

Environmental efficiency programs

AES Andes



Climate change is one of the most critical issues of our time, and AES is well-positioned to lead the green energy transition. We are working to accelerate the future of energy through the massive deployment of renewable energy along with new technologies and innovative solutions for our customers and communities.

Respect the environment and preservation of biodiversity are key factors on our management and corporate policies.

Our Integrated Management System Policy defines the commitments and guidelines for Occupational Health and Safety, Environment (waste, water and biodiversity) Quality, Asset Management and Cybersecurity and its review every year with the most recent version dated on November 2024.

Política Sistema de gestión Energético



Conscientes de que nuestras decisiones y actividades tienen un impacto en nuestro entorno, asumimos el compromiso de incorporar los principios y las prácticas de **sostenibilidad empresarial** en nuestra cultura y en la gestión de la compañía. Este compromiso nos inspira a planificar y tomar decisiones teniendo en cuenta, de forma equilibrada, aspectos económicos, ambientales y sociales.

En línea con nuestra visión de promover prácticas sostenibles, AES se compromete a implementar un Sistema de Gestión de Energía (SGEn) conforme a los requisitos de la Ley Chilena de Eficiencia Energética, la normativa dictada conforme a nuestra política de gestión integrada.

Todos nosotros compartimos tres valores que proporcionan un marco común de comportamiento: ponemos la **Seguridad primero**, **Aplicamos Los Más Altos Es** y trabajamos como un equipo entre nuestros negocios, con nuestros clientes, comunidades, **Todos juntos**.

Para dar cumplimiento a lo anterior, hemos establecido los siguientes compromisos:

- Garantizar acceso a información y recursos necesarios para lograr mejores objetivos energéticos.
- Cumplir requisitos legales aplicables y atinentes a eficiencia energética en nuestros procesos.
- Revisar periódicamente el desempeño energético de nuestros activos SGEN, buscando el cumplimiento de nuestros objetivos energéticos.
- Fomentar y promover la **mejora continua** en procesos productivos y administrativos, buscando oportunidades para implementar tecnologías eficientes y sostenibles.
- Considerar criterios de **eficiencia energética** en procesos de diseño y adquisición de bienes y servicios.
- Comunicar, difundir y promover esta política en todos los niveles de la compañía.

Esta política aplica a todos los niveles de la organización. Nuestro compromiso de excelencia y la eficiencia nos guiarán hacia un futuro sostenible.

Luis Urrejola Martelli
VP de Ingeniería & Construcción y Operaciones
Julio 2024

Management System Policy



The mission of AES Argentina, AES Chile and AES Colombia is to accelerate the future of energy together.

Aware that our decisions and activities impact our environment, we commit to incorporating business sustainability principles and practices in our culture and daily management. This commitment inspires us to plan and make decisions in the short, medium and long term, considering economic, environmental, and social aspects in a balanced way.

At AES, we put **safety and health first** for everyone who works with us. We recognize that **environmental protection** is an essential part of our business performance, and we consider it our priority to **meet the needs and expectations of our stakeholders**. We also acknowledge that the **overall management of our assets** is a key responsibility in our activities of electric power generation, transmission and storage, seawater desalination, and the processes that support these activities.

We all share three values that provide a common framework for behavior: we put **safety first**, we apply the **highest standards**, and we work as a team across our businesses, with our customers, partners, and communities, **all together**.

For this end, we have laid out the following commitments:

- Integrate Safety, Occupational Health, Environment, Quality, