



2024 Sustainability Report

YINGLI ENERGY DEVELOPMENT CO., LTD.



英利能源发展有限公司

Yingli Energy Development Co., Ltd.

地址 / 河北省保定市高新区向阳北大街2599号
No. 2599, Xiangyang North Street, gaoxin Zone,
Baoding City, Hebei 071000

电话 / +86 0312 8929996 +86 0312 8929990

网址 / www.yinglisolar.com



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About This Report

Executive Summary

This Report is the 2024 Sustainability Report released by Yingli Energy Development Co., Ltd. (hereinafter referred to as "Yingli Solar", "the Company", or "we"). The Report comprehensively showcases the Company's concepts and practices in sustainable development, as well as the key progress made in 2024, aiming to enhance communication and engagement with internal and external stakeholders. Following the principles of objectivity, standardization, transparency, and comprehensiveness, this Report focuses on disclosing the Company's achievements and performance in the environmental, social, and governance (ESG) domains.

Scope of this Report

Unless otherwise specified, the scope of this report includes Yingli Energy Development Co., Ltd. and its major domestic and international subsidiaries and offices, encompassing the Tianjin, Hengshui, and Lixian Bases.

Yingli Energy Development (Tianjin) Co., Ltd., located at No. 5 Haihang East Road, Ninghe Modern Industrial Park, Tianjin.

Yingli Energy Development (Hengshui) Co., Ltd., located at 969 Weishilu, High-tech Zone, Hengshui City, Hebei Province.

Yingli Energy Development (Lixian) Co., Ltd., located at 655 High-tech Industrial Park, North Yongsheng Street, Lixian, Baoding City, Hebei Province.

Reporting period

This Sustainability Report of the Company is an annual report covering the period from January 1, 2024, to December 31, 2024 (referred to as the "Reporting Period"). To enhance comparability and forward-looking aspects, certain sections appropriately refer back to previous years.

Basis of Compilation

This Report is prepared with reference to the United Nations Sustainable Development Goals (UN SDGs) and the Global Reporting Initiative (GRI) Standards, while also proactively drawing insights from the relevant requirements of IFRS S2.

Data Source

The information and data disclosed in this Report are sourced from official documents, statistical reports, annual reports, and ESG practice cases compiled by Yingli Energy Development Co., Ltd. During the reporting period, adjustments in statistical methods for certain data have led to discrepancies with previous years' reports. Please refer to this Report for accurate information. Financial data in this Report is presented in Chinese yuan (CNY). In case of any inconsistencies with financial reports, the financial reports should be considered authoritative.

Approval Confirmation

This Report has been reviewed and approved by the Board of Directors and is being released concurrently with the annual report. The Board of Directors commits to supervising the content of the report, ensuring that there are no false records or misleading statements, and taking responsibility for the truthfulness, accuracy, and completeness of the content.

Report Acquisition

This Report is published in both Chinese and English. You can download an electronic version of this Report from Yingli Energy Development Co., Ltd.'s website (www.yinglisolar.com) and access more information. For further insights into our company, please browse the Company's website.

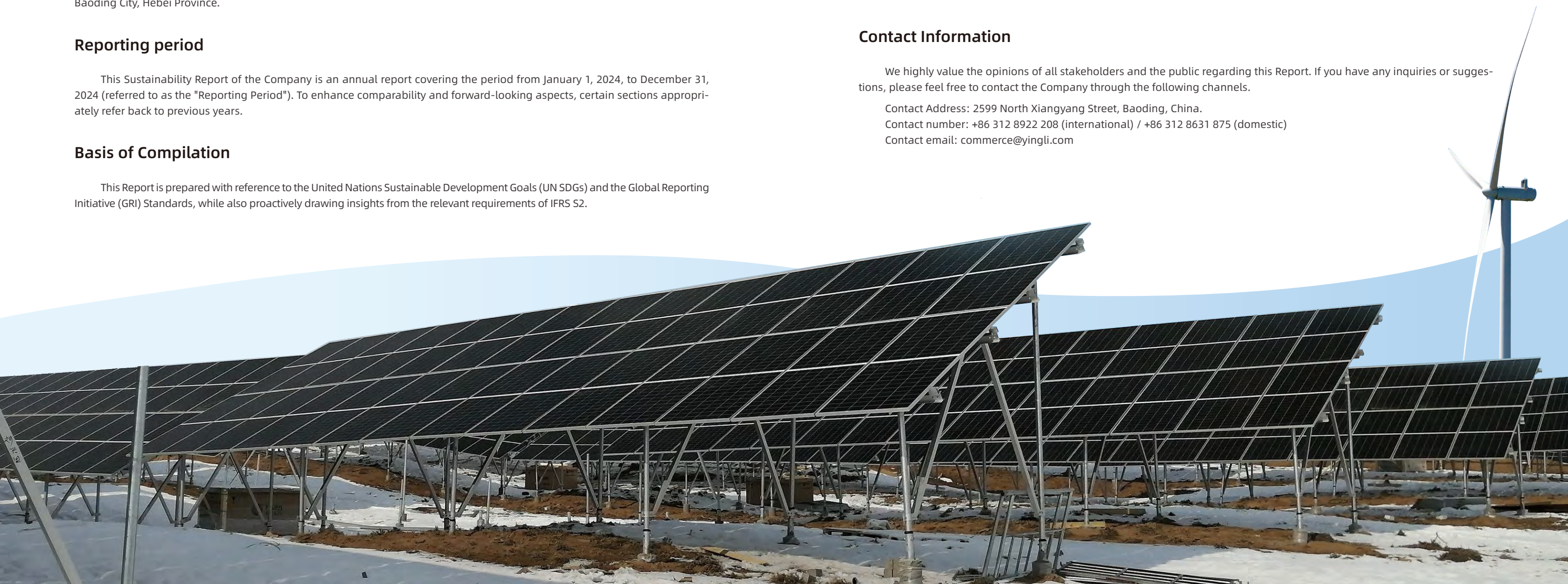
Contact Information

We highly value the opinions of all stakeholders and the public regarding this Report. If you have any inquiries or suggestions, please feel free to contact the Company through the following channels.

Contact Address: 2599 North Xiangyang Street, Baoding, China.

Contact number: +86 312 8922 208 (international) / +86 312 8631 875 (domestic)

Contact email: commerce@yingli.com



Chairman's Address



In 2024, a year marked by the accelerated global energy transition, Yingli Solar made advancements in the solar industry and upheld sustainable development principles. Guided by the mission of "Yingli Green Energy, Creating a Better Life," we drive progress through technological innovation, shoulder the responsibility of green development, achieve high-quality corporate growth, actively fulfill social responsibilities, and contribute to the establishment of a community of shared future for mankind.

With outstanding technological capabilities, Yingli Solar is driving the high-quality development of the photovoltaic industry. By continuously increasing research and development investment and leveraging five national-level scientific research innovation platforms, breakthroughs have been achieved in high-efficiency battery technologies such as TOPCon and HJT. Successfully delivering 1.25GW TOPCon modules to ACWA POWER, the Saudi International Power and Water Company, has contributed to the global energy's green transformation. Actively participating in the establishment of domestic and international standards, Yingli Solar has led or participated in the drafting of 145 standards, steadily enhancing China's photovoltaic industry's international influence.

With green smart manufacturing as the core, we are building a sustainable industrial ecosystem. Centered around the Beijing-Tianjin-Hebei region, we are establishing smart factories in Yunnan,

Ningxia, Anhui, Jiangsu, Jiangxi, and other areas, creating a nationwide green manufacturing system. Actively pursuing the "carbon peaking and carbon neutrality goal", we are integrating green development concepts throughout the entire production process, continuously reducing production energy consumption and carbon emissions, establishing a green supply chain, and leading the industry's green transformation.

Taking responsibility as our mission, we actively give back to society. We consistently prioritize a people-centered approach, providing employees with a safe and healthy work environment, creating a platform for career development, and facilitating mutual growth for employees and the Company. Engaging in social welfare initiatives, we contribute to areas such as education, environmental protection, and poverty alleviation, demonstrating our commitment to society through tangible actions.

Looking ahead, the global energy transition is an inevitable trend, and green development is a challenging journey. Yingli Solar will continue to uphold its core values of "reliability, delivery, growth, and sharing", guided by technological innovation, powered by green development, and taking responsibility seriously. We will collaborate with global partners to contribute more to achieving the "carbon peaking and carbon neutrality goal" and building a community of shared future for mankind.

Chairman: Yin Xulong

About Us

I Regarding Yingli Energy Development Co., Ltd.

Yingli Energy Development Co., Ltd. (referred to as "Yingli Solar") is one of the earliest domestic companies to enter the photovoltaic industry and a pioneer in N-type technology in China. Yingli Solar is a provider of photovoltaic smart energy solutions integrating photovoltaic technology research and development, intelligent manufacturing, and power station development, construction, and operation. It was ranked among the top ten in the industry for photovoltaic module shipments and bidding volume in 2023 and 2024. Since entering the photovoltaic industry in 1998, Yingli Solar has been committed to providing efficient and reliable green energy solutions to global users through technological innovation and intelligent manufacturing.

Yingli Solar has established a business development model integrating "innovation, technology, industry, and services", operating in over 150 countries and regions globally. The Company has multiple modern intelligent manufacturing bases in Baoding, Tianjin, and Hengshui in China, as well as service networks in Europe, Oceania, North America, Latin America, and Asia. Its cumulative photovoltaic module shipments have exceeded 80 GW.

As a leading industry technology innovator, Yingli Energy Development Co., Ltd. has always adhered to its corporate mission of "Yingli Green Energy, Creating a Better Life", viewing technological innovation as the core driving force for corporate development, continuously promoting sustainable development and green manufacturing.

Corporate culture

Yingli Energy Development Co., Ltd. consistently upholds a clear mission and ambitious vision, constructing a distinctive corporate culture system to provide strong internal impetus for the sustainable development of the Company. This culture motivates all employees to continuously strive for progress in the field of green energy, facilitating the Company's leading position in the international market.

Mission

Build a Green and
Beautiful Homeland
for All



Vision

To become a leading global
- green smart energy
technology company.



Enterprise Spirit

- Responsibility
- Tenacity
- Innovation
- High efficiency



Core Values

- Trust
- Delivery
- Growth
- Sharing



Innovation Journey

1998

Entered the field of photovoltaic, is one of the earliest enterprises in China to engage in the photovoltaic industry

1999

Undertake the national annual output of 3MW polycrystalline silicon solar cells and application system demonstration project

2009

First Chinese PV Company to Join PV CYCLE International Green PV Organization

2012

World's No. 1 in PV module shipments in 2012 and 2013
The first PV company in the world to receive TÜV Rheinland's carbon footprint certification

2016

Caught the supply of 50MW "Panda" products, built the world's largest bifacial power plant at that time led the development of the first cleaner production evaluation index system in the photovoltaic industry

2018

Approved as "National Technology Standard Innovation Base (PV)", "Panda" modules became the first products in the industry to pass the double-sided certification by CGC, UL and TÜV Rheinland

2022

RETc "Best of the Year" Award
Bloomberg New Energy Finance Tier 1 Module Manufacturer

2024

Listed as one of the "Top 500 Global New Energy Enterprises" and "Top 500 Chinese Energy Enterprises" for the first time



Yingli Solar's Double Materiality Matrix

Environmental topics	Social topics		Governance topics
Environmental management	Product quality	Occupational Health and Safety	Corporate governance
Resource management	Research and Development Innovation.	Employee training	Internal Control and Risk Management
Pollutant Emissions and Control	Customer service and satisfaction	Supply Chain Management	Business ethics
Green operations	Employee hiring and labor standards	Community engagement	Economic Performance and Taxation
	Employee grievance mechanism		Anti-corruption

Stakeholder engagement.

The Company places great emphasis on communication with stakeholders, establishing diverse communication channels to actively address feedback and suggestions from government and regulatory agencies, shareholders, employees, consumers, partners, communities, and other stakeholders. Through these channels, Yingli Solar ensures timely responses to stakeholders' expectations, collectively advancing sustainable development.

Stakeholders	Stakeholder expectations	Communication and Engagement Mechanisms
Government/regulatory agencies	<ul style="list-style-type: none">Compliance with laws and regulationsAdherence to national policiesAlignment with regulatory requirements	<ul style="list-style-type: none">egular reporting and communication with regulatory agenciesConduct annual audits and environmental assessmentsParticipate in policy interpretation sessions and industry conferences to stay abreast of government policy trends
Shareholder	<ul style="list-style-type: none">Sustainable investment valueOptimized corporate governanceContinuous performance growth	<ul style="list-style-type: none">Regularly convene shareholder meetings, providing detailed reports on Company operations and financial statusDisclose performance data and future development plans to shareholders through annual reports and financial analysisEstablish a shareholder feedback channel to promptly gather and respond to shareholder suggestions
Employees	<ul style="list-style-type: none">Ensure legal rights protectionFocus on career developmentProvide a favorable working environment	<ul style="list-style-type: none">Regularly conduct employee satisfaction surveysOrganize employee training and career development planning activitiesEstablish an employee grievance and feedback mechanism
Consumer	<ul style="list-style-type: none">Ensuring high-quality products and servicesSafeguarding customer rights and privacy	<ul style="list-style-type: none">Regularly understand consumer needs and opinions through customer satisfaction surveys and feedback channelsProvide an efficient after-sales service systemStrengthen product quality management
Partners/Suppliers	<ul style="list-style-type: none">Fair competitionMutual benefitAdherence to business ethics and social responsibility	<ul style="list-style-type: none">Implement transparent procurement to ensure suppliers participate in bidding in a fair and just environmentConduct regular supplier audits and evaluationsOrganize cooperative exchange meetings to promote long-term collaboration between both parties
Community stakeholders	<ul style="list-style-type: none">Participating in community developmentProtecting the ecological environmentPromoting social sustainability	<ul style="list-style-type: none">Actively engage in local public welfare projects and community developmentRegularly disclose the Company's actions in environmental protection and social responsibilityImplement energy conservation, emission reduction, and "three wastes" management
Media/Non-Governmental Organizations (NGOs)	<ul style="list-style-type: none">Enhancing transparency in information disclosureStrengthen the fulfillment of social responsibilities	<ul style="list-style-type: none">Timely communicate the latest actions and achievements of the Company in environmental protection, social responsibility, etc. through forms such as press conferences, media interactions, etcEstablish a comprehensive information disclosure mechanism

ESG Key Performance Indicators for the Year

Governance aspect

- > The proportion of female directors is **20**%.
- SA8000 certification was obtained.
- No commercial ethics reporting incidents occurred.
- No incidents of corruption or bribery occurred.

Environmental aspect

- > Photovoltaic electricity accounted for **11**% of the total electricity consumption of the Company.
- The total greenhouse gas emissions (Scope 1 + Scope 2) amounted to the equivalent of **75,046.56** metric tons of carbon dioxide.
- Lixian Base obtained Green Factory Management System certification.
- The average comprehensive electricity consumption of modules was **13,768** kWh/MWp, meeting industry standard requirements.

Social aspect

- > **22** supplier interview training sessions were conducted.
- No product recall incidents occurred.
- There were a total of **85** technical personnel.
- In 2024, the Company applied for **104** patents.
- The proportion of primary material suppliers holding ISO9001, ISO14001, and ISO45001 certification was **95**%.
- A customer satisfaction score of **96.17** points was achieved.
- Supplier audit coverage rate was **100**%.
- **100**% of suppliers have signed the Supplier Code of Conduct.
- Occupational safety training was organized for **399** participants, totaling **3,192** hours.



Annual Key Honors



French Carbon Footprint CRE4
Certification and PPE2 Certification

French Energy Regulatory Commission



2024 Green Light ESG Exemplary
Case "Top 10 Outstanding
Value Contribution List"

China Energy News, China Energy Economics
Research Institute, Green Climate Academy

2024 Green Light ESG Exemplary
Case "Exemplary Responsibility
Contribution List TOP10"



Comprehensive
Excellence Award

RETC



Top-tier Photovoltaic
Brand Award

EUPD



Global leader in solar photovoltaic
module manufacturing

PVEL



Mohe Outdoor Empirical Best Quality
Award in Extreme Cold Climate

China Building Material Test
& Certification Group



2024 Outstanding
Photovoltaic Enterprise

2024 World Solar Photovoltaic & Energy Storage Industry Expo



2024 Top-tier Photovoltaic
Module Enterprises



Annual Impactful Photovoltaic
Module Brand Award

Polaris Solar Photovoltaic Website



Influential Case Studies
of Photovoltaic Applications
in Enterprises



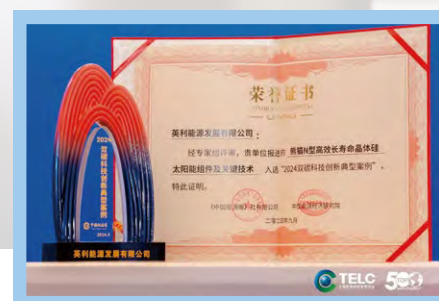
Top 10 Photovoltaic Module
Brands of the Year

International Energy Network/
State Grid Energy Research Institute



Global Top 500 New Energy Enterprises

China Energy News, China Energy Economics Research Institute



Dual Carbon Technology Innovation Typical Case



Most influential photovoltaic module enterprise



Most Influential Scene-Based Products

Solis PV Network

01

Robust Governance as the Foundation of Sustainable Development

Yingli Solar consistently upholds robust corporate governance as a core principle to ensure sustainable development. The Company strictly adheres to the Company Law and relevant regulations, continuously optimizes its governance structure, strengthens internal control management, enhances risk prevention and control capabilities, thereby providing a solid foundation for the Company's steady growth.

Key Issues

- Corporate governance
- Internal Control and Risk Management
- Business ethics
- Economic Performance and Taxation
- Anti-corruption

Performance/Achievement Highlights

- 20% Female Board Members
- Obtained SA8000 Certification
- No reported incidents of business ethics violations or corruption in 2024

Aligning with the United Nations Sustainable Development Goals

Integrity in the Business Environment

To ensure the continuous adherence to compliance and integrity in overseas operations and daily business practices, Yingli Solar places great importance on the establishment and enhancement of a compliance management system. The Company safeguards the legality of international operations, the compliance of financial work, and the steady progress of integrity building through a series of effective compliance measures.

Compliance Governancet

Yingli Solar actively engaged in drafting and revising cooperation agreements with international sales companies and ACWA to ensure the legality and compliance of the agreements. Additionally, the Company restructured and liquidated the former YGE overseas structure company to ensure the effective recovery of receivables for Yingli Solar Spain, Yingli Solar Japan, and Yingli Solar Australia. To address public relations issues in Pakistan, Yingli Solar eliminated the negative impact of unfavorable intermediaries on the Company and optimized the workflows of Yingli Solar Spain, Yingli Solar USA, and relevant domestic operations. The Company also enhanced risk assessment and performance monitoring of key transaction contracts, standardized authorization, trademarks, and warranty-related matters. Furthermore, Yingli Solar actively participated in establishing overseas subsidiary platforms, ensuring compliance in overseas supply chain operations, and selecting foreign law firms, ensuring that each task is conducted within a compliant framework.

To enhance overall compliance and governance standards, Yingli Solar conducted four financial internal audits in 2024. Each audit produced detailed reports focusing on the regularity of financial accounting, compliance of financial system processes, accuracy of accounting treatment for special transactions, and effective control of financial risks. Identified The potential financial operations issues identified were addressed through corrective actions. These audit activities not only strengthened financial management at Yingli Solar but also unearthed potential risks in operational activities, prompting timely risk alerts and corrective measures within the relevant departments.

Conducted financial
internal audits
4 times

Integrity in Business Operations

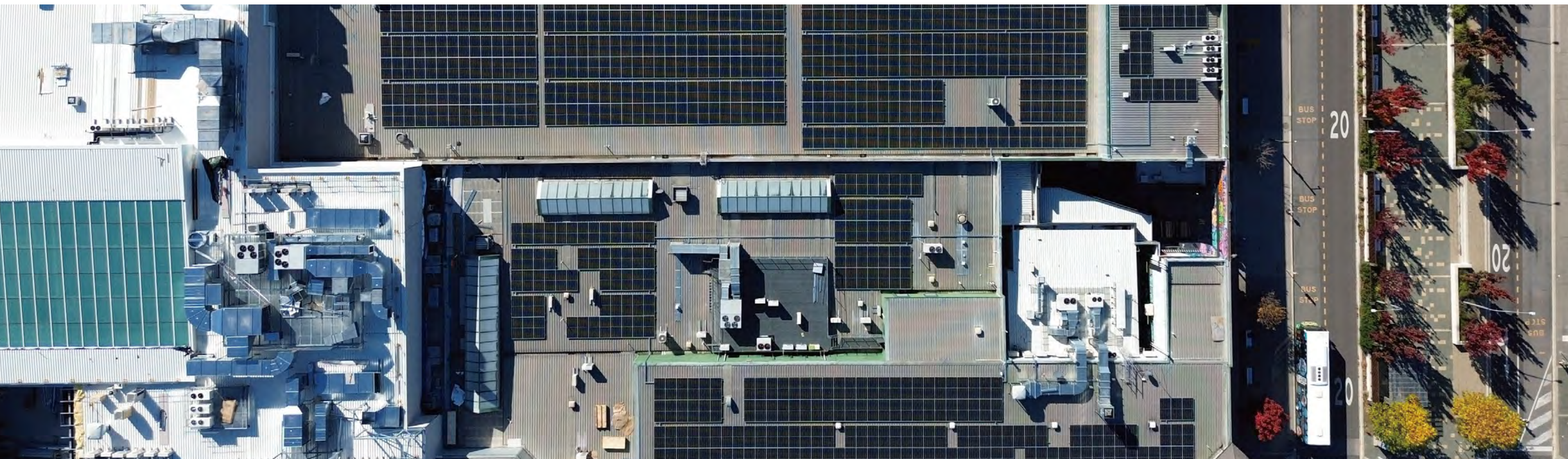
To further advance integrity construction and anti-corruption efforts, the Company has formulated and implemented the Discipline Inspection and Supervision Management System (Trial) overseen by the Internal Control and Compliance Department to carry out disciplinary inspections and administrative supervision functions. Through methods such as attending meetings, conducting investigations and research, and specialized supervisory inspections, the Internal Control and Compliance Department assists the Company in promoting integrity construction and enhancing the development of a culture of integrity.

