departments, and 100% of innovation requests are resolved through a closed-loop process, ensuring the efficient resolution of customer needs.

Formal Customer Complaint Handling Process

For formal complaints initiated by customers, the Company has established a strict special handling process that prohibits concealment or delayed reporting and specifies standardized resolution timelines:

- Convene an emergency special meeting within 6 hours to finalize the handling plan;
- Send an initial written assurance to the customer within 12 hours;
- Formulate a complete rectification and solution plan within 24 hours;
- Provide an update on the initial handling progress within 2 days;
- Issue a formal response letter and arrange an on-site visit for follow-up within 3 days, ensuring the customer approves the plan throughout the process;

After implementation, regularly and continuously report on the effectiveness of the rectification measures to achieve closed-loop resolution of all complaint issues.

Customer Satisfaction Management

The Company has established a customer satisfaction project team directly led by the CEO, which integrates resources from sales, technology, construction, O&M, and other departments to form a cross-functional collaboration mechanism. In accordance with the *Measures for Customer Satisfaction Management*, the Company regularly identifies top-priority issues for improving customer satisfaction. The project team leader then spearheads root cause analysis and formulates improvement plans, enhancing the customer experience through continuous optimization of service processes.

Based on customers' internal multi-dimensional supplier evaluation systems, the Company's service scores are consistently in the upper range of the industry's first and second tiers.

During the reporting period, Hoyinn

- Received **No** Major Customer Complaints

Data Security and Privacy Protection

Hoyinn consistently adheres to the information security governance principles of legality, compliance, security, and controllability. The Company strictly follows national laws, regulations, and industry standards such as the *National Security Law of the People's Republic of China*, the *Data Security Law of the People's Republic of China*, and the *Personal Information Protection Law of the People's Republic of China*. It has comprehensively built a standardized, regulated, and systematic information security governance framework, laying a solid institutional foundation for the security of the Company's data assets, network systems, and physical facilities.

Information Security Governance System

The Company has obtained ISO 27001 Information Security Management System certification and has also received Level 3 certification under China's Cybersecurity Multi-Level Protection Scheme (MLPS). Integrating these with the specific characteristics of its data center business operations, the Company has formulated relevant policies such as the *Management System for Data Center Operational Risk Assessment* and the *Measures for Data Center Equipment Management*. These measures effectively prevent and mitigate various information security risks, ensuring the Company's business operations are stable and compliant.

Information and Data Security Management

The Company continuously enhances its information and data security management by implementing measures such as physical isolation, regular audits, and strengthened security awareness, thereby improving its emergency response and risk prevention and control mechanisms. These efforts comprehensively upgrade the security protection capabilities of its data centers, effectively ensuring the safe and stable operation of the Company's network systems, hardware and software equipment, client data assets, and campus facilities.

Comprehensive Information Security Protection Measures

Network Security

- Systematically segmenting network security domains and implementing physical isolation between the production and office networks to completely mitigate cross-network security risks.
- Deploying independent firewalls in core business areas and strictly enforcing the least privilege access mechanism to prevent security risks such as unauthorized access and privilege escalation.
- Using a bastion host to centrally consolidate network access points, enabling hierarchical network management and traceable network operations.
- The Company's newly constructed data center forms a mutual backup architecture with the existing data center, effectively enhancing the fault tolerance and continuity of network services.

Software Security

- Enterprise-grade antivirus software is uniformly deployed on all office computers and business workstations to perform terminal virus scanning, malicious program interception, and real-time security risk monitoring. This comprehensively secures terminal device access and prevents issues like terminal virus intrusions and data leakage.
- A regular network vulnerability scanning mechanism has been established to conduct comprehensive vulnerability assessments periodically. This allows for the timely discovery and remediation of system vulnerabilities and security risks, continuous optimization of software system security protection strategies, and effective defense against network security threats such as hacker attacks and system vulnerability exploits, ensuring the stable and secure operation of software systems.

Physical Security

- The Hoyinn campus has implemented a smart campus security management platform. This platform fully covers core security scenarios such as visitor registration, employee onboarding and offboarding access management, access control permission issuance and revocation, and verification of items entering or leaving the campus, achieving digitalized and standardized management of the entire campus security process.
- In 2025, no personnel safety incidents or asset damage or loss events occurred at the Hoyinn campus.



Smart campus security and safety platform dashboard ▲

Information Security Emergency Drills

The Company has formulated the *Management Measures for Data Center Emergency Drills* and prepared specialized emergency plans for various fields, including electrical systems, HVAC, low-voltage systems, fire safety, and public security. This forms a systematic set of emergency response standards. Based on these plans, a specialized drill plan for 2025 was developed, and monthly drills for each specialty are strictly executed. Drill ledgers and process records are maintained throughout to ensure the standardized and routine implementation of emergency management work.

The Company has formulated a specialized emergency plan for extreme weather and established a routine weather risk screening mechanism, conducting daily meteorological risk assessments and judgments to proactively prevent operational hazards from severe weather. In the event of extreme weather, a key support mechanism is immediately activated, with personnel in critical positions remaining on duty to efficiently handle various emergencies. Concurrently, the Company maintains a risk management ledger to dynamically identify potential security risks and implement closed-loop management throughout the entire process, effectively ensuring the stable operation of campus facilities and business.

During the reporting period, Hoyinn

- Conducted **359** Information Security Emergency Drills, Covering **14** Core Drill Subjects

Information and Data Security Culture

In July 2025, a cultural event for O&M engineers, themed "*Forging a Strong Culture, Building Consensus*," was successfully held, focusing on three core strategies: "consensus on long-term goals, formulation of values, and implementation of values". The event identified five key terms for the engineer culture: proactive, professional, focused, efficient, and reliable. The initiative defines the characteristics of O&M work and clarifies the behaviours the team encourages and discourages, carry forward the Hoyinn culture, and jointly practice and disseminate cultural values.

Case Study | High-Efficiency Emergency Repair Skills Competition

To enhance O&M emergency response capabilities and ensure the operational security of its data centers, the Hoyinn O&M Center organized a high-efficiency emergency repair skills competition centered on the "high-efficiency" engineer culture. The competition broke down professional barriers, featuring practical subjects like PDU emergency maintenance and network cable crimping to test the team's fault response and collaborative handling abilities. The participating teams completed fault troubleshooting and repair within 45 minutes, reducing the average repair time by half and significantly improving emergency response efficiency. This competition-driven training effectively strengthened the practical skills and security awareness of O&M personnel, refined emergency response procedures, and solidified the foundation for the safe and stable operation of the data centers.



High-Efficiency Emergency
Repair Skills Competition ▲

Graded Management of Information Security Incidents

The Company has formulated the *O&M Center Incident Management System*, which defines the workflow for handling equipment anomalies discovered through monitoring alerts, inspections, and other means. This system classifies incidents and uses standardized, process-driven methods to respond to, identify, handle, and review factors affecting service levels, with the goal of restoring services and ensuring business continuity.

Upholding Integrity: Fortifying the Foundation of Governance

A sound corporate governance system and compliant operational mechanisms are the core cornerstones and fundamental guarantees for an enterprise's sustainable, high-quality development. Hoyinn consistently adheres to the development principles of standardized governance, compliant operations, and long-term integrity. It strictly complies with national laws, regulations, and industry supervisory requirements, continuously optimizes its modern corporate governance structure, and improves its comprehensive risk management and internal control systems. The Company is dedicated to cultivating a culture of compliance and risk control, adhering to positive business ethics standards, and implementing a standardized and responsible marketing system. By building a modern corporate governance framework with clear rights and responsibilities, effective checks and balances, rigorous risk control, and integrity-based standards, Hoyinn continues to enhance its corporate governance effectiveness and compliance level, laying a solid governance foundation for its stable operations and sustainable development.

Sustainability topics covered in this chapter

Corporate Governance

Business Ethics

United Nations Sustainable Development Goals (SDGs) Addressed in This Chapter



Improving Corporate Governance

In accordance with the *Company Law of the People's Republic of China*, the *Securities Law of the People's Republic of China*, and other laws and regulations, Hoyinn has established a standardized and orderly corporate governance structure composed of a shareholders' meeting and a board of directors. This structure creates a governance mechanism with clear rights and responsibilities, mutual coordination, and checks and balances, ensuring efficient and compliant corporate governance.

The board of directors is the corporate governance body elected by and representing the shareholders to exercise governance responsibilities. It fulfills its duties with diligence and loyalty, and is responsible for reviewing the Company's strategic decisions and deciding on major corporate matters. The Company places great importance on the diversity and independence of its board of directors, comprehensively considering the age, gender, work experience, and professional background of its directors. The current directors have backgrounds spanning multiple professional fields, possessing deep industry knowledge, extensive corporate management experience, and the necessary skills and qualities to perform their duties.

To enhance the governance efficiency of the Company and promote the iterative upgrading of its governance capabilities, Hoyinn has diversified its capital sources and actively introduced strategic investor Henan Investment Group. By channeling fresh capital into the real economy, it empowers industrial upgrading and helps enhance the value of green computing power assets.

Compliant Operations and Risk Management

Hoyinn continuously refines and improves its comprehensive risk management system and internal control and compliance system, steadily enhancing its company-wide compliance management capabilities. The Company has built a multi-dimensional risk identification mechanism covering strategy, finance, operations, and marketing. Leveraging standardized, routine risk assessment processes, it conducts systematic screening, graded analysis, and refined control of potential risks across all business chains. At the same time, the Company collaborates with leading industry consulting firms to continuously improve its internal control and compliance system, achieving compliant, orderly, and efficient business operations. This ensures that risks are predictable, preventable, and manageable, building a robust safeguard for the Company's stable operations.



Compliance and Risk Management System

The Company strictly implements a tripartite risk management structure, clearly defining the responsibilities of business departments, risk control functional departments, and internal audit departments to form a risk control framework with clear authority and effective checks and balances. For major risk events, the Company formulates specific risk response plans, detailing response objectives, execution procedures, and resource allocation standards. Concurrently, compliance requirements are embedded into internal control processes, running through the stages of ex-ante prevention, in-process control, and ex-post supervision. A routine supervision and evaluation mechanism is also established to drive the transformation of risk management from a set of institutional requirements to a deep-seated governance capability. This provides solid support for the effective operation of the Company's risk management system, helps to continuously improve corporate governance and operational quality, and lays a compliance foundation for high-quality development.

In 2025, the Company continued to enhance its internal control system, focusing on five key areas: asset management, operations and maintenance management, engineering management, procurement, and investment and financing. It released the *Business Operations Procedure Manual*, which penetrates to specific operational steps with fine granularity, covering key nodes of each business. The manual clarifies operational standards, responsibility boundaries, and control points, transforming external compliance requirements from high-level principles into executable and traceable standardized operating guidelines that are deeply embedded in the Company's daily operations. Through this fine-grained process transformation, compliance requirements are no longer just institutional rules but have become operational "instructions" for daily work. This enables more timely risk identification and more proactive response measures in key business segments, helps to strengthen the rigidity and penetration of the internal control system, fortifies the risk defense lines in key business areas, provides institutional support for the continuous improvement of operational standardization, and further consolidates the management foundation for the Company's stable operation and sustainable development.

The manual was systematically revised with reference to national laws, regulations, and supervisory requirements, such as the *Application Guidelines for Enterprise Internal Control (No. 6-Fund Activities, No. 7-Procurement, No. 8-Asset Management, and No. 11-Engineering Projects)*, the *Tendering and Bidding Law of the People's Republic of China* and its implementing regulations, and the *Measures for Bidding on Engineering Construction Projects* series of regulations, as well as industry standards like GB/T 33136-2016 *Information Technology Service-Data Center Service Capability Maturity Model* and CQC 8302-2018 *Technical Specification for Evaluation of Data Center Infrastructure Operation and Maintenance*, and normative documents including the *Interim Measures for Lifelong Accountability for the Quality of Project Leaders of the Five Responsible Parties in Construction Projects* from the Ministry of Housing and Urban-Rural Development. By internalizing external compliance requirements into standardized operating procedures, the Company has further strengthened its risk prevention and control capabilities in key business segments, enhanced its level of operational standardization, and laid a solid foundation for achieving sustainable development.

In terms of system development, the Company continued to iterate and improve its institutional framework. In 2025, a total of 10 new company-level and 4 department-level policies were added, while 27 company-level and 5 department-level policies were updated and optimized. Through the creation and revision of these policies, the Company continuously addresses management weaknesses, perfects its compliance control system, and promotes the standardization and upgrading of its corporate governance.

