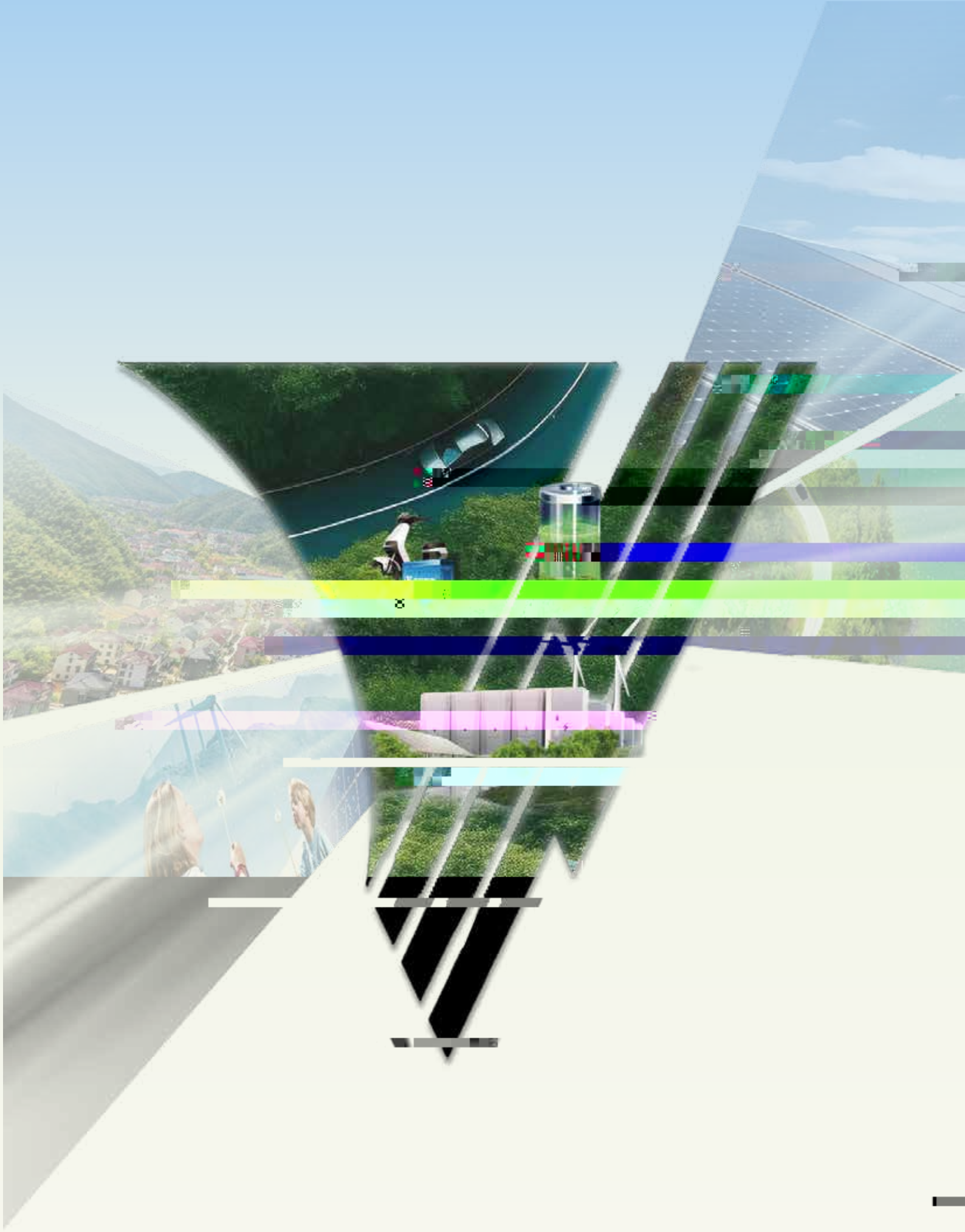


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Report Overview



About the Report

This report covers the environmental, social, and governance performance of Tianneng Power International Limited (the "Company") and its subsidiaries (collectively referred to as the "Group" or "Tianneng") for the period from January 1, 2024, to December 31, 2024. Certain sections may refer to data from prior years as necessary.



This report is the 11th Environmental, Social, and Governance (ESG) report prepared by the Group since 2014. The preparation of this report follows the principles outlined below.

Materiality: The Group values regular communication with internal and external stakeholders to identify and address material topics relevant to its operations. These topics encompass ESG matters that may have a significant impact on investors and other stakeholders, forming the core content of this report. Through this report, the Group demonstrates its strategies, initiatives, and achievements in these areas, helping stakeholders gain a comprehensive understanding of its sustainability practices.

Quantitative: Wherever possible, this report discloses key performance indicators in a quantitative manner to ensure transparency and comparability. The data presented is sourced from the Group's annual reports, official records, and statistical materials, primarily covering the year 2024, with some comparative data from previous years. Unless otherwise stated, all monetary amounts in this report are presented in RMB.

Balance: This report strives to provide an objective and fair reflection of the Group's ESG management performance. It highlights the achievements made in advancing sustainability while also acknowledging the challenges encountered.

Consistency: The report applies consistent disclosure and statistical methodologies to ensure the comparability of ESG information over time. It also provides meaningful analyses of data trends. By employing standardized methodologies and indicator frameworks, the Group systematically presents its long-term sustainability performance and trends.