- In 2024, Yingli Solar did not experience any reports of commercial ethics violations and had no incidents of corruption.
- The Company also conducted internal reviews across all workplaces to ensure strict compliance with regulatory requirements.



To maintain a clean and compliant working environment, the Company has established diverse reporting channels. These include reporting emails, hotlines, and an online reporting platform. Regular investigations are conducted on various cases. The reporting scope covers internal misconduct such as corruption, bribery, embezzlement, and other illegal activities, as well as negligence or dereliction of duty that may cause significant damage to the Company's reputation or finances. Additionally, for major accidents, emergencies, and reports received by the internal control and compliance department, the Company has implemented strict oversight mechanisms to ensure timely responses and effective measures are taken.

Yingli Solar has also established detailed codes of conduct for integrity, explicitly outlining specific standards and penalties for various behaviors such as violations of decision-making procedures, personnel management, financial management, procurement, contract management, marketing management, and material consumption. These guidelines provide clear behavioral standards for Company employees, enhancing overall compliance awareness across the organization.



02

Green Manufacturing to Paint a New Picture of Ecological Protection

Yingli Solar adheres to the green development concept, continuously optimizes its environmental management system, enhancing resource utilization efficiency, strictly controls emissions, and actively addresses climate change. The Company improves its management structure, deepens energy conservation and emission reduction measures, promotes green manufacturing, continuously enhances its sustainable development capabilities, and contributes to global energy transition.

Key Issues

- Environmental management
- Resource management
- Pollutant Emissions and Control
- Green operations

Performance/Achievement Highlights

- In 2024, successfully completed the ISO 14001 annual audit and optimized recommendations for audit improvements.
- In 2024, the Company had no environmental violations, with all water pollutants, air pollutants, and noise emissions meeting environmental requirements, ensuring controlled environmental safety.
- Established the Product Lifecycle Management Control Procedure, with products certified through green design, green supply chain, green factory, and carbon footprint certification, promoting the upgrade of low-carbon manufacturing.

Aligning with the United Nations Sustainable Development Goals



Comprehensive Environmental Management

Environmental Management Organizational Structure

The Company clearly defines the responsibilities of each department to ensure the effective operation of the management system. The Production Management Department is responsible for daily environmental affairs, identification and evaluation of environmental factors, assessing environmental risks and opportunities, and supervising the implementation of environmental management measures. The Company strictly complies with national environmental protection laws and regulations, improves the "three simultaneous" environmental procedures, and ensures that new construction, renovations, and expansions meet environmental requirements. In 2024, the Company successfully completed the environmental protection acceptance of Yingli Energy Development Co., Ltd.'s 1.3 GW high-efficiency component intelligent manufacturing project, while Lixian Base's 2.6 GW project obtained a pollution discharge registration receipt and completed the preparation of the acceptance report, expected to pass the environmental impact assessment next year. Additionally, the Company prepared an Emergency Response Plan for Environmental Emergencies, which was filed with the Ecological Environment Bureau to further strengthen environmental risk prevention and control capabilities. During the reporting period, all operational sites of the Company were not within ecologically redlined areas and did not harm biodiversity.



Environmental Management System Development

Yingli Solar adheres to the environmental management policy of "Yingli Solar Power, Low-carbon Green Energy, Strict Compliance with National Regulations," aiming to establish an efficient and standardized environmental management system to promote green and sustainable development. In accordance with GB/T24001 Environmental Management System Requirements and Guidelines, the Company has developed and implemented an Environmental/Occupational Health and Safety Management Manual and Environmental Management System to ensure the systematic and standardized environmental management.

The Company strictly implements the ISO 14001 Environmental Management System, covering its subsidiary companies, ensuring comprehensive environmental control from business operations to support processes. In 2024, the Company completed the annual audit of the ISO 14001 system, adjusted and optimized based on improvement suggestions raised during the audit process, ensuring the continuous improvement of the management system. Additionally, Lixian base assisted Yingli Solar HQ in achieving ISO 14001 Environmental Management System certification. The Company conducted internal and external audits of the environmental management system, identifying and rectifying deficiencies in the system documents to drive continuous improvement. Tianjin base organized two internal audits in 2024, identifying 42 and 48 issues in May and September respectively, and rectifying the identified issues. Furthermore, the Company successfully passed the Rhein TÜV system audit, ensuring that the management system complies with international standards.



Yingli Energy Development Co., Ltd.'s ISO 14001 Environmental Management System Certification



Yingli Energy Development (Hengshui) Co., Ltd. ISO 14001 Environmental Management System Certification



Yingli Energy Development (Lixian) Co., Ltd. ISO 14001 Environmental Management System Certification



Yingli Energy Development (Tianjin) Co., Ltd. ISO 14001 Environmental Management System Certification

Yingli Solar continues to enhance its environmental management practices, achieving significant results. In 2024, the Company had no environmental violations or incidents, maintaining compliance with emission standards and avoiding environmental accidents throughout the year. Additionally, Lixian Base successfully passed 11 on-site audits and compliance verifications, including assessments from PetroChina, Dutch customers, North German customers, Carbon Footprint Certification, and Green Factory Certification, ensuring the Company's products consistently meet international environmental standards.

Efficient Use of Energy and Resources

Yingli Solar is committed to enhancing energy efficiency, reducing resource consumption, and promoting sustainable development. The Company has established the Energy Management System of Yingli Energy Development Co., Ltd., which applies to both its headquarters and subsidiary companies. This system clearly defines the division of responsibilities, management requirements, and optimization measures for energy management. It covers various types of energy sources such as electricity and water resources. The system designates the Equipment Management Department to oversee overall energy management, while each subsidiary Company establishes specialized energy management positions to ensure effective implementation of energy management tasks.

Energy Conservation, Emission Reduction, and the Utilization of Clean Energy

In energy management, the Company rigorously controls energy consumption, allocates energy supply reasonably, and sets specific requirements for energy conservation, involving equipment operation, heating and cooling, lighting, and other aspects. Additionally, the Company has established a comprehensive energy metering system to ensure the accuracy of energy data, conducts regular energy statistical analysis, formulates energy-saving improvement measures, and continuously enhances its energy management level.

We actively promote the use of clean energy. Our subsidiaries, Tianjin Base, Hengshui Base, and Lixian Base, all utilize photovoltaic power generation and have signed photovoltaic power plant settlement agreements with Yingli China. By 2024, photovoltaic power accounted for 11% of the Company's total electricity consumption. Specifically, Tianjin Base accounted for 17%, Hengshui Base for 24%, and Lixian Base for 2%. This initiative effectively reduces reliance on traditional energy sources, decreases carbon emissions, and aligns with the direction of green and low-carbon development.

Photovoltaic electricity usage occupies

11 %

of the company's total electricity consumption.

Among this

Tianjin Development's photovoltaic electricity occupies

17 %

Hengshui Development occupies

24 %

Lixian Development occupies

2 %



In the process of energy management, the Company consistently conducts specialized analyses and strictly controls the energy consumption per unit product. In 2024, the average comprehensive electricity consumption per module of the Company was 13,768 kilowatt-hours/MWp, meeting industry standard requirements. Each subsidiary company adopts targeted management measures based on its own production characteristics to optimize energy efficiency.

The company's component average comprehensive electricity consumption

13,768 kWh /MWp

During the reporting period, Lixian Base integrated production load changes, strengthened the management of air conditioning and air compressor systems, optimized gas supply, reduced energy waste, resulting in an overall energy consumption per unit decrease of 3,062 kilowatt-hours/MW compared to 2023. Hengshui Base optimized the operation scheme of air compressor systems to reduce energy consumption while ensuring production gas supply and enhancing energy utilization efficiency. In terms of air conditioning and refrigeration, adjustments were made to the heat pump operation time, optimization of the fresh air system operation mode, and reduction of the cooling water circulation pump operation frequency. This led to a 30% decrease in electricity consumption per unit of the air conditioning system compared to 2023. Furthermore, Hengshui Base improved cooling tower management by increasing the water contact area, resulting in a 1-2°C decrease in cooling water temperature compared to the same period last year, reducing cooling tower fan operation and saving \$123,000 in electricity costs annually. Energy-saving technological upgrades are continuously progressing, ensuring stable operation of power equipment, and further strengthening energy patrols to continuously enhance energy utilization efficiency.

Overall energy consumption per unit decreased by

3,062 kWh /MW

compared to 2023

Air conditioning system electricity consumption decreased by

30 %

compared to 2023

Cooling water temperature dropped by

1-2 °C

compared to the same period last year

Annual electricity cost savings

RMB

123,000

Furthermore, the Company emphasizes resource management and strictly implements water and electricity conservation measures in daily operations. Each production base enhances staff environmental awareness and promotes energy-saving actions company-wide by displaying energy-saving labels. Hengshui Base will enhance environmental publicity and signage in the factory area in 2024 as required by the environmental protection bureau, including hazardous waste management signs, factory environmental information boards, pollution emission area signage, etc., to ensure the implementation of resource management measures.



Water Resource Management

The Company continues to advance water-saving technological upgrades to enhance water resource utilization efficiency. At the Hengshui Base, the cooling water system of air compressors has been transformed from traditional cooling towers to plate heat exchangers, resulting in an annual water cost saving of \$44,200. Additionally, optimizing the operation mode of large plate heat exchangers in winter has extended their runtime, further reducing energy consumption.

Annual water cost savings
RMB **44,200**

At the Lixian Base, the air compressor cooling water system has been revamped to utilize refrigeration machine chilled water for cooling, enabling the recycling of tap water and saving 4,000 tons of water per month while reducing cooling tower energy consumption. To enhance the overall efficiency of the refrigeration system, Lixian Base completed the first and second-phase refrigeration water pipeline interconnection upgrades, optimizing the process cooling water and laboratory cooling water systems, further reducing equipment operation requirements and saving a total of 1.31 million kilowatt-hours of electricity annually.

Monthly water savings
4,000 tonnes
Total annual electricity savings amount to
300,000 kwh

Circular Economy

The Company worked with its packaging and transportation management suppliers to promote the recycling of packaging materials and improve resource efficiency. It implements unified management and disassembly of wooden pallets, which are regularly recovered and reused by suppliers. Additionally, the Company established a mechanism for the reuse of raw material packaging boxes to increase packaging material recycling rates. For non-reusable packaging materials, the Company implemented a centralized processing to reduce waste generation. In terms of packaging materials, the Company advocates for the use of bulk packaging and iron drum packaging to reduce environmental pollution from plastic and minimize solid waste from small packaging. Furthermore, the Procurement Department collaborates with the Technical Management Department and Equipment Management Department to promote the application of paperless glass packaging, gradually phasing out mold-resistant paper to reduce packaging material consumption and environmental impact.

Yingli Solar places high importance on photovoltaic module recycling and clean production, continuously driving technological innovation and green manufacturing. The Company collaborates with Hebei University and other research institutions to jointly undertake national key R&D programs, focusing on green dismantling and environmentally friendly separation technologies for crystalline silicon photovoltaic modules. They have established the first domestically physical-based environmentally-friendly processing demonstration line with an annual processing capacity of 13.68 MW, achieving a quality recovery rate of 99.7%. The recovery rates for silver, silicon, and copper are 94.3%, 97.7%, and 97.1% respectively, providing technical assurance for efficient photovoltaic module recycling. The project has been successfully selected as one of the Ministry of Industry and Information Technology's third batch of intelligent photovoltaic pilot demonstration projects. During the reporting period, the Company continuously optimized production processes, including implementing the large ribbon busbar technology to enhance production line efficiency and adopting the no-pad technology to reduce material consumption, among four process improvements, further promoting the Company's efficient utilization of resources.

Annual processing capacity reaches
13.68 MW
Quality recovery rate achieves
99.7 %

Silver, silicon, and copper recovery rates are

Silver	94.3 %
Silicon	97.7 %
Copper	97.1 %

The Company has established a Product Lifecycle Management Control Procedure to manage the entire process of products from demand research, planning, market launch, tracking, to retirement, ensuring the environmental performance of products throughout their lifecycle. The Company's products have obtained Green Design Product Certification, Green Supply Chain Certification, Green Factory Certification, and completed Product Carbon Footprint Certification. By 2024, the Lixian Base factory has obtained Green Factory Management System Certification, further solidifying the Company's leading position in green manufacturing.



Strict Emissions Control

Yingli Solar strictly adheres to national and local environmental regulations, with each subsidiary establishing dedicated positions to ensure the effective implementation of environmental management systems. The Tianjin, Hengshui, and Lixian Bases regularly conduct environmental management activities, optimize pollution control facilities, strengthen emission control, and ensure the efficient operation of the governance system.

The Company continues to strengthen the maintenance of environmental governance equipment by conducting regular inspections, replacing activated carbon, and cleaning filter screens to ensure the stable operation of various pollution control facilities and reduce emission risks. Additionally, during the reporting period, the Company advanced the construction of the Full-City Battery Project wastewater station, with construction progress steadily advancing and equipment installation completion rate reaching 85%, laying the foundation for environmental compliance.

Equipment installation completion rate reaches

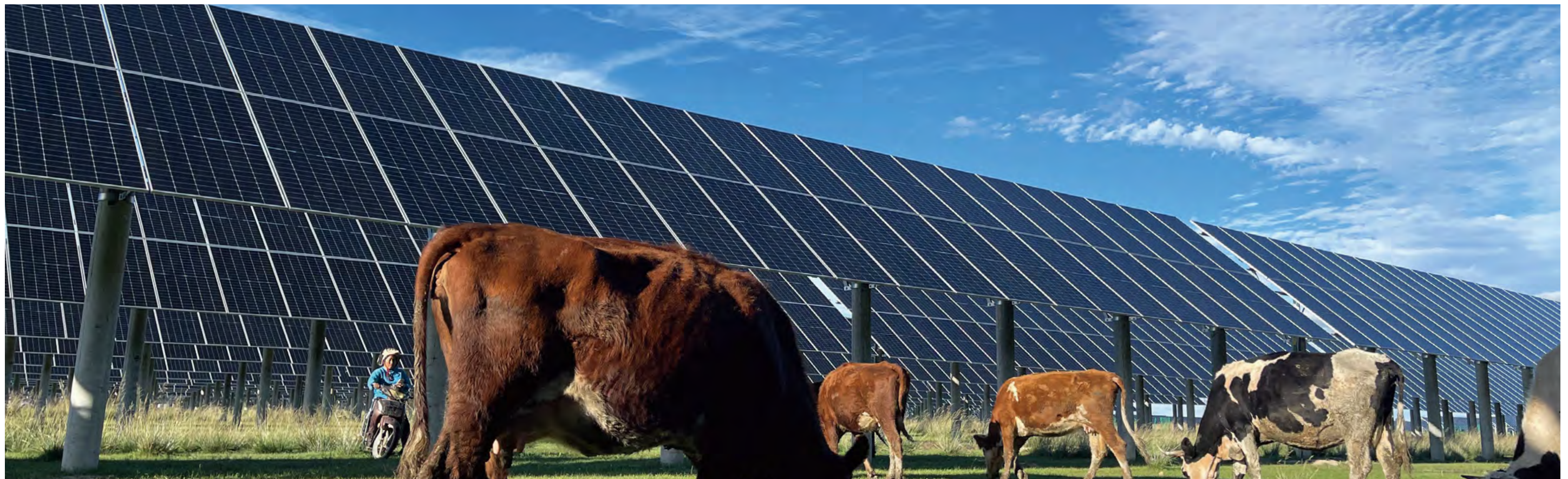
85%

Each base strictly adheres to the requirements for monitoring wastewater discharge. Lixian Base completed annual wastewater testing, with all results meeting environmental assessment requirements. They also conducted self-assessment and expert assessment on the hazardous waste management platform in accordance with Hebei Province's environmental protection management requirements, ensuring that all hazardous waste transfer information is reported and disposal consignment notes are obtained. Tianjin Base conducts quarterly wastewater testing in accordance with environmental assessment requirements to ensure that discharge data complies with environmental standards.

The Company strictly controls emissions. Hengshui Base conducts quarterly pollutant testing, while Tianjin Base monthly monitors boiler nitrogen oxide emissions, quarterly examines emissions, and biannually conducts VOCs special testing. All data complies with environmental standards. Faced with severe pollution weather, the Company optimizes emergency response mechanisms. Hengshui Base revises the emergency response emission reduction list based on the requirements of the ecological environment bureau and successfully applies for exemption for industrial sources in strategic emerging industries, ensuring both environmental compliance and stable business operations. In response to restricted driving requirements, the Company optimizes control over heavy-duty freight vehicles, adjusting the red alert stage driving restrictions from National IV to National V standards, effectively reducing pollution emissions in the transportation sector.

The Company strictly ensures the entire process of hazardous waste classification, storage, transfer, and disposal is compliant and controllable. In 2024, Lixian Base completed the annual hazardous waste management work, including the formulation, approval, and implementation of annual and monthly hazardous waste plans, and successfully passed the self-assessment and expert assessment on Hebei Province's hazardous waste management platform, with a qualified assessment result. Additionally, the Company completed hazardous waste transportation work as required throughout the year, with all data reported to Hebei Province's environmental protection management platform, obtaining hazardous waste disposal consignment notes to ensure traceable records throughout the process. Furthermore, Hengshui Base improved environmental protection publicity and signage within the factory area, updating hazardous waste management boards, factory environmental information boards, QR code environmental labels, and pollution emission area signs to enhance environmental awareness among employees and visitors, fostering a positive environmental management atmosphere.

In 2024, the Company achieved significant progress in emission control, with all water pollutants, air pollutants, and noise emissions meeting environmental requirements. Hazardous waste management was fully compliant throughout the process, with all transportation and disposal records traceable. Emergency response measures for severe pollution weather were effectively implemented, ensuring both environmental compliance and stable production operations.



03

Synergizing the Value Chain to Stimulate New Industrial Momentum

Yingli Solar has enhanced its competitiveness in the photovoltaic industry by deepening cooperation and innovation along the industry chain to promote green transformation and sustainable development. The Company continuously improves product quality, safeguards innovation outcomes, enhances customer service, and adheres to responsible procurement practices, laying a solid foundation for fostering collaboration and development along the industry chain.

Key Issues

- Product quality
- Research and Development Innovation
- Customer service and satisfaction
- Supply Chain Management

Performance/Achievement Highlights

- Organized EL inspector and positive inspection skills competition to enhance employees' inspection accuracy and professional capabilities during practical operations
- Successfully developed the PANDA3.0 series of high-power photovoltaic products, achieving a leap in module power from 585W to N-type 700W+
- Customer satisfaction score reached 96.17 points
- 95% of primary material suppliers obtained ISO9001, ISO14001, and ISO45001 system certifications

Aligning with the United Nations Sustainable Development Goals

Rigorous Product Quality Control

Yingli Solar consistently upholds the principle of "Quality first, Customer foremost," emphasizing stringent product quality control to deliver high-quality products and services. The Company has established a comprehensive quality management system covering all aspects from raw material procurement to product design, production, testing, and final delivery, ensuring strict quality control at every stage.

Quality Management System and Control Procedures

The Company has established a comprehensive quality management system based on the ISO 9001:2015 standard, covering aspects such as resource management, design and development, procurement, production monitoring, and non-conforming product control. By implementing a series of control procedures including Product Production Cycle Management Control Procedure, Design Development Control Procedure, Production and Service Provision Control Procedure, and Non-conforming Product Control Procedure, Yingli Solar ensures strict adherence to quality control requirements at every stage from product design to customer use. Additionally, the Company has a dedicated quality management department responsible for monthly data collection and analysis, and conducts monthly quality analysis meetings to summarize experiences and address areas for improvement.



Yingli Energy Development Co., Ltd. ISO 9001
Quality Management System Certification



Yingli Energy Development (Hengshui) Co., Ltd.
ISO 9001 Quality Management System Certification



Yingli Energy Development (Lixian) Co., Ltd.
ISO 9001 Quality Management System Certification



Yingli Energy Development (Tianjin) Co., Ltd. ISO 9001
Quality Management System Certification



To further enhance overall operational efficiency, Yingli Solar implements refined production management, focusing on optimizing each production process, refining production plans, enhancing equipment maintenance, and improving employee production skills. Through refined management, the Company not only increases production efficiency and reduces production costs but also strengthens product quality stability. Through this systematic management approach, the Company effectively ensures strict adherence to quality standards in each production process, enhancing transparency and quality control capabilities in the production process.

By the end of the reporting period, the Company has obtained multiple product certifications, reflecting its adherence to international quality standards. Simultaneously, the Company continues to optimize and improve its quality management system, promoting the refinement and standardization of quality management processes to ensure that each product meets customer expectations, thereby enhancing the Company's competitiveness in the industry.



TÜV Rheinland Basic Certification for N-type Dual-glass Modules (N-type 182, Rectangular Wafer, and 210 Series Power Expansion)



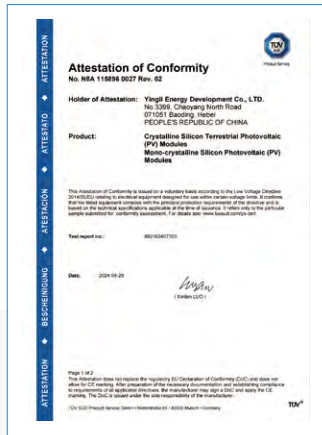
CQC Certification for N-type Dual-glass Series



TÜV SÜD LETID Certification for N-type Dual-glass Modules



UL Certification for N-type 182 Dual-glass Modules



TÜV SÜD CE Certification for N-type Dual-glass Modules



PCCC Certification for N-type Dual-glass Modules



TÜV SÜD Basic Certification for N-type Dual-glass Modules



TÜV SÜD PID Certification for N-type Dual-glass Modules



TÜV SÜD Sand and Dust Resistance Certification for N-type Dual-glass Modules



TÜV SÜD Salt Mist and Ammonia Resistance Certification for N-type Dual-glass Modules



TÜV SÜD Dynamic Mechanical Load Certification for N-type Dual-glass Modules



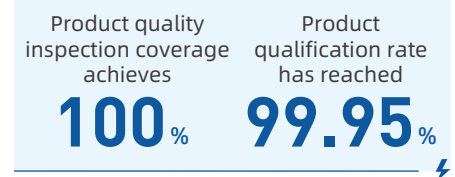
KS Certification (South Korea)

Quality Control and Inspection Standards

To ensure product quality, Yingli Solar has established clear quality standards for each stage, covering every aspect from raw material procurement to final product delivery. Raw materials must meet strict technical standards and material inspection specifications, while detailed inspection requirements are set for each production process. The Company conducts rigorous quality sampling and preventive testing before products leave the factory to ensure that each item meets the specified quality standards.

Yingli Solar implements strict traceability management throughout the product lifecycle. Upon the entry of all raw materials into the production process, the quality department is responsible for material identification and traceability to ensure that each batch of materials can be traced back to its source. During the production process, each batch of products is identified through production and inspection records, ensuring rapid traceability and resolution in case of quality issues. Upon passing final product inspection, a Product Factory Inspection Report is issued to customers to ensure that each product leaving the factory meets quality requirements.

In 2024, Yingli Solar achieved a product quality testing coverage of 100%, with a product qualification rate of 99.95%, which is significantly higher than previous years. This improvement reflects the Company's notable achievements in quality management and continuous improvement.



Quality Incident Management and Emergency Response

Yingli Solar has established the Quality Accident Emergency Response System and Non-conforming Product Control Procedure to address potential quality issues. In the event of a quality problem, the Company categorizes and reports it within 24 hours, promptly investigates and rectifies the issue based on its severity. Through clear assignment of responsibilities and emergency response procedures, the Company ensures swift and effective resolution of quality accidents, minimizing impact on customers and the Company. In 2024, there were no product recall incidents at the Company.



Employee Quality Awareness and Skill Enhancement

Yingli Solar places significant emphasis on cultivating employees' quality awareness and enhancing their skills. This is achieved through regular organization of quality knowledge training, skills competitions, and other activities to enhance employees' professional skills and sense of responsibility in the quality control process. In 2024, the Company held competitions for EL inspectors and front-end inspection skills to promote the improvement of employees' inspection accuracy and professional capabilities during practical operations. Furthermore, through regular quality training and specialized examinations, the Company ensures that all employees strictly adhere to quality standards in their daily work, maintaining a high level of quality awareness. In 2024, the Company conducted a total of 7 quality control training sessions covering all employees, ensuring that the quality management principles are deeply ingrained and integrated into employees' daily work routines.

Case Quality Awareness Enhancement Training at Yingli Energy Development (Lixian) Co., Ltd.

On November 29, 2024, Yingli Energy Development (Lixian) Co., Ltd.'s Quality and Technology Department organized a training activity to enhance the overall quality awareness of all employees. The training focused on key quality issues faced by the Company in its operations. It involved in-depth analysis of post-sales customer complaints, meticulous review of issues identified during production site inspections, and comprehensive evaluation of weak points in factory and goods inspections. Additionally, the training included a detailed analysis of quality risks discovered during production site inspections, emphasizing the importance and urgency of quality control at various stages, supported by practical examples. Following this training, employees' quality awareness significantly improved. They expressed their commitment to translating their learnings into practical actions, starting from their own positions, to ensure that every work process meets quality standards with higher criteria and stricter requirements, thereby contributing to the steady improvement of the Company's product quality.



Case Quality Month Activity at Yingli Energy Development (Hengshui) Co., Ltd.

On March 6, 2024, Yingli Energy Development (Hengshui) Co., Ltd. officially launched its Quality Month, focusing on quality internal control standards training. The Company organized company-wide quality knowledge training during this period. This training not only deepened the understanding of quality control standards for team leaders but also equipped them with more efficient implementation methods. As a result of this training, the team leaders significantly improved their capabilities in quality management, contributing to the enhancement of product and service quality throughout the workshop and the entire Company, thereby providing solid support for strengthening the Company's competitiveness.



Case Quality Management System Training at Yingli Energy Development (Tianjin) Co., Ltd.

On the morning of March 21, 2024, Yingli Solar Development (Tianjin) Co., Ltd. held a quality management system training session to enhance employees' awareness of quality management and promote the improvement of the Company's quality system. Through this training, middle managers, key staff, and internal auditors at the Tianjin Base gained a more systematic understanding of the quality management system, enhancing their ability to apply quality management principles and standards in their daily work. This will lay a solid foundation for the Company to further enhance its quality system and improve the quality of its products and services.



Protection of Innovation Achievements

Yingli Solar consistently regards technological innovation as the core driver of Company development, adhering to the principle of "technology first, innovation foremost." Through stringent management and well-established systems, the protection and application of innovative outcomes are ensured. The Company conducts research and development activities in accordance with the IEC 62941 and ISO 9001 standards and has formulated relevant internal management systems to ensure the standardization and systematization of the R&D process. The following outlines Yingli Solar's key initiatives in protecting innovative outcomes.

Research and Development Management and Innovation Mechanisms

Yingli Solar has established a series of internal management systems, including the "Design and Development Control Procedure," "Management Measures for the Introduction Test Process of New Materials at Yingli Solar Development Co., Ltd.," "Technical Support Management Measures at Yingli Solar Development Co., Ltd.," and "Technical Document Management Measures at Yingli Solar Development Co., Ltd.," to ensure the efficiency and standardization of its R&D activities. These systems regulate the entire process of product development and technological innovation, covering every stage from new product and technology design and development to commercialization. This ensures that new product and technological innovations meet market demands and drive the Company's continuous progress in the technological domain. The Company obtained an A+ certificate through the EasyPact knowledge innovation capability assessment, facilitated patent pledge financing, and achieved a patent valuation of 80 million RMB.

Patent valuation reaches **RMB 80 million**

Technical Team and Talent Support

Yingli Solar possesses a high-level research and development team consisting of 85 professional technical personnel who exhibit rich capabilities in technical research and innovation. The Company's technical management department covers various areas such as battery technology research and development, component technology research and development, photovoltaic technology laboratory, and research project management, ensuring the rapid transformation and efficient application of technological innovation outcomes. Furthermore, the Company provides incentive mechanisms for the technical team, encouraging active participation in technological innovation and intellectual property protection through the implementation of innovative projects, patent applications, and standard development.

Total Number of Technical Personnel	85	Recipient of the Hebei Province May 1st Labor Medal	1
PhD Holders	2	Second-tier Talent of the "333 Talent Project" in Hebei Province	2
Master's Degree Holders	34	Third-tier Talent of the "333 Talent Project" in Hebei Province	11
Bachelor's Degree Holders	45	Class A Talent under Hebei Province's Yanzhao Talent Program	2
Professor-level Senior Engineers	5	Class B Talent under Hebei Province's Yanzhao Talent Program	42
Senior Engineers	26	Outstanding Management Expert of Baoding City	2
Engineers	17	Young Leading Talent of Baoding City	2
Recipient of the National May 1st Labor Medal	1	Academic and Technical Leaders of Baoding City	11



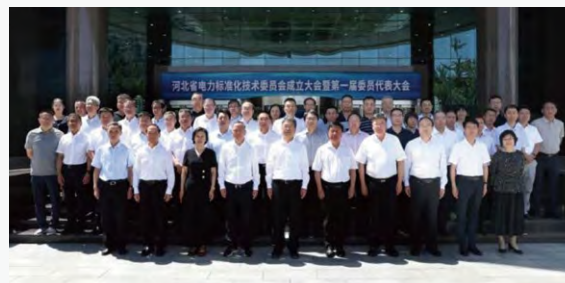
Industry Influence and Technology Standard Leadership

Yingli Solar actively engages in the establishment of technical standards and research within the photovoltaic industry, participating in the construction of the National Key Laboratory for Photovoltaic Materials and Cells, the National Energy Multi-Mode Industrial Energy Storage Technology R&D Center, and leading the establishment of the Hebei Province Technology Innovation Center. Through these platforms, the Company drives continuous innovation and development in photovoltaic technology, enhancing its leading technological position in the global photovoltaic industry.

May 8 - Yingli Solar attended the first 2024 working meeting of the Standardization Technical Committee of the China Photovoltaic Industry Association.



June 25 - Yingli Solar was invited to attend the Inaugural Meeting and the First General Assembly of Members of the Hebei Provincial Electric Power Standardization Technical Committee.



July 4 - Yingli Solar attended the second 2024 working meeting of the Cell Working Group under the Standardization Technical Committee of the China Photovoltaic Industry Association.



October 21-24 - Yingli Solar was invited to attend the 2024 Plenary and Working Group Meetings of the IEC/TC 82 (International Electrotechnical Commission Technical Committee on Solar Photovoltaic Energy Systems).



November 12-13 - Yingli Solar attended the Expert Seminar on the China Photovoltaic Industry Development Roadmap (2024-2025), organized by the China Photovoltaic Industry Association.



I Technology Research and Development and Product Innovation

The Company formulates R&D projects for new products, technologies, and processes based on industry development, market demands, quality, and after-sales information to ensure timely transformation of technological achievements into market competitiveness on an annual basis. In 2024, Yingli Solar successfully developed the PANDA 3.0 series of high-power photovoltaic products, achieving a leap in module power from 585W to N-type 700W+, with plans to further increase the power of this series to 720W+ in 2025. This innovation not only solidified the Company's leading position in the photovoltaic field but also drove continuous industry technological advancements.

Module power output has achieved a breakthrough
585_w ⇒ 700_{w+}
Plans to further increase the power of this product series to
720_{w+}
by 2025

Case

Low-loss, high-reliability encapsulation control technology for high-efficiency N-type photovoltaic modules with multiple busbars

Under the guidance of national policies, the application scenarios of photovoltaic products continue to expand, with distributed, desert, Gobi, desert, and marine environments becoming important application scenarios. Yingli Solar focuses on these diverse application scenarios and systematically researches high-reliability packaging technology for N-type TOPCon modules that urgently need to be overcome, aiming to address the bottleneck of long-term stable operation of photovoltaic modules in complex environments. This project revolves around key technical issues of low loss, high power, and reliable packaging of N-type photovoltaic modules, striving to break through the bottleneck of traditional products in terms of scenario adaptability and achieve efficient and stable operation of photovoltaic modules in various complex environmental conditions.

The project has completed the construction of a 650 MW annual production capacity high-integration, highly intelligent N-type TOPCon high-reliability photovoltaic module demonstration line, with module power reaching 600 W and gradually increasing. Following testing by international authoritative third-party organizations PVEL and RETC, the project's products rank among the industry leaders in efficiency, reliability, and electricity generation.



Deepening Customer Service

Yingli Solar consistently regards customer satisfaction as a crucial metric for Company operations and service quality. The Company is dedicated to enhancing customer satisfaction and trust by establishing a comprehensive customer service management system to provide efficient, professional, and all-encompassing support to customers.

Customer Complaint Handling and After-sales Service Management

Yingli Solar has implemented standardized processes and strict management systems in handling customer complaints. In accordance with the Customer Complaint Handling Control Procedure and the After-Sales Service Management Measures of Yingli Energy Development Co., Ltd., upon receiving a customer complaint, the Company promptly communicates with the customer to clarify the issues and potential resolution. Subsequently, relevant departments conduct feedback analysis, formulate improvement measures, and offer satisfactory solutions. The entire process follows a closed-loop management approach, ensuring traceability at each stage, thereby enhancing the efficiency and transparency of problem resolution.

In addition, Yingli Solar continuously optimizes its after-sales service system. The after-sales service for photovoltaic modules has reached a seven-star standard, complying with the requirements of standards such as GB/T36733-2018 General rules for service quality evaluation, GB/T27922-2011 Evaluation system for after-sales service of goods, and SB/T10962-2013 Evaluation system for service quality of commodity operating enterprises. The Company has established an online end-to-end customer service management system, enabling efficient management of every aspect from receiving customer needs, production system troubleshooting, technical investigation and analysis, problem improvement, to feedback results, thereby further enhancing the quality of customer service.

Yingli Solar significantly enhanced cross-departmental collaboration efficiency, reduced issue resolution time, and improved customer service quality through a well-established complaint handling process and customer service management system. In particular, after integrating the approval process into the OA system, communication between departments became smoother, leading to a notable increase in internal work efficiency and collaborative capabilities. The system's closed-loop management ensures complete traceability for every complaint or issue, providing customers with a more efficient and reliable service experience.



Customer Service Team and Collaboration Efficiency

Yingli Solar's customer service team is under the Company's Quality Management Department, with team members possessing a minimum of 6 years of experience in the photovoltaic industry. The team consists of a team leader and 13 members, all equipped with solid technical knowledge and extensive customer service experience. The Company has developed a specialized training program for customer service personnel to ensure continuous enhancement of technical skills and service levels, enabling them to effectively address diverse customer needs. In 2024, the Company conducted three customer service personnel training sessions with a total of 14 employees participating. The training received high satisfaction ratings, with attendees expressing deeper understanding and mastery of relevant knowledge, effectively enhancing the overall service capabilities of the team.

Customer Satisfaction Survey and Improvement

Yingli Solar conducts regular customer satisfaction surveys to enhance customer experience and service quality. Through the Customer Satisfaction Survey Control Procedure, every year the Company distributes surveys to customers covering aspects such as products, delivery, and services. In December 2024, the Company initiated a customer satisfaction survey with 43 clients, receiving 43 completed surveys. The customer satisfaction score was 96.17, reflecting the Company's outstanding performance in product quality, delivery services, and after-sales support.



Furthermore, Yingli Solar actively conducts station customer revisit services, proactively visiting large-scale stations and distributed customers to understand project power generation status and address customer inquiries. Through these visits, the Company assists customers in better system maintenance, reducing the impact of future product issues on customer revenue. Simultaneously, it further solidifies customer relationships, enhancing long-term satisfaction and loyalty. In 2024, Yingli Solar received 18 commendation letters from customers, reflecting not only the improvement in service quality but also the high recognition of the Company's problem-solving capabilities and service attitude by customers.



Sustainable Procurement

Yingli Solar consistently upholds the concept of sustainable development, actively promoting the construction of a green supply chain to ensure compliance and sustainability in the environmental, social, and governance (ESG) aspects of the supply chain.

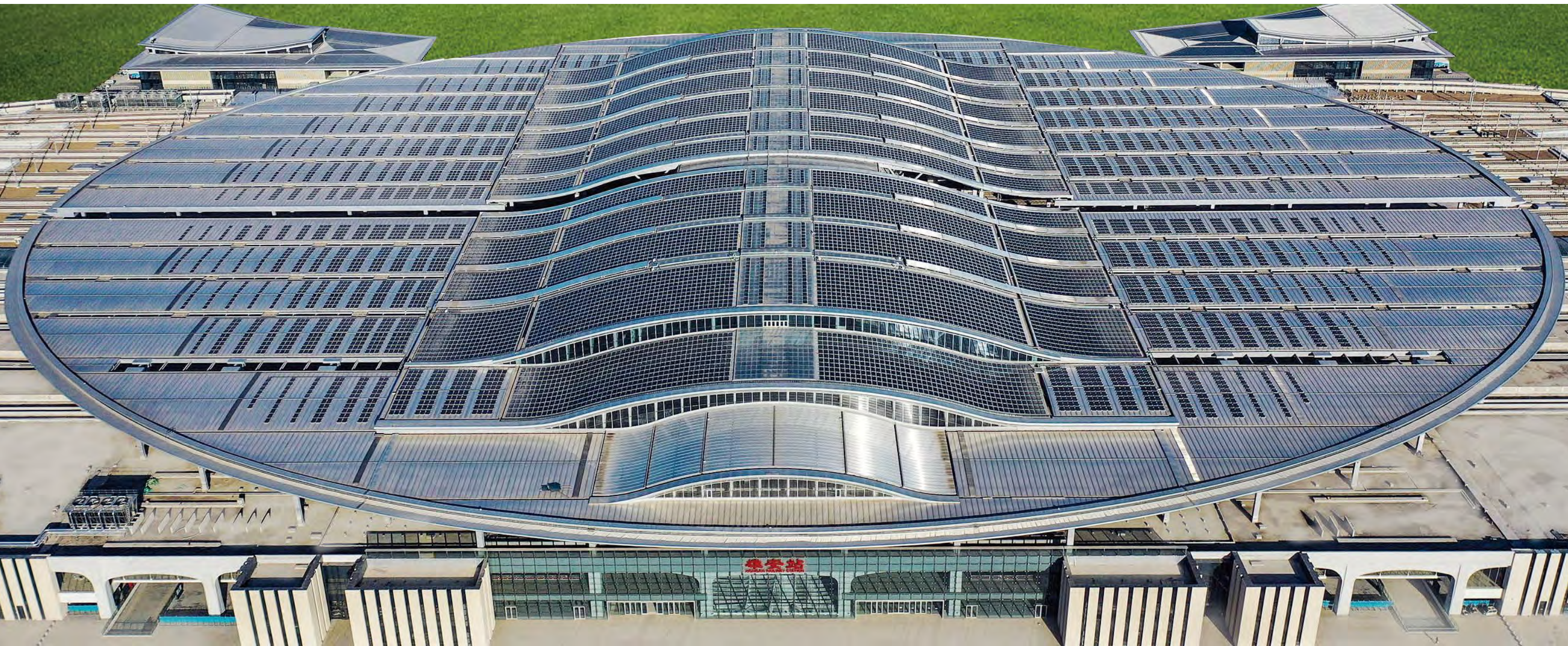
- In the environmental aspect, the Company mandates all suppliers to strictly adhere to environmental regulations, utilize sustainable materials and production methods to minimize carbon emissions and resource wastage. Additionally, the Company prioritizes environmentally compliant raw materials to reduce unnecessary resource consumption and promotes green procurement practices through stringent procurement processes. The tender procurement department evaluates suppliers not only based on product quality and cost factors but also places significant emphasis on the environmental impact of their production processes.

- In the societal aspect, the Company requires suppliers to respect labor rights, ensure legal and compliant labor conditions, eliminate child labor and forced labor, and safeguard employees' fundamental rights. To further enhance suppliers' social responsibility, the Company mandates key raw material suppliers sign the "Yingli Energy Development Co., Ltd. Supplier Social Responsibility Declaration" to ensure that partners comply with industry standards regarding the protection of employee rights.

- In terms of governance, the Company has established a strict supply chain management mechanism, requiring suppliers to adhere to business ethics standards, eliminate corrupt practices and illegal operations, and ensure transparency and compliance in the supply chain. The Company has signed a Supplier Code of Conduct with suppliers, outlining cooperation requirements, and requires suppliers to sign documents such as Conflict Minerals Non-Use Declaration and Integrity Commitment Letter to further reduce supply chain compliance risks.

During the reporting period, the Company had 100% of suppliers sign the Sustainable Procurement Charter and the Supplier Code of Conduct, further strengthening the sustainable supply chain management system, laying a solid foundation for the long-term stable development of the enterprise.

Achieved
100%
signing of sustainable
procurement
agreements by suppliers



Promoting Industrial Collaboration

Yingli Solar actively promotes collaboration among various stakeholders in the industry chain, working hand in hand with suppliers, customers, and industry partners to address challenges and drive technological innovation and green transformation. By strengthening cooperation, we enhance the efficiency of the industry chain, promote environmental protection and social responsibility implementation, and propel the sustainable development of the industry.

Case The 19th China (Jinan) International Solar Energy Utilization Conference and the 3rd China (Shandong) New Energy and Energy Storage Application Expo

The exhibition aimed to showcase the latest photovoltaic technologies and products, attracting numerous industry professionals and potential clients. Yingli Solar presented innovative products and technologies, thereby expanding its market influence.



Case SNEC 17th (2024) International Photovoltaic Power Generation and Smart Energy Exhibition & Conference in Shanghai

The exhibition focuses on technological innovation in the photovoltaic industry, providing a diverse platform for participating companies to showcase their products and technical solutions and offering opportunities for international cooperation. Yingli Solar held over 20 events during the exhibition, closely centered around the theme "Yingli Quality, Witnessing the Time." Through activities such as customer contract signings, third-party certifications, and product and brand upgrades, the company achieved strong brand promotion results.



Case Intersolar Europe

As one of the world's largest solar energy exhibitions, the event aims to showcase the latest solar products and technologies, attracting a wide range of industry participants. Yingli Solar utilized this opportunity to showcase its innovative products and collected over 500 pieces of valuable customer information.



Case 2024 Annual Photovoltaic Industry Conference

The conference focuses on the latest technologies and development trends in the solar industry, providing a platform for industry collaboration and communication. Yingli Solar actively promotes the dissemination and application of solar technology by participating in the conference and delivering keynote speeches.



Case Taiyuan Energy Low-carbon Development Forum

The Taiyuan Energy Low Carbon Development Forum focuses on low-carbon technologies and sustainable development, bringing together energy enterprises, academic experts, and policymakers to discuss low-carbon technologies, renewable energy development, and industrial cooperation to promote green energy development policies. Yingli Solar showcased innovative achievements in solar power generation and low-carbon technologies at the forum, shared the Company's experience in the renewable energy field, strengthened cooperation with the industry and government, and promoted the application and dissemination of low-carbon technologies.



04

Collective Commitment to Build a Harmonious Society

Yingli Solar consistently regards employees as a valuable asset, upholding a human-centric value system, and is committed to safeguarding the legitimate rights and interests of each employee. The Company complies with the laws and regulations of the countries and regions where it operates, providing a safe and healthy work environment and offering diverse opportunities for employee growth and development. We cultivate a harmonious, equal, and inclusive work atmosphere for employees, assisting them in achieving personal goals while fostering mutual growth with the Company and driving sustainable enterprise development. Additionally, Yingli Solar actively engages in philanthropy, advocates for social responsibility, fulfills corporate citizenship responsibilities, and strives to create a better future for employees and society.

Key Issues

- Employee hiring and labor standards
- Employee grievance mechanism
- Occupational Health and Safety
- Employee training
- Community engagement

Performance/Achievement Highlights

- Annual certification coverage for employees approximately 15%
- In 2024, a total of 45,144.9 training hours were conducted
- ISO 45001 certification for occupational health and safety management system obtained
- Zero accident mortality rate, no major fire, explosion, or safety incidents

Aligning with the United Nations Sustainable Development Goals



Supporting Employee Development

Yingli Solar consistently upholds the parallel advancement of employee growth and Company development, striving to provide ample development opportunities for employees through a multi-tiered training system. The Company actively enhances employees' personal qualities and career development through a well-established training management system and diverse employee communication and activities.

I Employee Training and Development

Yingli Solar places a high priority on talent development, establishing a comprehensive training management system aimed at enhancing employees' overall competencies through multidimensional training programs. The Company utilizes internal training documents such as the Training Management Measures, Cadre Development Plan, Key Talent Development Plan, and Frontline Staff Skills Training Plan to address the diverse needs of new employees, professionals, reserves, key personnel, as well as middle and senior management. Training methods include internal lectures, external guest speakers, external training, and practical exercises. The training curriculum encompasses management skills, general capabilities, and professional skills. Employees acquire job-relevant skills through in-person training, video learning, and on-site instruction.

