

Water Resources Management

In a robust response to global water scarcity, to alleviate pressure on water resources, and to safeguard the health of drinking water and ecosystems, China Power fully recognizes the importance of effective water resources management for its orderly operations and sustainable development. A Strategic and Sustainable Development Committee under the Board of Directors is tasked with supervising water resources management and other sustainability-related topics. The Company's Chief Executive (CEO) is directly responsible for water management, proactively implementing a series of measures to strengthen the Company's capabilities in water resources management.

The Company has implemented energy-saving management regulation that coordinates water resources management. Based on the regulation, each subsidiary is mandated to establish a three-tiered energy-saving supervision network. This network is responsible for overseeing the strategies and performance of water resources management as approved by the management. Additionally, it supports department-level specialized working groups in meeting water conservation targets according to established plans, including ensuring legitimate water extraction, implementing water-saving plans, monitoring water conservation efforts, making water-saving upgrades, and fostering the recycling of water resources as per the water management requirements. In 2023, we analyzed the potential for water savings across all production stages and implemented measures such as expanding the use of reclaimed water and water-saving technological improvements. As a result, we achieved a total water saving of 34,919,147.71 tons, marking a 29.58% reduction in water consumption compared to 2022.

The Company regards the level of water resource risk as a critical reference in setting water conservation targets. In 2024, we are conducting an inventory of water resource usage across all subsidiaries using the World Resources Institute's (WRI) Aqueduct Water Risk Atlas. Additionally, through analysis of water supply and demand and quality monitoring, we are carrying out water risk assessments and alternative water resource evaluations at all operating sites. In 2023, China Power utilized 9,131,557 tons of alternative water resources, accounting for 11.07% of total water consumption, which substantially reduced the Company's reliance on local water resources and lowered pressure on the ecosystem.