Compliance and Risk Audit

Leveraging its compliance and risk control systems, the Company strengthens its comprehensive risk prevention and control capabilities through systematic audit work. It conducts specialized audits in key areas such as budget management, internal control, and financial operations to comprehensively review and objectively evaluate the compliance and operational effectiveness of each business process. The audit work focuses on the implementation effectiveness of the internal control system and the standardization of policy execution. For identified management weaknesses, the Company promptly refines control measures and addresses shortcomings to continuously optimize its internal control governance system. Additionally, by improving the mechanisms for audit result feedback, problem rectification, and closed-loop tracking, the Company ensures that all departments strictly implement corporate management policies, thereby enhancing the overall compliance literacy and policy execution capabilities of all employees.

In 2025, the Company continued to solidify its compliance management foundation and strengthen supervision over policy implementation. It conducted comprehensive and regular specialized compliance inspections covering key areas such as substation policy development and execution, procurement compliance, drone inspections, settlement compliance, preliminary procedure compliance for regional companies, informatization compliance, and seal management. These efforts aimed to thoroughly identify compliance risks, standardize business operating procedures, and fortify the Company's operational compliance defense line.



Building a Compliance and Risk Control Culture

Furthermore, the Company is deeply committed to cultivating a risk management culture, regularly conducting capacity-building activities such as risk case study presentations and specialized risk control training to comprehensively strengthen the risk prevention awareness of all employees. At the same time, it integrates risk management into its corporate strategy, promoting the deep integration of compliance management and risk control requirements into daily operations to effectively ensure the efficient implementation and long-term operation of the risk control system.

In 2025, to further strengthen the deep integration of legal risk control with business development, proactively resolve operational legal risks, and empower high-quality business development, the Company's legal affairs department fully implemented the Legal Business Partner (BP) collaborative mechanism. Through regular and enhanced two-way communication and collaborative efforts between the legal team and various business departments and centers, the department can accurately align with the practical needs of front-line business and thoroughly understand operational scenarios. This allows for specialized legal services to be precisely tailored to the Company's overall business priorities, achieving proactive legal risk prevention and providing precise, empowering compliance services, thereby continuously enhancing the effectiveness of legal compliance in safeguarding the Company's business operations.

Adhering to Business Ethics

Hoyinn upholds the bottom line of integrity in its operations, integrating integrity and compliance into its core management system and continuously improving its anti-corruption and compliance control mechanisms. Through a multi-dimensional approach of institutional constraints, process controls, and whistleblower protection, the Company regulates the business conduct of all employees, strictly adheres to laws, regulations, and professional ethical standards, and consistently maintains a fair and just market competition order.

Regulating Business Ethics

Anti-Commercial Bribery and Anti-Corruption

Hoyinn adheres to the core development principle of operating with integrity, deeply embedding compliance concepts and business ethics into its corporate culture. The Company guides all employees to standardize their daily duties and business operations, ensuring that all business activities strictly comply with laws, regulations, and ethical bottom lines. The Company promotes the implementation of compliance requirements, transforming business ethics from institutional regulations into a code of conduct that all employees consciously follow.

The Company continuously improves its anti-corruption and compliance management system, strictly implementing relevant policies on anti-fraud, anti-bribery, prohibition of improper benefits, and whistleblowing management, and commercial bribery, improper transfer of benefits, and other illegal or non-compliant activities. The *Employee Handbook* details standards for business conduct, and compliance education is a mandatory course for new employees. All employees are required to sign a compliance commitment letter, achieving a 100% signing rate in 2025. Concurrently, the Company organized comprehensive integrity-focused training throughout the year to continuously strengthen employees' awareness of professional integrity and their practical compliance capabilities.

In the field of supply chain management, the Company fully implements an integrity-based cooperation mechanism, requiring bidding suppliers to read an integrity commitment letter aloud at the bid-opening site to ensure a fair and transparent cooperation process. Through contractual constraints, regular supplier evaluations, and an integrity "one-vote veto" mechanism, anti-corruption controls are integrated throughout the entire supply chain, creating an upright and orderly business environment in collaboration with partners.

During the reporting period, Hoyinn

• **100%** Signing Rate for Employee Compliance Commitment Letters

• **100%** Coverage Rate for Employee Integrity Training

• **No** Incidents or Litigation Related to Corruption Occurred

Anti-Unfair Competition

The Company strictly complies with relevant laws, regulations, and international standards such as the *Anti-Monopoly Law of the People's Republic of China*, the *Anti-Unfair Competition Law of the People's Republic of China*, and the *Civil Code of the People's Republic of China* to ensure its compliance with antitrust and anti-unfair competition requirements. During the reporting period, no incidents or litigation related to unfair competition occurred.

Whistleblowing Management and Whistleblower Protection

To ensure that business ethics are effectively upheld, the Company has established whistleblowing channels, allowing employees, partners, and the public to report various types of violations. This multi-channel mechanism for collecting leads further broadens supervisory pathways, effectively safeguarding the legitimate rights and interests of all parties.

The Company strictly protects whistleblowers, ensuring confidentiality of reported information and personal data throughout the process and limiting the scope of who is informed. It also explicitly prohibits actions such as leaking information, dereliction of duty, or retaliation. Any such behavior, once verified, will be dealt with seriously according to regulations, and severe cases will be transferred to judicial authorities for handling in accordance with the law.

Whistleblowing
Email

jjjc@hoyinn.com



Responsible Marketing

Hoyinn consistently upholds a marketing development philosophy of compliance and self-discipline, operating with integrity, and creating positive value. The Company strictly adheres to laws, regulations, and industry standards, building a standardized, sustainable, and responsible marketing management system. The Company insists on conducting brand communication, market promotion, and customer management in a compliant manner, prohibiting unfair competition and false advertising. It deeply integrates business ethics, compliant operations, green and low-carbon principles, and positive values into the entire marketing process, regulating the marketing conduct of employees and the business practices of partners to continuously build a transparent, fair, green, and sustainable brand marketing ecosystem.

Improving the Marketing Management System

To standardize its marketing and customer management activities, the Company has established a comprehensive responsible marketing policy system. At the sales business management level, the Company strictly implements two core policies: the *Administrative Measures for the Use of Business Entertainment Expenses in the Sales Center* and the *Measures for Customer Satisfaction Management*. These policies comprehensively regulate standards for sales-related business entertainment, expense usage procedures, customer service standards, and satisfaction control mechanisms. This approach prevents risks such as non-compliant operations, extravagance and waste, and improper dealings in marketing activities, promoting standardized, institutionalized, and transparent operation of customer service and marketing efforts.

At the brand communication and public opinion management level, the Company has established a specialized public relations and public opinion management system. This system clarifies standards for crisis management, organizational structure, and a tiered response mechanism, comprehensively ensuring the stable development of marketing and brand communication activities. At the same time, the Company classifies public opinion risks into three levels—minor, moderate, and severe—based on their scope of impact and degree of harm. It has correspondingly established a closed-loop management process of graded response, progressive reporting, and filing with the board of directors. This enables proactive prevention, rapid response, and post-event review and optimization of brand public opinion risks, safeguarding the corporate brand reputation from all angles and ensuring that marketing communication is compliant, orderly, and controllable.

Standardizing the End-To-End Marketing Process

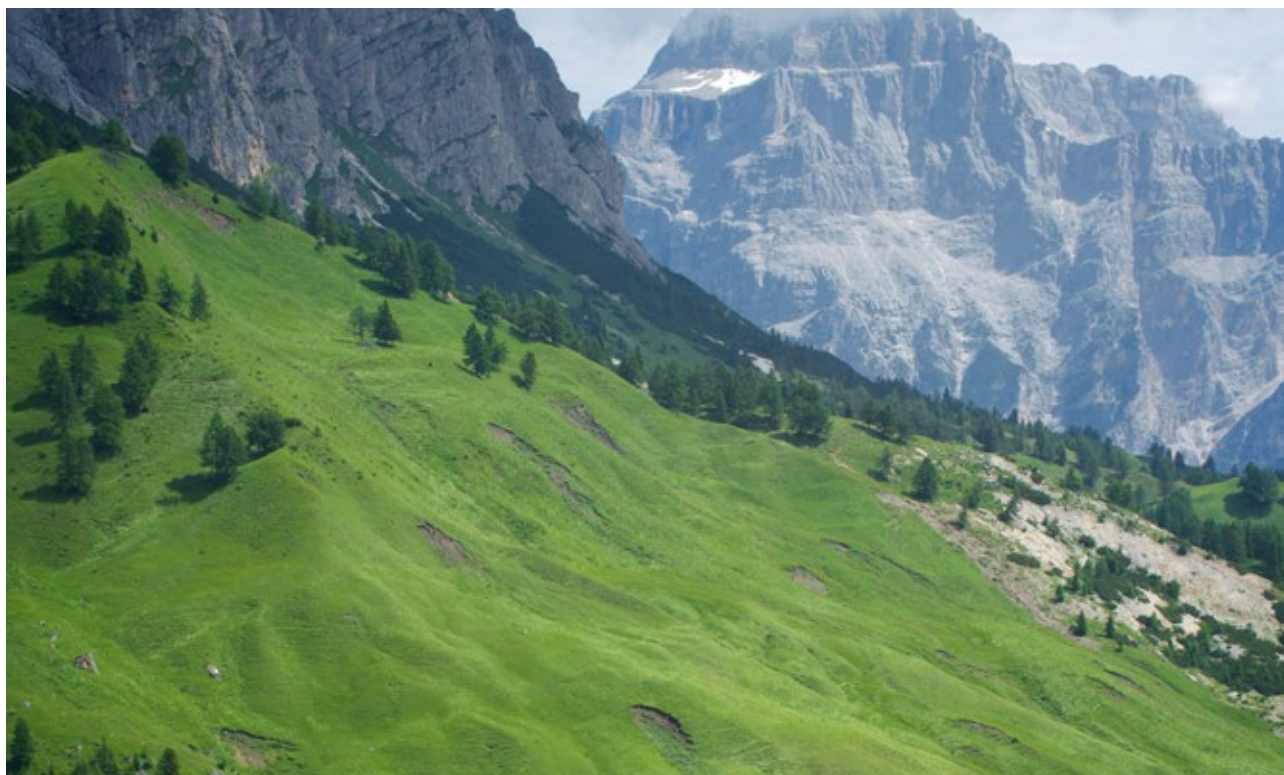
The Company consistently adheres to legal and compliant marketing principles, strictly complying with national and local laws and regulations such as the *Advertising Law of the People's Republic of China* and the *Anti-Unfair Competition Law of the People's Republic of China*. It regulates all categories of market promotion, brand advertising, content dissemination, and customer communication to ensure that all external promotional content is truthful, accurate, and objective. The Company prohibits exaggerated claims, false communications, and unfair competition, firmly upholding the bottom line of fairness and justice in market-oriented operations.

In its daily operational management, the Company continuously promotes the internal dissemination and implementation of its marketing policies. It regularly conducts compliance education for its sales and marketing teams, guiding all employees to establish a responsible marketing mindset and integrate the requirements of compliant operations, service with integrity, and professional self-discipline into the entire process of customer development, business engagement, and brand communication.

Cultivating Green Value Marketing

Hoyinn rejects traditional, profit-driven marketing mindsets, instead insisting on deeply integrating positive values and a green, environmentally friendly culture into its brand marketing system, using public welfare-oriented and sustainable marketing formats to convey its corporate social responsibility philosophy and achieve the dual empowerment of brand and social value. The Company has designated the third Friday in April of each year as its exclusive "Hoyinn Public Welfare Day," using it as a core brand platform to promote green and low-carbon concepts and disseminate sustainability values, continuously practicing its corporate philosophy of "integrating public welfare into daily operations and making responsibility traceable" to create a distinctive green-value marketing brand that serves as an industry model.

Building on traditional forms of public welfare, the Company continuously innovates its green marketing communication models, introducing a "Low-Carbon Check-in Campaign" to encourage employees to adopt low-carbon habits in their daily lives and spontaneously share green concepts through their personal social media channels, thereby creating a spillover effect for the Company's green culture. Through a series of public welfare marketing practices, the Company has deeply embedded core value labels such as "low-carbon computing power," "green data centers," and "sustainable development," building a differentiated and positive brand marketing system.



Appendix

Key Performance Indicators (KPI) Table

Economic Indicators

Corporate Operations¹⁰

Indicator	Unit	2023	2024	2025
Environmental Protection Investment	RMB 10,000	1,531.01	3,140.51	2,478.00

Governance Indicators

Corporate Governance

Indicator	Unit	2023	2024	2025
Number of Directors	Persons	4	4	4
Number of Directors with Professional Expertise in Risk Management ¹¹	Persons	2	2	2

Business Ethics

Indicator	Unit	2023	2024	2025
Total Number of Anti-Corruption and Anti-Commercial Bribery Training Sessions for Directors/Senior Executives	Sessions	1	1	1
Total Number of Anti-Corruption and Anti-Commercial Bribery Training Sessions for General Employees	Sessions	5	5	4
Coverage Ratio of Personnel Trained in Business Ethics Matters	%	100	100	100
Coverage Ratio of Personnel Trained in Antitrust and Fair Competition	%	100	100	100
Audit Cycle for All of the Company's Operating Entities	Months	12	12	12

¹⁰The statistical scope for the Company's operating indicators covers Hoyinn and its subsidiaries (including operating entities under its operational control).

¹¹Directors with a professional background in risk management include those with backgrounds in accounting and law.

Environmental Indicators

Emissions Management

Indicator	Unit	2023	2024	2025
Total Operational-Level Greenhouse Gas (GHG) Emissions	tCO ₂ e	276,649.32	772,225.21	1,382,040.10
Scope 1 Emissions ¹²	tCO ₂ e	945.40	970.46	27,100.39
Scope 2 Emissions	tCO ₂ e	275,703.92	771,254.75	1,354,939.71
Actual Emissions After Offsetting	tCO ₂ e	244,058.38	629,822.13	894,142.48
Total Harmful/Hazardous Waste Treated	Tons	7.79	39.15	26.06

Energy Utilization

Indicator	Unit	2023	2024	2025
Gasoline Consumption ¹³	Liters	19,363	16,129	9,815.95
Diesel Consumption	Liters	334,677	346,795	529,519.47
Purchased Grid Electricity	kWh	513,797,846	1,437,299,192	2,553,599,145
Data Center CAMPUS	kWh	513,797,846	1,437,201,136	2,553,475,592.42
Beijing Office	kWh	-	98,056	123,552.75
Solar Power Generation	kWh	1,814	5,518	5,518
Renewable Energy and RECs	MWh	60,736	262,352	1,131,286
Average Annual PUE	/	1.263	1.229	1.229

¹²The statistical scope for 2023 carbon emissions data covers the data center campus, while the scope for 2024 and 2025 covers the entire data center area and the Beijing head office.

¹³Gasoline consumption for each year is estimated by converting based on the price of No. 92 gasoline in the Beijing area as of 31 December for 2023, 2024, and 2025, respectively.

Water Resource Management

Indicator	Unit	2023	2024	2025
Water Usage	Tons	327,798.00	1,116,316.30	1,974,074.79
Production Water	Tons	326,736.00	896,879.50	1,963,596.32
Domestic Water	Tons	1,802.50	10,324.70	10,478.47
Total Water Consumption	Tons	328,538.50	907,204.20	1,233,263.76
Average Annual WUE	/	0.81	0.85	0.94

Green Building

Indicator	Unit	2023	2024	2025
Total Number of Green Data Center Certificates Obtained	No.	not disclosed	11	17

Social Indicators

Employee Rights Protection

Indicator	Unit	2023	2024	2025
Total Number of Global Employees	Persons	265	438	477
By Gender				
Male Employees	Persons	191	351	385
Female Employees	Persons	74	87	92
Percentage of Male Employees	%	72	80	81
Percentage of Female Employees	%	28	20	19
By Age				
30 Years and Under	Persons	49	157	161
31-40 Years	Persons	160	227	259
41-50 Years	Persons	54	52	54
Over 50 Years Old	Persons	2	2	3

Indicator	Unit	2023	2024	2025
By Education Level:				
Master's Degree or Above	Persons	24	27	28
Bachelor's Degree	Persons	170	247	256
Associate Degree or Below	Persons	71	164	193
By Position:				
Management (Including Junior Management)	Persons	32	45	58
Sales Staff	Persons	4	4	5
Functional Support Staff	Persons	81	101	86
R&D and Technical Staff	Persons	148	288	328
By Region:				
China (Including Hong Kong, Macao, and Taiwan)	Persons	265	438	477
Outside of China	Persons	0	0	0
By Management Level:				
Number of Female Employees in Senior Management	Persons	2	3	3
Number of Male Employees in Senior Management	Persons	5	5	6
Number of Female Employees in Executive Management	Persons	8	10	10
Number of Male Employees in Executive Management	Persons	17	27	39
By Employment Type:				
Part-Time Employees ¹⁴	Persons	2	2	2
Temporary Employees	Persons	0	0	0
Interns	Persons	0	0	0
Full-Time Employees	Persons	263	436	475

¹⁴Non-full-time employees refer to employees with disabilities.

Indicator	Unit	2023	2024	2025
Number of Employees from Ethnic Minorities	Persons	7	10	10
Employee Satisfaction Rate	%	97	98.5	98.5
Total Number of New Employees	Persons	96	239	133
By Region:				
China (Including Hong Kong, Macao, and Taiwan)	Persons	96	239	133
Outside of China	Persons	0	0	0
By Age Group				
30 Years and Under	Persons	43	124	55
31-40 Years	Persons	46	97	76
41-50 Years	Persons	9	18	2
Over 50 Years	Persons	0	0	0
By Gender:				
Male Employees	Persons	79	217	115
Female Employees	Persons	17	22	18
Percentage of Women in Management	%	22.22	26.67	28.89
Percentage of Women in Technical Roles	%	8.15	6.25	6.47
Percentage of Women in Other Roles	%	55	54.29	37.19
Percentage of Ethnic Minorities in Management	%	0	4.44	6.89
Percentage of Ethnic Minorities in Technical Roles	%	2.48	0.69	1.79
Percentage of Ethnic Minority Employees Among Other Staff	%	3.38	5.71	1.42
Total Annual Employee Turnover	Persons	32	55	112

Indicator	Unit	2023	2024	2025
By Region				
China (Including Hong Kong, Macao, and Taiwan)	Persons	32	55	112
Excluding China	Persons	0	0	0
By Age Group				
30 Years and Under	Persons	9	15	40
31-40 Years	Persons	14	32	61
41-50 Years	Persons	9	8	11
Over 50 Years	Persons	0	0	0
By Gender				
Number of Male Employees	Persons	23	50	99
Number of Female Employees	Persons	9	5	13
Employee Turnover Rate	%	10.77	11.16	19.02
By Age Group				
30 And Under	%	28.13	27.66	35.71
31-40	%	43.75	55.32	54.45
41-50	%	28.13	17.02	9.84
Over 50	%	0	0	0
By Gender				
Male Employees	%	71.88	89.36	88.39
Female Employees	%	28.13	10.64	11.61

Employee Benefits and Care

Indicator	Unit	2023	2024	2025
Total Number of Employees Taking Parental Leave ¹⁵	Persons	14	17	30
Number of Male Employees	Persons	9	12	26
Number of Female Employees	Persons	5	5	4
Return to Work Rate for Employees After Parental Leave	%	100	100	100
Retention Rate for Employees One Year After Returning from Parental Leave	%	100	100	100

Occupational Health and Safety

Indicator	Unit	2023	2024	2025
Annual Number of Work-Related Employee Fatalities	Persons	0	0	0
Annual Number of Employee Work-Related Injuries	Times	0	0	3
Number of Work-Related Injuries with Serious Consequences	Persons	0	0	0
Percentage of Work-Related Injuries with Serious Consequences	%	0	0	0
Number of Recordable Work-Related Injuries	Persons	0	0	5
Percentage of Recordable Work-Related Injuries	%	0	0	1.048
Safety Drills	Times	21	47	10
Number of Safety Training Sessions	Times	43	135	0
Employee Participation in Safety Training	Person-Times	150	620	677
Employee Safety Training Coverage Rate	%	100	100	100
Supplier Participation in Safety Training	Person-Times	6,126	6,160	1,955
Supplier Safety Training Coverage Rate	%	100	100	100

¹⁵Parental Leave includes maternity leave, paternity leave, and statutory childcare leave.

Employee Training and Development

Indicator	Unit	2023	2024	2025
Total Number of Employees Trained	Persons	263	436	477
Total Training Hours for All Employees	Hours	2,514	21,606	13,239
Number of New Employee Training Participants	Persons	79	130	133
Number of New Employee Training Sessions	Sessions	4	3	4
Instructional Hours for New Employees	Hours	474	780	1,064
Total Expenditure on Employee Training	RMB	245,000	745,000	240,500

Supply Chain Management

Indicator	Unit	2023	2024	2025
Number of Suppliers	Suppliers	828	1,061	1,140
Of Which, by Region:				
Number in Northeast China	Suppliers	1	3	5
Number in North China	Suppliers	603	787	829
Number in East China	Suppliers	140	174	192
Number in South China	Suppliers	55	61	74
Number in West China	Suppliers	18	20	21
Number in Central China	Suppliers	11	16	19
Localized Procurement Ratio	%	100	100	100
Coverage Rate of Supplier ESG Disclosure Assessments	%	100	100	100
Number of Suppliers That Completed Audits	Suppliers	87	130	79
Percentage of Suppliers Whose Audits Covered Material ESG Topics ¹⁶	%	100	100	100

¹⁶Material ESG topics include labor safety, protection of basic labor rights, environmental protection, and product and service quality.

Product Quality and Safety

Indicator	Unit	2023	2024	2025
Number of data centers with Uptime Institute Management & Operations (M&O) Certification	Centers	-	2	2
Number of Data Centers with Uptime Tier III Design Certification	Centers	-	0	1

Information Security and Privacy Protection

Indicator	Unit	2023	2024	2025
China's Information Security Grade Protection	Level	-	A	A
Obtained ISO 27001 Information Security Management System Certification	/	Yes	Yes	Yes

Innovation-Driven

Indicator	Unit	2023	2024	2025
Cumulative Number of Global Patents Filed	Patents	10	13	24
Cumulative Number of Global Patents Granted	Patents	1	7	10
Total Annual R&D Investment	RMB Million	8	17	17

Community Engagement

Indicator	Unit	2023	2024	2025
Number of Public Welfare Projects	Projects	-	3	5
Number of Employee Volunteers	Persons	-	436	477
Number of Public Welfare Events Organized	Events	-	3	5
Number of Beneficiaries of Public Welfare Projects for the Year	Person-Times	-	600	1,000+

Report Index

Instructions for Use	Hoyinn has reported the information referenced in this GRI Content Index for the period from 1 January 2025 to 31 December 2025, in accordance with the GRI Standards.
GRI 1 Used	GRI 1: Foundation 2021

GRI STANDARD	DISCLOSURE	LOCATION
GRI 2: General Disclosures 2021	2-1 Organizational details	5
	2-2 Entities included in the organization's sustainability reporting	1
	2-3 Reporting period, frequency and contact point	1,111
	2-4 Restatements of information	/
	2-5 External assurance	2,109
	2-6 Activities, value chain and other business relationships	16
	2-7 Employees	62
	2-8 Workers who are not employees	/
	2-9 Governance structure and composition	88
	2-10 Nomination and selection of the highest governance body	88
	2-11 Chair of the highest governance body	88
	2-12 Role of the highest governance body in overseeing the management of impacts	14
	2-13 Delegation of responsibility for managing impacts	14
	2-14 Role of the highest governance body in sustainability reporting	2
	2-15 Conflicts of interest	/
	2-16 Communication of critical concerns	17-18
	2-17 Collective knowledge of the highest governance body	2
	2-18 Evaluation of the performance of the highest governance body	/

GRI STANDARD	DISCLOSURE	LOCATION
GRI 2: General Disclosures 2021	2-19 Remuneration policies	/
	2-20 Process to determine remuneration	/
	2-21 Annual total compensation ratio	/
	2-22 Statement on sustainable development strategy	15
	2-23 Policy commitments	/
	2-24 Embedding policy commitments	14
	2-25 Processes to remediate negative impacts	/
	2-26 Mechanisms for seeking advice and raising concerns	17-18,111
	2-27 Compliance with laws and regulations	/
	2-28 Membership associations	/
	2-29 Approach to stakeholder engagement	17-18
	2-30 Collective bargaining agreements	/
GRI 3: Material Topics 2021	3-1 Process to determine material topics	19
	3-2 List of material topics	20
	3-3 Management of material topics	21-24
GRI 101: Biodiversity 2024	101-1 Policies to halt and reverse biodiversity loss	46
	101-2 Management of biodiversity impacts	46
	101-3 Access and benefit-sharing	/
	101-4 Identification of biodiversity impacts	/
	101-5 Locations with biodiversity impacts	/
	101-6 Direct drivers of biodiversity loss	/
	101-7 Changes to the state of biodiversity	/
	101-8 Ecosystem services	/

GRI STANDARD	DISCLOSURE	LOCATION
GRI 201: Economic Performance 2016	201-1 Direct economic value generated and distributed	/
	201-2 Financial implications and other risks and opportunities due to climate change	27-30
	201-3 Defined benefit plan obligations and other retirement plans	64
	201-4 Financial assistance received from government	/
GRI 202: Market Presence 2016	202-1 Ratios of standard entry level wage by gender compared to local minimum wage	/
	202-2 Proportion of senior management hired from the local community	/
GRI 203: Indirect Economic Impacts 2016	203-1 Infrastructure investments and services supported	/
	203-2 Significant indirect economic impacts	/
GRI 204: Procurement Practices 2016	204-1 Proportion of spending on local suppliers	/
GRI 205: Anti-corruption 2016	205-1 Operations assessed for risks related to corruption	/
	205-2 Communication and training about anti-corruption policies and procedures	91-92
	205-3 Confirmed incidents of corruption and actions taken	/
GRI 206: Anti-competitive Behavior 2016	206-1 Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	91
GRI 207: Tax 2019	207-1 Approach to tax	/
	207-2 Tax governance, control, and risk management	/
	207-3 Stakeholder engagement and management of concerns related to tax	/
	207-4 Country-by-country reporting	/
GRI 301: Materials 2016	301-1 Materials used by weight or volume	/
	301-2 Recycled input materials used	/
	301-3 Reclaimed products and their packaging materials	/
GRI 302: Energy 2016	302-1 Energy consumption within the organization	43
	302-2 Energy consumption outside of the organization	/

GRI STANDARD	DISCLOSURE	LOCATION
GRI 302: Energy 2016	302-3 Energy intensity	43
	302-4 Reduction of energy consumption	41
	302-5 Reductions in energy requirements of products and services	41
GRI 303: Water and Effluents 2018	303-1 Interactions with water as a shared resource	/
	303-2 Management of water discharge-related impacts	44
	303-3 Water withdrawal	44
	303-4 Water discharge	/
	303-5 Water consumption	44
GRI 305: Emissions 2016	305-1 Direct (Scope 1) GHG emissions	37
	305-2 Energy indirect (Scope 2) GHG emissions	37
	305-3 Other indirect (Scope 3) GHG emissions	/
	305-4 GHG emissions intensity	/
	305-5 Reduction of GHG emissions	37
	305-6 Emissions of ozone-depleting substances (ODS)	/
	305-7 Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	/
GRI 306: Waste 2020	306-1 Waste generation and significant waste-related impacts	/
	306-2 Management of significant waste-related impacts	/
	306-3 Waste generated	45
	306-4 Waste diverted from disposal	45
	306-5 Waste directed to disposal	45
GRI 308: Supplier Environmental Assessment 2016	308-1 New suppliers that were screened using environmental criteria	49
	308-2 Negative environmental impacts in the supply chain and actions taken	50

GRI STANDARD	DISCLOSURE	LOCATION
GRI 401: Employment 2016	401-1 New employee hires and employee turnover	61,99
	401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	64
	401-3 Parental leave	100
GRI 402: Labor/ Management Relations 2016	402-1 Minimum notice periods regarding operational changes	/
GRI 403: Occupational Health and Safety 2018	403-1 Occupational health and safety management system	72
	403-2 Hazard identification, risk assessment, and incident investigation	73
	403-3 Occupational health services	74
	403-4 Worker participation, consultation, and communication on occupational health and safety	73
	403-5 Worker training on occupational health and safety	73
	403-6 Promotion of worker health	74
	403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	74
	403-8 Workers covered by an occupational health and safety management system	/
	403-9 Work-related injuries	73
	403-10 Work-related ill health	/
GRI 404: Training and Education 2016	404-1 Average hours of training per year per employee	/
	404-2 Programs for upgrading employee skills and transition assistance programs	67
	404-3 Percentage of employees receiving regular performance and career development reviews	63
GRI 405: Diversity and Equal Opportunity 2016	405-1 Diversity of governance bodies and employees	/
	405-2 Ratio of basic salary and remuneration of women to men	/
GRI 406: Non-discrimination 2016	406-1 Incidents of discrimination and corrective actions taken	/

GRI STANDARD	DISCLOSURE	LOCATION
GRI 407: Freedom of Association and Collective Bargaining 2016	407-1 Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	/
GRI 408: Child Labor 2016	408-1 Operations and suppliers at significant risk for incidents of child labor	/
GRI 409: Forced or Compulsory Labor 2016	409-1 Operations and suppliers at significant risk for incidents of forced or compulsory labor	/
GRI 410: Security Practices 2016	410-1 Security personnel trained in human rights policies or procedures	/
GRI 411: Rights of Indigenous Peoples 2016	411-1 Incidents of violations involving rights of indigenous peoples	/
GRI 413: Local Communities 2016	413-1 Operations with local community engagement, impact assessments, and development programs	/
	413-2 Operations with significant actual and potential negative impacts on local communities	/
GRI 414: Supplier Social Assessment 2016	414-1 New suppliers that were screened using social criteria	49,50
	414-2 Negative social impacts in the supply chain and actions taken	49
GRI 415: Public Policy 2016	415-1 Political contributions	/
GRI 416: Customer Health and Safety 2016	416-1 Assessment of the health and safety impacts of product and service categories	/
	416-2 Incidents of non-compliance concerning the health and safety impacts of products and services	/
GRI 417: Marketing and Labeling 2016	417-1 Requirements for product and service information and labeling	/
	417-2 Incidents of non-compliance concerning product and service information and labeling	/
	417-3 Incidents of non-compliance concerning marketing communications	/
GRI 418: Customer Privacy 2016	418-1 Substantiated complaints concerning breaches of customer privacy and losses of customer data	/

Independent Assurance Statement



Independent Assurance Statement

Introduction

TÜV Rheinland (Shanghai) Co., Ltd., a member of TÜV Rheinland Group (hereinafter "TÜV Rheinland" or "We"), was entrusted by Beijing Hoyinn Technologies Co., Ltd. (hereinafter "Hoyinn" or "Company") to conduct an independent third-party assurance of its 2025 Sustainability Report (hereinafter "Report"). The Report disclosed Hoyinn's sustainability information for the fiscal year 2025 (from 1 January 2025 to 31 December 2025).

Responsibilities

Hoyinn is not only responsible for the preparation of sustainability report and the collection and reporting of sustainability information in accordance with applicable reporting standards but also has the obligation to implement and maintain effective internal control of information and data to support the report compilation process.