■ In 2024,

the Company conducted a total of **45,144.9** hours of training,
with **5,662** participants trained throughout the year, averaging **30.5** hours per person.

Yingli Solar places a strong emphasis on integrating performance and talent development, where employees' monthly performance directly impacts their eligibility for promotion. Exceptional performers have the opportunity to enter the Company's talent pipeline. Employees who achieve an annual performance rating of 'A' become candidates for promotion or potential successors. Furthermore, the Company encourages employees to obtain job-related certifications such as technician, safety officer, quality inspector, and various other professional certifications. By 2024, approximately 15% of employees are expected to acquire relevant certifications.

Approximately
15%
of employees
obtained relevant
certifications

I Employee Communication and Engagement

Yingli Solar emphasizes establishing open and transparent channels of communication with employees to ensure their voices are heard and addressed promptly. The Company has established a labor union dedicated to organizing employee communication and activities. Whether concerning work environment, benefits, or specific work-related issues, the labor union actively monitors and ensures proper resolution of issues.

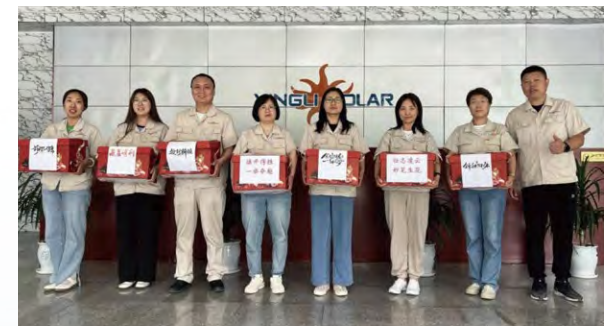
The Company regularly organizes diverse employee communication activities such as symposiums, employee training, and holiday greetings, aiming to promote interaction and communication among employees and enhance team cohesion. During the Spring Festival, Yingli Solar Development Co., Ltd. conveys care and warmth to employees and their families through distributing New Year goods and conducting condolence activities. Additionally, the Company organizes various festive events such as Women's Day flower arranging activities and employee health check-ups to enhance employee well-being and quality of life.



Pre-Spring Festival condolences to the families of expatriate employees



International Women's Day flower arranging event



Yingli Development Labor Union supports employees' children in college entrance examination



Yingli Development Labor Union Summer Coolness Series Event



Ensuring Occupational Health

Yingli Solar consistently regards occupational health as a crucial component of its sustainable development, striving to provide employees with a safe and healthy work environment. The Company implements various measures to ensure the physical health and safety of employees in all work activities and has established a sound occupational health management system.

Occupational Health

The Company and its various bases have formulated and implemented the Occupational Disease Hazard Prevention and Control Responsibility System, Occupational Hazard Protection Facility Maintenance and Inspection System, Regular Monitoring and Evaluation Management System for Occupational Hazards, Occupational Hazard Accident Handling and Reporting System, Workers' Occupational Health Monitoring and File Management System, Occupational Health and Safety, Labor Protection Control Procedures, Environmental and Occupational Health and Safety Monitoring and Control Procedures, and EHS Management Manual and other documents, continuously deepening the occupational health and safety management system and further strengthening its construction. Through the implementation of these systems, Yingli Solar has ensured effective control and prevention of health risks in the workplace. By 2024, the Company strictly complied with relevant national laws and regulations and has obtained ISO 45001 Occupational Health and Safety Management System certification.

The Company provides regular occupational health training for all employees, covering aspects such as health risk prevention and emergency response, ensuring employees can identify and prevent health risks in the workplace. In 2024, the Company organized occupational health and safety training for middle and senior management, enhancing the health management awareness and capabilities of the management team.



Occupational Health and Safety Training



Yingli Energy Development Co., Ltd.
ISO 45001 Occupational Health and Safety Management System Certification



Yingli Energy Development (Tianjin) Co., Ltd.
ISO 45001 Occupational Health and Safety Management System Certification



Yingli Energy Development (Lixian) Co., Ltd.
ISO 45001 Occupational Health and Safety Management System Certification



Yingli Energy Development (Hengshui) Co., Ltd.
ISO 45001 Occupational Health and Safety Management System Certification



I Safety Production

Yingli Solar consistently upholds the principle of "safety first," strictly adhering to relevant national regulations. The Company has established a comprehensive safety management system to achieve the goal of "zero accident mortality, no major fire, explosion, or safety incidents." It has formed a Safety Production Committee, appointed safety management personnel, developed and implemented the Safety Production Management System and EHS Management Manual, clearly defining safety responsibilities for each department and position to ensure compliance with safety standards at every level.

Yingli Solar conducts various safety measures regularly to ensure a safe production environment. The Company has developed a Safety Production Inspection Form and specialized safety inspection forms (electrical, fire, hazardous chemicals, etc.), established a Safety Hazard Inspection and Rectification Ledger and a Hazard Source Identification Form and List of Major Hazard Sources, conducts quarterly safety inspections to promptly identify and eliminate potential safety hazards. Additionally, emergency response plans and fire emergency drills have been formulated, employee Safety Education and Training Records have been established, and regular fire emergency drills and safety training are organized. In 2024, Yingli Solar organized occupational safety training for 399 individuals, totaling 3,192 hours.

■ In 2024,

- Yingli Solar organized occupational safety training for **399** individuals, totaling **3,192** hours.



Active Participation in Public Welfare

Yingli Solar consistently regards social welfare as a vital component of its corporate culture, striving to contribute to society through tangible actions. In 2024, the Company conducted various philanthropic activities, including agricultural assistance initiatives, Lei Feng volunteer services, and post-disaster reconstruction donations.

Case Alleviating Worries and Assisting Agricultural Production, Distributing Love through Vegetables

During the construction of the 5-gigawatt high-efficiency solar panel project in Mancang by Yingli Solar, it was discovered that Master Duan was facing difficulties in selling potatoes due to land expropriation within the project area. Upon learning of this situation, the Company promptly organized its employees to purchase over 1,200 pounds of potatoes from Master Duan at market price to help him overcome his practical difficulties. Yingli Solar Development Co., Ltd.'s labor union led the effort to have employees sort, package, and distribute these environmentally-friendly and uncontaminated "love potatoes" to the staff.



Case Lei Feng Volunteer Service Activity

In 2024, members and employees of Yingli Solar formed volunteer teams to clean the station of the 7th Bus Company in Baoding City.



Appendix

Key Performance Indicators

Environmental Indicators

Indicator	Unit	2024	2023	2022
Total Water Consumption	Ton	162,151	158,901	99,285
Water Consumption per Capita	Ton/Person	109.49	108.39	84.86
Purchased Electricity Consumption	10,000 kWh	7,359	7,027	5,456
Photovoltaic Power Consumption	10,000 kWh	779	722	580
Natural Gas Consumption	Cubic Meters	51,649	67,858	200,095
Purchased Steam (Low Pressure)	Ton	1003.05	1123.58	/
Wastewater Discharge	Ton	140,161	/	/
COD (Chemical Oxygen Demand)	Ton	29.36	/	/
BOD ₅ (Biochemical Oxygen Demand)	Ton	10.18	/	/
Ammonia Nitrogen	Ton	2.75	/	/
Nitrogen Oxides	Ton	0.00055	0.00063	/
VOCs (Volatile Organic Compounds)	Ton	2.56	4.12	0.45
Particulate Matter	Ton	0.25	0.19	0.092
Total General Waste Discharge	Ton	1,394	2,951.68 ¹	/
Total Hazardous Waste Discharge	Ton	17.35	41.62	12.22
Total Waste Recycled	Ton	0	0	/
Greenhouse Gas Emissions (Scope 1 & 2)	Ton CO ₂ Equivalent	75,046.56	71,939	58,367
Greenhouse Gas Emission Intensity (Scope 1 & 2)	Ton CO ₂ Equivalent/MW	16.27	15.32	17.96
Proportion of Operational Sites Assessed for Environmental Risks	%	100	100	100
Proportion of Employees Trained in Environmental Protection	%	100	100	100

Social Indicators

Indicator	Unit	2024	2023	2022
Total Number of Employees	Person	1,481	1,466	1,168
Full-time Employees	Person	1,481	1,466	1,168
Part-time Employees	Person	0	0	0
Mainland China Employees	Person	1,475	1,465	1,168
Employees from Hong Kong, Macau, Taiwan, and Overseas	Person	6	1	0
Proportion of Employees Aged 30 or Below	%	18.84	23.86	25.75
Proportion of Employees Aged 30-50	%	78.87	73.6	73.1
Proportion of Employees Aged Over 50	%	2.30	2.54	1.15
Proportion of Female Employees	%	30.59	31.65	32
Proportion of Female Senior Executives	%	17	17	17
Proportion of Minority Ethnic Employees	%	0.47	0	0
Proportion of Employees with Doctorate Degrees	%	0.2	0.14	0.17
Proportion of Employees with Master's Degrees	%	4.19	3.96	2.83
Proportion of Employees with Bachelor's Degree or Below	%	95.61	95.91	97
Number of Sales and Marketing Employees	Person	101	107	70
Number of Product Development Employees	Person	122	120	121
Number of Customer Service Employees	Person	34	40	35
Number of Administrative Employees	Person	31	31	27
Number of Newly Hired Female Employees	Person	19	123	13
Number of Newly Hired Male Employees	Person	67	261	12
Number of Newly Hired Graduates	Person	6	154	11
Number of Newly Hired Employees from Social Recruitment	Person	60	230	14
Employee Turnover Rate	%	10	3	18
Labor Contract Signing Rate	%	100	100	100
Employee Training Coverage Rate	%	100	95	95
Proportion of Male Employees Trained	%	100	95	90.85
Proportion of Female Employees Trained	%	100	95	77

¹Data estimated due to availability

■ Governance Indicators

Indicator	Unit	2024	2023	2022
Number of Supervisory Board Meetings	Time	0	0	/
Average Tenure of Supervisory Board Members	Year	3	2	/
Number of Directors on the Board	Person	5	5	/
Number of Board Meetings	Time	7	6	/
Average Tenure of Board Members	Year	3	2	/

Proportion of Senior Management Trained	%	100	100	/
Proportion of Middle Management Trained	%	100	100	/
Proportion of Frontline Employees Trained	%	100	95	/
Total Annual Training Hours	Hours	45,144.9	32,934.7	4,521.6
Proportion of Sites Conducting Employee Health and Safety Risk Assessment	%	100	100	100
Proportion of Employees Represented by Health and Safety Committees	%	100	100	100
Number of Days Lost Due to Work Injuries, Death, or Poor Health	Days	0	0	0
Number of Work-Related Accidents	Case	0	0	0
Coverage Rate of Sustainable Procurement Training	%	58.3	100	100
Number of Mainland China Suppliers	Count	55	53	33
Number of Suppliers in Northeast China	Count	1	1	0
Number of Suppliers in North China	Count	13	15	8
Number of Suppliers in East China	Count	32	30	21
Number of Suppliers in South China	Count	3	4	3
Number of Suppliers in Central China	Count	4	2	1
Number of Suppliers in Southwest China	Count	1	1	0
Number of Suppliers in Northwest China	Count	1	0	0
Number of Suppliers in Hong Kong, Macau, Taiwan, and Overseas	Count	0	0	0
Supply Chain Risk Event Statistics	Case	0	0	0
Number of Social Responsibility Trainings for Suppliers	Session	22	1	0
Proportion of Suppliers that Have Signed the Sustainable Procurement Charter	%	100	100	0
Proportion of Suppliers that Have Signed the Supplier Code of Conduct	%	100	100	100
Proportion of Suppliers that Have Undergone Social Responsibility Assessment	%	100	100	80
Proportion of Suppliers that Have Passed Social Responsibility On-site Audits	%	100	95	70
New Product Development Projects	Count	16	13	8
Number of Patent Applications	Item	104	159	95
Number of Patents Granted	Item	48	94	48
Cumulative Number of Patents Granted	Item	190	142	48

Report Index

Global Reporting Initiative (GRI) Standards 2021 - Sustainable Development Reporting Unified Standards

Yingli Energy Development Co., Ltd. has reported the information referenced in this GRI content index in accordance with the GRI Standards for the period from January 1, 2024, to December 31, 2024.

GRI Disclosure Content Index

GRI Standard	Disclosure	Topic	Chapter(s)
GRI 2: General Disclosures 2021	2-1	Organizational details	About This Report, About Us
	2-2	Entities included in the organization's sustainability reporting	
	2-3	Reporting period, frequency and contact point	
	2-4	Restatements of information	Not Applicable
	2-5	External assurance	Appendix
	2-6	Activities, value chain and other business relationships	About Us
	2-7	Employees	Safeguarding Employee Rights
	2-8	Workers who are not employees	Efficient Governance System
	2-9	Governance structure and composition	
	2-10	Nomination and selection of the highest governance body	
	2-11	Chair of the highest governance body	
	2-12	Role of the highest governance body in overseeing the management of impacts	
	2-13	Delegation of responsibility for managing impacts	ESG Management Practices
	2-14	Role of the highest governance body in sustainability reporting	
	2-15	Conflicts of interest	
	2-16	Communication of critical concerns	
	2-17	Collective knowledge of the highest governance body	Efficient Governance System
	2-18	Evaluation of the performance of the highest governance body	
	2-19	Remuneration policies	Safeguarding Employee Rights
	2-20	Process to determine remuneration	Incomplete Information
	2-21	Annual total compensation ratio	
	2-22	Statement on sustainable development strategy	

GRI 2: General Disclosures 2021	2-23	Policy commitments	Incomplete Information
	2-24	Embedding policy commitments	Incomplete Information
	2-25	Processes to remediate negative impacts	Incomplete Information
	2-26	Mechanisms for seeking advice and raising concerns	Incomplete Information
	2-27	Compliance with laws and regulations	Efficient Governance System
	2-28	Membership associations	Incomplete Information
	2-29	Approach to stakeholder engagement	ESG Management Practices
	2-30	Collective bargaining agreements	Incomplete Information
GRI 3: Material Topics 2021	3-1	Process to determine material topics	ESG Management Practices
	3-2	List of material topics	
	3-3	Management of material topics	
GRI 201: Economic Performance 2016	201-1	Direct economic value generated and distributed	Incomplete Information
	201-2	Financial implications and other risks and opportunities due to climate change	
	201-3	Defined benefit plan obligations and other retirement plans	
	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	Incomplete Information
	202-2	Proportion of senior management hired from the local community	
GRI 203: Indirect Economic Impacts 2016	203-1	Infrastructure investments and services supported	Protecting Innovation Achievements
	203-2	Significant indirect economic impacts	
GRI 204: Procurement Practices 2016	204-1	Proportion of spending on local suppliers	Responsible Procurement Practices
GRI 205: Anti-corruption 2016	205-1	Operations assessed for risks related to corruption	Integrity in Business Environment
	205-2	Communication and training about anti-corruption policies and procedures	
	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	Integrity in Business Environment
GRI 207: Tax 2019	207-1	Approach to tax	Refer to Annual Report
	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	Efficient Use of Energy and Resources
	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	Key Performance Indicators
	302-2	Energy consumption outside of the organization	
	302-3	Energy intensity	Efficient Use of Energy and Resources
	302-4	Reduction of energy consumption	
	302-5	Reductions in energy requirements of products and services	
GRI 303: Water and Effluents 2018	303-1	Interactions with water as a shared resource	Efficient Use of Energy and Resources
	303-2	Management of water discharge-related impacts	
	303-3	Water withdrawal	Key Performance Indicators
	303-4	Water discharge	
	303-5	Water consumption	
GRI 304: Biodiversity 2016	304-1	Operational sites owned, leased, managed in, or adjacent to protected areas and areas of high biodiversity value	Comprehensive Environmental Management
	304-2	Significant impacts of activities, products, and services on biodiversity	
	304-3	Habitats protected or restored	
	304-4	IUCN Red List species and national conservation list species with habitats in areas affected by operations	
GRI 305: Emissions 2016	305-1	Direct (Scope 1) GHG emissions	Key Performance Indicators
	305-2	Energy indirect (Scope 2) GHG emissions	
	305-3	Other indirect (Scope 3) GHG emissions	
	305-4	GHG emissions intensity	
	305-5	Reduction of GHG emissions	
	305-6	Emissions of ozone-depleting substances (ODS)	
	305-7	NOx, SOx, and other significant air emissions	
GRI 306: Waste 2020	306-1	Waste generation and significant waste-related impacts	Strict Emissions Management
	306-2	Management of significant waste-related impacts	
	306-3	Waste generated	
	306-4	Waste diverted from disposal	
	306-5	Waste directed to disposal	

GRI 308: Supplier Environmental Assessment 2016	308-1	New suppliers that were screened using environmental criteria	Responsible Procurement Practices
	308-2	Negative environmental impacts in the supply chain and actions taken	
GRI 401: Employment 2016	401-1	New employee hires and employee turnover	Protecting Employee Rights
	401-2	Benefits provided to full-time employees	
	401-3	Parental leave	
GRI 402: Labor/ Management Relations 2016	402-1	Minimum notice periods regarding operational changes	Incomplete Information
GRI 403: Occupational Health and Safety 2018	403-1	Occupational health and safety management system	Ensuring Occupational Health
	403-2	Hazard identification, risk assessment, and incident investigation	
	403-3	Occupational health services	
	403-4	Worker participation, consultation, and communication on occupational health and safety	
	403-5	Worker training on occupational health and safety	
	403-6	Promotion of worker health	
	403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	
	403-8	Workers covered by an occupational health and safety management system	
	403-9	Work-related injuries	
	403-10	Work-related ill health	
GRI 404: Training and Education 2016	404-1	Average hours of training per year per employee	KPI Table
	404-2	Programs for upgrading employee skills and transition assistance programs	Safeguarding Employee Rights
	404-3	Percentage of employees receiving regular performance and career development reviews	Incomplete Information
GRI 405: Diversity and Equal Opportunity 2016	405-1	Diversity of governance bodies and employees	Safeguarding Employee Rights
	405-2	Ratio of basic salary and remuneration of women to men	Incomplete Information
GRI 406: Non- discrimination 2016	406-1	Incidents of discrimination and corrective actions taken	Safeguarding Employee Rights
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	Safeguarding Employee Rights
GRI 408: Child Labor 2016	408-1	Operations and suppliers at significant risk for incidents of child labor	Safeguarding Employee Rights
GRI 409: Forced or Compulsory Labor 2016	409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labor	Safeguarding Employee Rights
GRI 410: Security Practices 2016	410-1	Security personnel trained in human rights policies or procedures	Not Applicable
GRI 411: Rights of Indigenous Peoples 2016	411-1	Incidents of violations involving rights of Indigenous peoples	Not Applicable
GRI 413: Local Communities 2016	413-1	Operations with local community engagement, impact assessments, and development programs	Incomplete Information
	413-2	Operations with significant actual and potential negative impacts on local communities	Incomplete Information

Reader Feedback Form

Dear Reader,

Greetings! Thank you for reading the Yingli Solar Development Co., Ltd. 2024 Annual Sustainability Report. In order to continuously improve our ESG efforts and enhance our ESG management capabilities, we highly value your feedback and suggestions.

We kindly ask you to answer the relevant questions in the feedback form and share your responses with us using the following contact methods:

Contact Address: 2599 Xiangyang North Street, Baoding, China

Phone: +86 312 8922 208 (International)

+86 312 8631 875 (China)

Email: commerce@yingli.com

Your Information :

Name _____

Organization _____

Phone Number _____

Email _____

Feedback _____

1.What is your overall evaluation of the Company’s ESG report?

☐Good ☐Fair ☐Average

2.2.Do you think this report reflects the significant impacts of the Company’s ESG issues?

☐Yes ☐Fair ☐Not Sure

3.How do you rate the clarity, accuracy, and completeness of the information and data disclosed in this report?

☐High ☐Fairly High ☐Average ☐Fairly Low ☐Low

4.What aspect of this report are you most satisfied with?

5.What additional information would you like to learn more about?

6.Do you have any suggestions for us regarding future reports?

Statement No: SRA 825653

Methodology

Our work was designed to gather evidence on which to base our conclusion.

We undertook the following activities:

- A top level review of issues raised by external parties that could be relevant to Yingli's policies to provide a check on the appropriateness of statements made in the Report.
- Discussion with senior executives on Yingli's approach to stakeholder engagement. We had no direct contact with external stakeholders during this assurance process.
- Interview with staff involved in sustainability management, report preparation and provision of report information.
- Review of key organizational developments.
- Review of supporting evidence for claims made in the Report, and
- An assessment of Yingli's reporting and management processes concerning reporting against the principles of Inclusivity, Materiality, Responsiveness and Impact as described in the AA1000 AccountAbility Principles 2018 Standard ("AA1000AP (2018)").

Conclusions

A review of the Report issued by Yingli against the AA1000AS V3 principles of Inclusivity, Materiality, Responsiveness and Impact, as well as the GRI Standards:2021 and the UN SDGs is set out below:

Based on the procedures performed and evidence obtained, nothing has come to our attention that causes us to believe that Inclusivity, Materiality, Responsiveness and Impact based on AA1000 criteria are not correctly addressed.

We considered Yingli has provided sufficient evidence supporting Yingli's self-declaration that the Report is prepared with reference to the GRI standards:2021 and United Nations Sustainable Development Goals (UN SDGs) is fairly stated and the Sustainability report is considered acceptable in meeting the principles as set out in AA1000AP (2018).

Assurance Level

The Type 1 Moderate Level of Assurance provided in our review is defined by the scope and methodology described in this statement.

Responsibilities

It is the responsibility of Yingli's senior management to ensure that the information being presented in the Report is accurate. Our responsibility is to provide an independent assurance opinion statement to stakeholders giving our professional opinion based on the scope and methodology described.

Ability and Independence

The assurance team was composed of Lead Assurer and Assurer, who are experienced in the industrial sector, and trained in a range of sustainability, environmental and social standards including GRI Series Standards, AA1000, HKEX ESG Reporting Guide, ISO 14064, ISO 14001, ISO 50001, ISO 45001, ISO 9001, etc. British Standards Institution is a leading global standards and assessment body founded in 1901. The assurance is carried out in line with the BSI Fair Trading Code of Practice.

Team Leader：Guozhong Sun