Scope of the Report

This report covers the environmental, social, and governance performance of Tianneng Power International Limited (the "Company") and its subsidiaries (collectively referred to as the "Group" or "Tianneng") for the period from January 1, 2024, to December 31, 2024. Certain sections may refer to data from prior years as necessary.

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02



Sustainability Strategy



ESG
2024

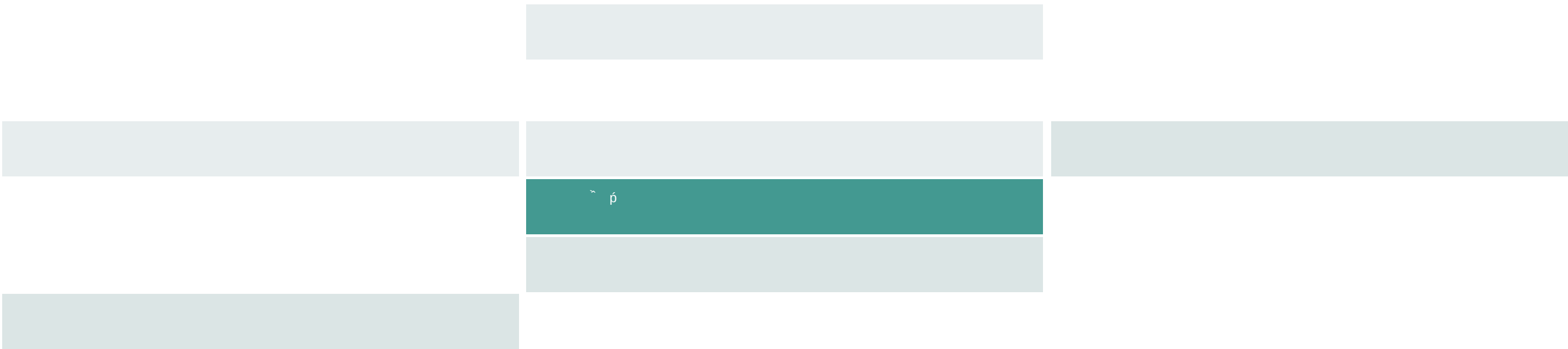
Company Overview
ESG Performance Highlights for the Year
Quantitative Performance Breakdown
2024 Honors Awards

ESG
ESG
ESG

ESG Philosophy and Vision
ESG Goal Management
ESG Governance System
Board Statement

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Stakeholder Engagement
Materiality Assessment



■ 2024 ឆ្នាំ ទទួលបាន វិញ្ញាបនបត្រ

Honours and Awards Received by the Group (Including Its Subsidiaries) in 2024

ក្រុមហ៊ុន	HKIRA	៧
MSCI	A	ESG
2024 ឆ្នាំ · ESG	ប្រភេទ	
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In 2024, the Group strengthened its regular communication mechanisms to ensure that stakeholder feedback is promptly reflected in management decisions. Through in-depth discussions with employees, shareholders, customers, and suppliers, we gathered valuable input on operations, social responsibility, and environmental protection, using these insights to optimize internal processes and enhance sustainability initiatives.

Furthermore, the Group remains committed to transparency and accountability by actively responding to stakeholder expectations. We reinforce this commitment through regular ESG disclosures and feedback mechanisms to ensure continuous improvement. We believe that efficient and responsive engagement not only enhances competitiveness but also strengthens stakeholder trust and support, driving the Group's long-term sustainable development.

Importance	Issues		Scope
Very Important	Compliance and Legal Operation Business Ethics and Anti-Corruption Risk Control and Internal Control Information Security and Privacy Protection Operating Performance and Financial Condition		Governance topics
	Employee Training and Development Occupational Health and Safety Product Quality and Safety Intelligent Manufacturing and Digitization Customer and Consumer Protection Sustainable Supply Chain Management		Social topics
	Environmental Management System Coping with Climate Change Clean Technology Opportunities Greenhouse Gas Emission Reduction Resource Conservation and Renewable Energy Utilization		Environment topics
Relatively Important	Corporate Governance Intellectual Property Protection ESG Governance		Governance topics
			Social topics
	Green Product Development Waste Management Hazardous Chemicals Management Environmental Protection Philosophy		Environment topics

03

Governance



Risk Management and Control

Information Security and Privacy Protection

Anti-Corruption and Business Ethics



Governance

Corporate Governance and Compliance

The Group adheres to the principles of “complying with laws to govern the enterprise and upholding integrity in business operations,” with integrity as its core value. We strictly comply with the Listing Rules and relevant laws and regulations, ensuring that our corporate governance meets the highest standards and protects the legitimate rights and interests of shareholders and stakeholders. At the same time, the Group focuses on integrating compliance with innovation, continuously optimizing management mechanisms, and promoting transparent, fair, and efficient governance.

The Board of Directors is responsible for making major decisions for the Group. It consists of nine members, including four independent non-executive directors. The main functions of the Board include reviewing and approving the company's strategy, assessing the internal control systems, and ensuring operational compliance. We hold regular Board meetings to ensure transparent decision-making, allowing directors to express their opinions fully and effectively supervise the management team. In 2024, the Board appointed a female

The Remuneration Committee is responsible for formulating and reviewing the remuneration policies for directors and senior management, ensuring that compensation arrangements are fair and reasonable, and advising on matters related to the remuneration of non-executive directors and stock option plans.

To ensure legal compliance, the Group employs professional legal advisors and has established an Internal Control and Legal Affairs Center and an Audit and Supervision Center to monitor operational decisions and internal control systems in real time. The Group also has a strict information disclosure system in place, ensuring the regular disclosure of reports and ad-hoc announcements to protect shareholders' legitimate rights.



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The Group's risk identification and assessment management process is described below.

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The internal control management department is responsible for organizing risk management-related training, which includes training sessions and seminars to promote risk management knowledge and enhance risk awareness. These training programs cover the business and decision-making processes across the Group and its subsidiaries, helping to foster a risk culture, improve the company's risk management capabilities, and enhance employee quality, thereby ensuring the achievement of management objectives.

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cleanliness education, including party activities, watching of warning films and thematic training, and inviting public security officers to participate in the training programs. Tianneng University has organized 85 training sessions on integrity education in 2024, including party day activities, warning film viewings and thematic training, inviting public security authorities to conduct on-site law enforcement demonstrations, and producing thematic warning films, thus creating a strong

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通過國家企業技術中心評估	3 家附屬公司
國家科技中小企業認證	1 家附屬公司
浙江省科技領先企業認證	2 家附屬公司
浙江省先進未來技術創新成就	1 項
浙江省高新企業研發中心認定	1 家附屬公司
浙江省科技中小企業認證	3 家附屬公司
浙江省創新中小企業認定	3 家附屬公司

2024 年 12 月 31 日	參與標準總數 265 項	As of December 31, 2024, the Group has participated in the formulation of 265 standards, including 4 international standards, 104 national standards, 51 industry standards, and 106 group standards.
其中：國際標準 4 項	國家標準 104 項	
行業標準 51 項	集團標準 106 項	

文化發展

Cultural Development

中秋節聯歡會

Mid-Autumn Festival Gala



今年 9 月，集團舉辦了「 Pursuing Passion · Dreaming Together 追夢同行」中秋聯歡會，邀請了選定的員工、家屬代表及新川村委會成員參加慶祝活動。大家共賞明月，同享團圓之喜。此活動充分展示了天能的家文化，將「小家庭」融入「大家庭」。向前邁進，天能人將繼續攜手並進，為追求更好的生活及達成共同目標而努力。

五一勞動節及五四青年節表彰大會

Labor Day & Youth Day Commendation Conference



4 月，集團舉辦了「致敬奮鬥者，引領前行者」——五一勞動節及五四青年節表彰大會，為集團的奮鬥者提供了一個推動改革和創新、人才賦能、實踐成就的平台。此活動作為一個強勁的文化及人才基礎，以支持集團的高質量及可持續發展。