TÜV Rheinland implements sustainability information assurance activities under a quality management system that complies with the requirements of the ISO/IEC 17029:2019 Standard and adheres to the TÜV Rheinland Global Code of Ethics and Compliance Program. Our assurance service follows the principles of independence and impartiality and does not participate in the preparation of the Report of Hoyinn. The assurance project was implemented by a team with expertise and assurance experience in the corresponding sustainability issues. The role of TÜV Rheinland is to carry out independent assurance work in accordance with the assurance agreement and the agreed scope of assurance work, and to make independent and impartial professional judgments on sustainability reporting.

Assurance Standard

TÜV Rheinland undertook assurance work for the sustainability information disclosed in the Report of Hoyinn in accordance with the AccountAbility AA1000 Assurance Standard v3 (AA1000AS v3), Type-1 and Moderate level.

Assurance Objectives

The purpose of the assurance was to provide management of Hoyinn and its stakeholders concerned with the company's sustainability information and performance with an independent view of the assurance, including that we review and assess the content of the report adherence to the AA1000AP (2018) Assurance Principles (including inclusivity, materiality, responsiveness and impact).

Assurance Criteria

The following assessment criteria (including reporting frameworks or standards) were also used in undertaking the work:

- GRI Sustainability Reporting Standards (GRI Standards) of Global Sustainability Standards Board (GSSB)
- Ministry of Finance of China's Corporate Sustainability Disclosure Standards — Basic Standards (Trial) and Corporate Sustainability Disclosure Standard No. 1 — Climate (Trial)
- IFRS Sustainability Disclosure Standard No. 1 — General Requirements for Sustainability-Related Financial Information Disclosure, and IFRS Sustainability Disclosure Standard No. 2 — Climate-related Disclosures of International Sustainability Standards Board (ISSB)
- United Nations Sustainable Development Goals (UN SDGs)
- Adherence to the AA1000AP AccountAbility Principles, i.e., *Inclusivity, Materiality, Responsiveness, and Impact*

Methodology

Our assurance activities and procedures include:



- Inquiring management to understand the company's business and reporting processes, including sustainability strategy, philosophy and management.
- Interviewing relevant executive personnel in key functions to understand and assess the processes, systems and controls related to sustainability management, including key management procedures, stakeholder engagement processes, topic materiality assessment processes, impact assessments, etc.
- Assessing available performance information based on sampling principles and document review.
- Collecting and inspecting supporting evidence to assess the extent to which relevant disclosures within the scope of the assurance engagement and sustainability reporting support and adherence to AA1000AP assurance principles.
- Reporting assurance observations or recommendations to give the company's management an opportunity to correct errors before the assurance process is completed.

Limitations

TÜV Rheinland planned and executed the verification in accordance with the scope of the assurance agreed upon and obtained evidence information and necessary explanations to provide the basis for the conclusion of the assurance in accordance with the moderate level of AA1000AS v3. The nature and extent (scope) of the procedures involved in moderate level assurance engagement are lower than those required to obtain high level assurance.

Forward-looking information relates to events and actions that have not yet occurred and may never occur. Actual results are likely to be different because expected events often do not occur as expected. We did not guarantee the availability of forward-looking information.

The information and performance relating to the assurance is limited to the disclosure of the contents of this Report. Our assurance work did neither include financial report and its financial data, nor cover other information not related to the subject matters of sustainability and beyond the scope of the assurance.

Conclusions

Based on the above assurance procedures and methodology performed and the evidence obtained, we conclude that there are no instances or information that would be contrary to the following statements:

- Hoyinn's 2025 Sustainability Report and its contents are in adherence to the AA1000AP AccountAbility Principles.
- Evidence of the use of relevant processes, systems and controls, and available performance information has been reviewed and assessed, and can reflect sustainability practices of the Company.

TÜV Rheinland shall not bear any liability or responsibility to a third party for perception and decision on Hoyinn based on this Assurance Statement.

Adherence to the AA1000AP AccountAbility Principles

Inclusivity

Key stakeholder groups identified by Hoyinn included governments and regulatory agencies, shareholders and investors, customers, suppliers and partners, company employees, as well as communities and the public. Through daily business activities, the Company communicated and dialogued with stakeholders on sustainability issues, and paid attention to their expectations and demands. We recommend that Hoyinn build a systematic stakeholder engagement strategy and measure the effectiveness of the engagement.

Materiality

Hoyinn conducted an analysis of double materiality topics, evaluating and prioritizing identified topics from two dimensions: "impact materiality" and "financial materiality," combined with policy requirements, industry concerns, and frontier trend research. The topic matrix demonstrated double material issues, including but not limited to product quality and safety, customer rights protection, information security and privacy protection, energy utilization, etc., and it aligned well with the company's sustainability management priorities.

Responsiveness

Hoyinn's communication channels with stakeholders are diverse, mainly including customer service, supplier review



and collaboration, employee training, and appeal mechanisms. This Report disclosed historical quantitative data on key performance indicators (such as greenhouse gas emissions, energy use, water resources, employee employment and diversity (including turnover rates), occupational safety, etc.), to respond promptly significant concerns of its stakeholders.

Impact

Hoyinn conducted impact analyses on material issues (such as response to climate change) and assessed related risks and opportunities. The Company integrated key processes such as operational management and compliance management, as well as internal control mechanisms, to manage potential major risks.

Daniel Pan

Technical Manager of Corporate Sustainability Services
TÜV Rheinland (Shanghai) Co., Ltd
Shanghai, China, 1 September 2026



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000-555/V3-HG4CV

Reader Feedback Form

Dear Reader,

Thank you for reading the *Hoyinn 2025 Sustainability Report*. To enhance the quality of this Report and provide more valuable information to you and other stakeholders, we sincerely invite your valuable feedback and suggestions. We look forward to your response.

1. Which of the following Stakeholder categories do you belong to?

Government and Regulatory Authorities

Shareholders and Investors

Suppliers and Partners

Company Employees

Community and the Public

Customers

Other: _____

2. In your opinion, does this Report fully reflect Hoyinn's performance in environmental, social, and governance aspects?

Yes

Fair

No

3. In your opinion, does this Report fully address the expectations and requirements of Hoyinn's stakeholders?

Yes

Fair

No

4. In your opinion, is the quantitative information disclosed in this Report objective, accurate, and effective?

Yes

Fair

No

5. In your opinion, is the text in this Report clearly structured and easy to understand?

Yes

Fair

No

6. In your opinion, does the layout and design of this Report help you understand the relevant information?

Yes

Fair

No

7. Content you would like to see that was not disclosed in this Report:

8. What other comments or suggestions do you have for Hoyinn's ESG management and its ESG report?