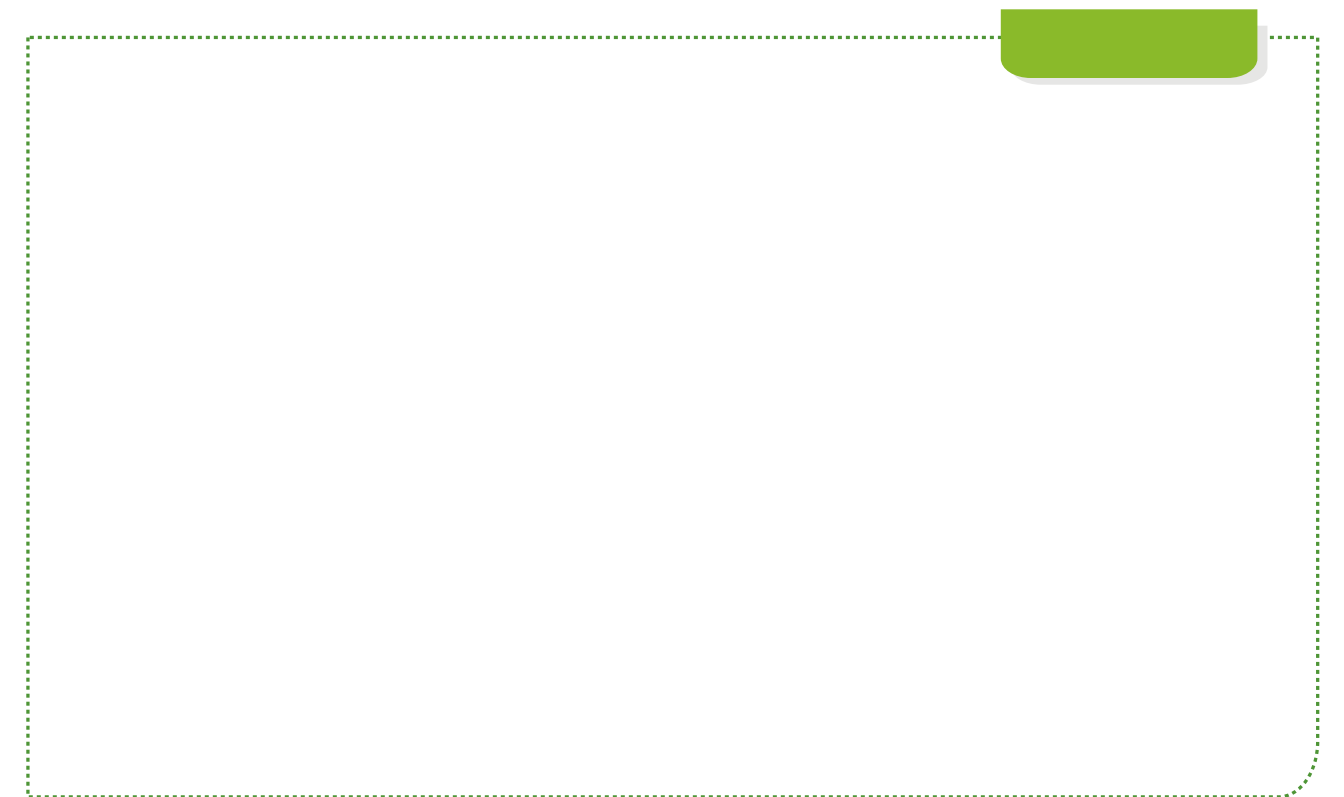
Environment

Carbon Neutrality and Energy Transition

During the reporting period, the Ministry of Commerce of China, along with five other departments, issued the "Implementation Plan for Promoting the Trade-In of Electric Bicycles." The plan proposes that consumers who return old lithium-ion battery electric bicycles in exchange for lead-acid battery electric bicycles may receive enhanced subsidies. In addition, the Ministry of Industry and Information Technology, along with five other departments, published the newly revised "Safety Technical Specifications for Electric Bicycles," which relaxes the weight limit for lead-acid battery electric bicycle models from 55kg to 63kg. The series of preferential subsidy policies and industry standards introduced by the government not only reflect recognition of the safety and cost-effectiveness of lead-acid battery electric bicycles but also align with the national goal of addressing safety hazards in the electric bicycle sector.

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Lead-acid batteries continue to dominate the electric bicycle battery market due to their higher safety and lower cost, which have made them widely favored by consumers. Encouraging consumers to switch to lead-acid battery electric bicycles meets the practical needs of safety improvements across the entire electric bicycle value chain and reflects the country's principle of promoting green transportation while prioritizing safety.

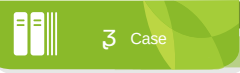


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The CTop 10 Energy Storage Battery Brands of the Year

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የፌዴራል ሪፖርት ስርዓት

№ 3 № 4



Promotion of clean energy

Resource Conservation and Pollution Control

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The sustainable development goals covered in this chapter:



Pollutant Management

The Group has passed the ISO14001 Environmental Management System Certification. In order to strengthen environmental protection management and reduce pollutant emissions, we have promulgated and implemented the Compilation of Environmental Safety Management System of Tianneng Holding Group (Version B/0), which includes the following systems: Environmental Safety Equipment and Facility Management System, Pollutant Management System, Environmental Safety Monitoring and Early Warning Management System, Three Simultaneity Management System for Environmental Safety, Environmental Safety Approval and Management System for Investment Projects, Clean Production Management System and Carbon Resource Management System, among others.

The Group follows the pollutants emission limit standards of various countries and local governments, constructs a comprehensive pollutant prevention and control system that combines pollutants self monitoring, third-party commissioned testing, online monitoring of fixed pollution sources, and government supervision. With the most advanced technology and equipment in the industry, the Company is able to ensure the long-term stable operation of treatment facilities and standard discharge of various pollutants, including waste gas and wastewater.

Exhaust Gas: The Group adopts appropriate process means, introduces advanced equipment, and takes multiple measures to properly treat the exhaust gas in the production process to meet the regulatory requirements.

Wastewater: The Group strictly abides by the Water Pollution Prevention and Control Law and other laws and regulations, carries out unified management of wastewater generated in the plant and conducts spot checks on treated wastewater to ensure that the quality of discharged wastewater complies with the Comprehensive Wastewater Emission Standards and local discharge requirements. The Group is at the international leading level in terms of wastewater pollution control in the various industries.

Hazardous Solid Waste: The Group has prepared the Solid Waste Management System, constructed a hazardous waste storage room in accordance with the provisions of the Solid Waste Prevention and Control Law for the lead-containing wastes, waste labor insurance and other hazardous wastes generated in the production process, standardized the process of collection, storage, transfer and disposal, and regularly entrusted qualified disposal units to dispose of them, and perfected the ledger to realize the management of the whole life cycle of generation, storage and disposal.

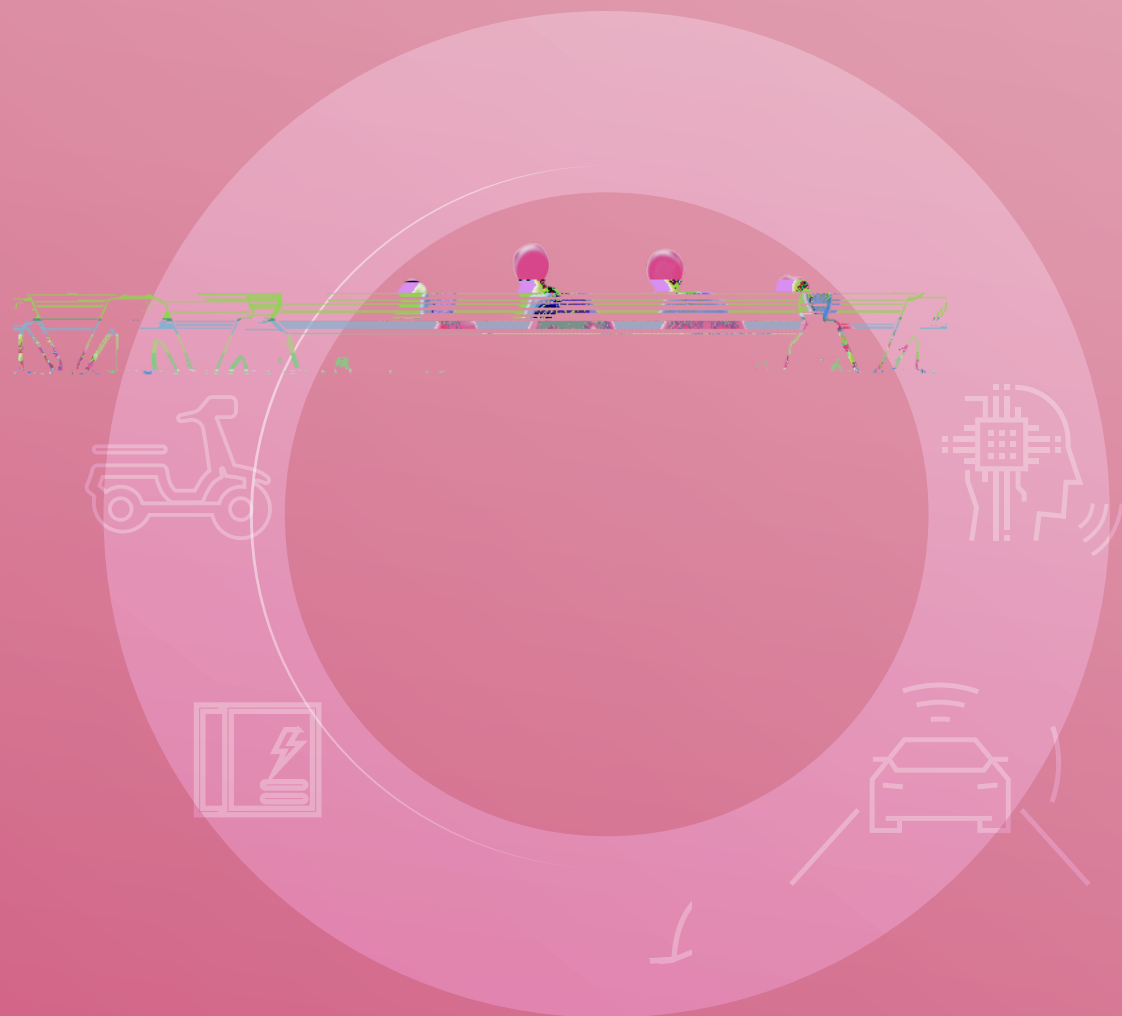
Harmless Solid Waste: For harmless solid waste generated from operation, including waste packaging materials, scrap iron and other general solid waste, the Company establishes a general solid waste storage room and entrusts qualified disposal units to carry out recycling, realizing classified collection, transfer and compliant disposal of general solid waste. Domestic garbage is regularly handed over to the local sanitation department for proper disposal.

企 业 名 称 Name of company or subsidiary	主 要 污 染 物 Name of main pollutants and characteristic pollutants	排 放 方 式 Emission method	实 施 标 准 Pollutant emission standards implemented	排 放 量 Total approved emission (tonnes/year)	备 注 Remarks
浙 江 天 能 电 力 有 限 公 司 Zhejiang Tianneng Power Supply Material Co.,Ltd.	Particulates	直接排放 Direct discharge	10		
	铅及其化合物 Lead and its compounds		0.4/DA006 0.6		
	砷及其化合物 Arsenic and its compounds		0.4		
	锡及其化合物 Tin and its compounds		1		
	锑及其化合物 Antimony and its compounds		1		
	氮氧化物 Nitrogen oxide		100		
	二氧化硫 Sulfur dioxide		100		
	化学需氧量 Chemical oxygen demand	间接排放 Post-treatment discharge	500		
	氨氮 Ammoniacal nitrogen		25		
	总铅 Total lead		0.2		
	总砷 Total arsenic		0.1		
	总镉 Total cadmium		0.01		
	总锑 Total antimony		0.3		
天 能 集 团 (濮 阳) 可 再 生 资 源 有 限 公 司 Tianneng Group (Puyang) Renewable Resources Co.,Ltd.	铅及其化合物 Lead and its compounds	直接排放 Direct discharge	2		
	砷及其化合物 Arsenic and its compounds		0.4		
	锡及其化合物 Tin and its compounds		1		
	锑及其化合物 Antimony and its compounds		1		
	Particulates		10		
	二氧化硫 Sulfur dioxide		100		
	氮氧化物 Nitrogen oxides		100		
	化学需氧量 Chemical oxygen demand	间接排放 Post-treatment discharge	无外排 No external discharge		
	氨氮 Ammoniacal nitrogen				
	总铅 Total lead				

Circular economy is one of the core strategies for the Group's sustainable

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The Group's Li-ion battery recycling production base

05



- η ' Z Product Responsibility and Customer Protection
 - η Product Responsibility
 - Customer Service
- η Technological Innovation and Industry Development
- η Employee Care and Career Development
 - ' Employment and Labor
 - Talent Reserve
 - ' η Employee Development
 - ' Employee Training
 - ' Employee Satisfaction
- η Occupational Safety
- f Supply Chain Management
- Investors' Equity
- η Community Engagement and Public Welfare
- § Employment and Taxes
- Rural Revitalization
- η Proposals and Suggestions





400 800 8888

Establishing a strong customer service system is crucial for any business. The Group places great importance on customer service, and the customer service system we have built enables us to continuously improve the customer experience. Following the Group's "400 Platform Market Customer Complaint Management Measures," we focus on protecting consumer privacy while enhancing customer satisfaction, increasing brand value, and improving market competitiveness. This allows us to stand out in the highly competitive market and gain a long-term development

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Examples of Research Innovations in 2024:

The sustainable development goals covered in this chapter:



The Group places great emphasis on technological research and development, assembling an innovation team composed of top international experts from the United States, Japan, South Korea, and other countries. The team covers various fields such as new energy batteries, new energy materials, smart manufacturing, and green recycling. The Group has established several technology innovation platforms, including a national-level technology center and a postdoctoral research station.

In 2024, the Group established a Technology Management Center to coordinate technological innovation activities and integrate them into the Group's strategy. The Group has increased investment, coordinated planning, and strengthened coordination to efficiently advance technological innovation. At the same time, the Group has improved and issued various management systems, including the "R&D Project Management Measures" and the "Major R&D Project Management Measures," to strengthen project management and institutional support.

Additionally, the Group has established the R&D strategic direction of "becoming a global technological leader and value co-creator in the new energy industry." Each business segment has decoded sub-strategies and built two core technological capabilities: leading technology performance and cost leadership. By 2024, the Group has established over 60 related policies, achieving full lifecycle management of projects, covering stages such as project initiation, planning, implementation, and results conversion. The Group also has a Technology Innovation Committee, which regularly holds meetings to review the R&D strategy and annual plans. In 2024, the Group is involved in 11 ongoing industry-academia-research cooperation projects, focusing on high-energy-density battery development and battery recycling technologies.

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The Group has enhanced the overall performance of lead-acid battery products through the application of micro-nano lead-carbon key technology. In the "Super Car High Energy Edition" battery, in addition to using graphene patented technology, the newly added micro-nano lead-carbon technology effectively solves the issues of poor affinity and aggregation in traditional lead-carbon materials. This technology prepares lead-carbon composite materials through low-temperature decomposition reactions, loading nano-scale PbO particles, which significantly improves the battery's charge and discharge performance and the anode cycle life.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 104

The Group has collaborated with Tsinghua University on lithium battery development, lifespan prediction, and failure mechanisms, researching efficient, low-cost, and highly sensitive large-scale energy storage battery cell difference detection technologies. The collaboration aims to establish lithium-ion battery lifespan prediction models and non-discharge battery capacity distribution prediction models.

Ψ $\mathcal{A}$ 300Wh/kg 400Wh/kg
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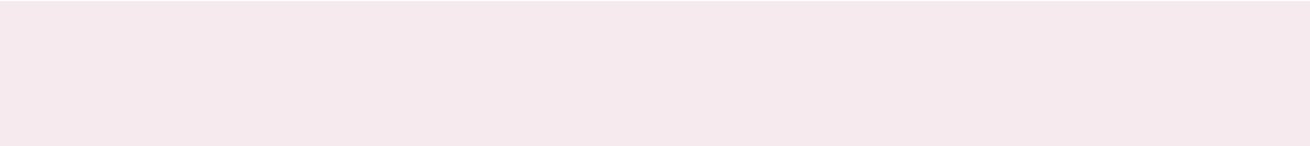
The Group has independently developed 300Wh/kg and 400Wh/kg high-safety solid-state battery cells, which have passed safety performance tests such as puncture and overcharge. The battery cell is tested to have better life cycle, positioning it at the leading level in the industry.



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The Group has completed batch shipments of its core component membrane electrodes. In July of this year, 10 hydrogen fuel cell systems independently designed and produced by the Group were officially delivered, and they will be installed in buses in Guangde City, Anhui Province.

Regarding recruitment, employment, and promotion, the Company upholds the principles of equal opportunity and diversity. All employees, regardless of ethnicity,

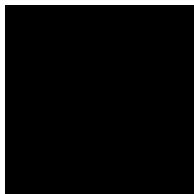


In terms of talent selection, Tianneng implements a strategy of "open external recruitment and balanced internal development." On the one hand, the Company continuously introduces industry-leading talents, R&D experts, and high-end professionals in various functional fields to optimize organizational structure and enhance overall combat effectiveness. On the other hand, Tianneng actively attracts excellent talents through campus recruitment, continuously injecting fresh blood into its talent pool. The Company has established a five-level talent pool covering "management trainees—manager-level executives—director-level executives—general manager-level executives—leading talents," focusing on the selection and cultivation of high-potential talents. Through regular executive reviews, the Company improves its succession planning for key positions, ensuring the healthy development of its talent pipeline.



The Group attaches great importance to investor relations management and is committed to safeguarding investors' right to information and promoting investor education and protection. On the basis of strict compliance with information disclosure requirements, the Group maintains close interaction with investors through diversified communication channels, including investor hotlines, regular investor meetings, email communication, reception of visitors, investor relations columns on the Company's website and the official WeChat platform, etc. The Group has actively strengthened the construction of its investor relations platform and enhanced the efficiency and quality of its services.

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 The sustainable development goals covered in this chapter:



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As a leading enterprise in the new energy battery industry, the Group drives high-quality development through technological innovation while actively fulfilling its role as a “corporate citizen,” giving back to society through concrete actions. Over the years, Tianneng has donated millions of RMB in materials and cash to support various disaster relief efforts, public welfare, charity, elderly care, and education assistance.

Tianneng Puyang Company Achieves Significant Results in Assisting Disabled Employment

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Since its establishment, Tianneng Puyang Company has actively fulfilled its social responsibilities by providing skill training, hardship subsidies, and visitation support, promoting high-quality employment for disabled individuals. Currently, the company has a total of 3,180 employees, with over 50 disabled employees, making it the private enterprise with the most disabled employment positions in Puyang City. The company has been awarded the title of "National Disabled Employment Base According to Proportional Employment."



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The Group implements a priority recruitment policy for veterans. As of 2024, the Group employs over 400 veterans, among whom 10 serve in senior management positions and over 130 serve in junior and middle management roles.

Tianneng Meishan Company Organizes Voluntary Blood Donation Campaign

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Recently, Tianneng Meishan Company organized a voluntary blood donation campaign titled "Voluntary Blood Donation, Great Love from Tianneng," with active participation from employees. The company has been fulfilling its social responsibility by organizing voluntary blood donation events for over 10 years. A total of 112 blood donations have been made, amounting to 33,200 milliliters of blood, demonstrating the company's commitment to social responsibility and corporate accountability through tangible actions.



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The Group fulfils its tax obligations in a compliant manner by accurately filing and paying all taxes. The Group complies with national tax laws and regulations and actively co-operates with the tax authorities in their audits and investigations to ensure the transparency and truthfulness of tax returns. Through reasonable and lawful tax planning, the Group has created more job opportunities and wealth for the country's economic development while safeguarding its own development.

Rural Revitalization

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The sustainable development goals covered in this chapter:



Through its co-construction efforts with Xinchuan Village, the Group is actively exploring new pathways for common prosperity. On one hand, the Group promotes economic development through industry-driven initiatives, fully leveraging its role as a leading enterprise. It has guided the residents of Xinchuan Village to develop supporting industries for batteries, while also attracting projects such as bamboo processing and plastic shell manufacturing, thus forming an industrial ecosystem centered on power batteries. This ecosystem includes new energy, new materials, and new service industries, creating a "wealth-building path" for villagers that allows them to "earn a living without leaving their land and settle down without leaving their hometown."

On the other hand, Tianneng drives income growth through innovative models. It has supported the establishment of three strong village companies in Xinchuan, introducing modern equity fund models to aid rural revitalization. This initiative focuses on developing green industries, leisure agriculture, tourism economies, and other sectors, further extending the wealth-creating industrial chain and allowing

The Group's "village-enterprise co-construction" with Xinchuan has lasted for over 20 years, gradually developing the "Xinchuan Model" of prosperous industries, a livable environment, effective governance, and civilized rural customs. In recognition of these achievements, the initiative was awarded the 2023 Zhejiang Province "Ten Thousand Enterprises Revitalizing Ten Thousand Villages" experimental project. Tianneng plans to replicate this successful model in other investment locations, promoting mutual development in more regions.

In addition, the Group is committed to narrowing regional disparities by actively responding to the calls for "East-West Cooperation" and "Mountain-Sea Cooperation," and implementing actions such as the "Ten Thousand Enterprises Revitalizing Ten Thousand Villages" campaign. Since 2005, the Group has successively established factories in provinces including Henan, Jiangsu, Anhui, and Guizhou. Through industry-driven leadership, paired construction efforts, and job creation, the Group has solved employment and livelihood issues for tens of thousands of people. In 2018, Tianneng invested in the establishment of a production base in Taijiang County, Qiandongnan Prefecture, Guizhou Province. By 2022, the base's output value exceeded 3 billion RMB, creating nearly 2,000 jobs, and becoming one of the largest enterprises in the region.

Through co-building with its industrial chain partners, the Group continues to advance regional coordinated development, especially in underdeveloped areas such as the western regions and mountain-island counties. By laying out industries and guiding "leading enterprises" in these areas, the Group is driving high-quality economic development locally. Tianneng will continue to broaden employment opportunities, reduce regional disparities, and make greater contributions to promoting common prosperity.

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Proposals and Suggestions

Mr. Zhang Tianren, Chairman of the Board of Tianneng Group, has long been committed to promoting green and sustainable development. During his 12 years as a National People's Congress (NPC) representative, he has diligently fulfilled his duties with great political enthusiasm and responsibility. During the 2024 Two Sessions, Representative Zhang reviewed various reports and resolutions carefully and submitted 4 legislative proposals and over 20 high-quality suggestions to the NPC. These proposals cover critical national strategies and social livelihood issues, including renewable energy, climate change response, elderly care services, industry associations and chambers of commerce, promoting the development of the new energy industry, advancing rural revitalization and common prosperity, supporting the real economy, advocating green development, ensuring electric vehicle safety, and fostering regional economic growth.

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Proposal to Amend the Renewable Energy Law

The Renewable Energy Law, implemented in 2006 and amended by the Standing Committee of the National People's Congress in 2009, has been in effect for 14 years. With the development of the industry, the law has achieved positive results but also contains some constraints and gaps. It is proposed to amend and improve the full-guarantee purchase system, establish a scientific and reasonable assessment mechanism, optimize and adjust the electricity price subsidy, and refine the relevant legal responsibility provisions.

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Proposal to Accelerate the Formulation of the Climate Change Law and Establish a Carbon Emission Reduction Legislative System

The "3060" dual-carbon target is a major strategic decision made by China after careful consideration of both domestic and international dynamics. It reflects China's commitment to actively addressing the global climate crisis and contributing to the building of a community with a shared future for mankind. Climate change is a crisis that affects all of humanity, requiring multi-party participation and coordinated governance. It is recommended to accelerate the formulation of the Climate Change Law to establish a carbon emission reduction legislative framework, which is an urgent need for achieving the dual-carbon goals. This will provide legal support for accelerating the transition to a green, low-carbon development model and help China gain a proactive role in deepening bilateral and multilateral cooperation in climate-related fields.

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Proposal to Formulate the Elderly Care Services Law

As China has entered an aging society, there is currently no comprehensive Elderly Care Services Law. It is proposed to establish such a law to build a multi-party participation framework for elderly care services, encourage innovation in elderly care technologies, improve the family-based elderly care support system, and strengthen regulatory and legal safeguards.

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Proposal to Formulate the Industry Associations and Chambers of Commerce Law

Industry associations and chambers of commerce play an important role in China's economic construction and social development. However, there is currently no specialized legislation for industry associations. It is proposed to draft the Industry Associations and Chambers of Commerce Law, which would define the nature, responsibilities, and rights of these organizations. This law would standardize management, empower services, establish a comprehensive regulatory system, protect the legal rights of members, and further stimulate market vitality, creating a fair, just, and transparent environment for market participants.

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06



Topic Ⅰ Smart Manufacturing and Digital Transformation

Topic II Creating a Battery Cycle Ecological Industrial Chain



Thematic Section



Topic 4: Smart Manufacturing and Digital Transformation

Focusing on technological innovation in areas such as smart energy storage and hydrogen energy, the Group continues to enhance its independent innovation capability in the field of circular economy and promote technological advancement in the industry, accumulating rich technological experience and project cases. The green industry is not only a test of an enterprise's determination, but also the core

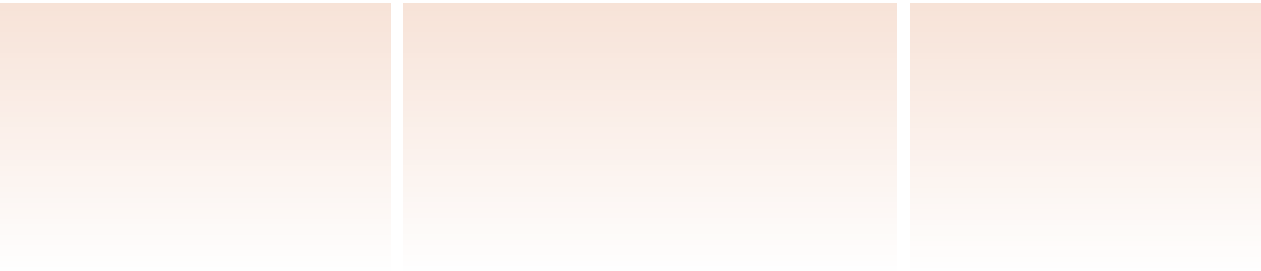




As an emerging sector within the new energy industry, the power battery recycling system and processing technologies are continuously developing and improving, injecting strong momentum into the construction of a green, low-carbon circular economy. Through scientific management measures, the Group fully utilizes recyclable pollutants and waste materials for resource recycling, reducing environmental pollution while enhancing resource efficiency. In the field of power battery recycling, the Group has set a benchmark for green development by continuously innovating in battery production R&D, retired battery recycling, and utilization, ensuring the safety and stability of the industrial chain.

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Through the development of circular industries, the Group has achieved an organic integration of environmental, economic, and social benefits, providing crucial support for green value-added growth. Through green manufacturing and circular recycling, the Group integrates the concept of green development across the entire product lifecycle, from design and manufacturing to recycling and disposal, forming a closed-loop green industrial chain. By adhering to the core strategy of green development, the Group has established a sustainable development benchmark for the manufacturing industry.



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Total direct and/or indirect energy consumption				

Key Categories, Dimensions, General Disclosure and Key Performance Indicators		GRI GRI Standard	Z Disclosure Content
B3.1	Average number of hours of training completed per employee, by gender and employee category	This indicator is not yet included in GRI Standards.	
B3.2	Average number of hours of training completed per employee, by gender and employee category	Training and Education Disclosure 404-1	
B4 Environmental Impact			
	Emissions from operations		
B4.1	Scope 1 and Scope 2 greenhouse gas emissions (CO ₂ , CH ₄ , N ₂ O) expressed as CO ₂ -equivalent		Environment, Climate Change and Labor
B4.2	Other environmental impact indicators		
C Social Issues			
B5 Human Rights			
	Policies related to human rights		
B5.1	The company's policy on human rights		
B5.2	Human rights due diligence processes		

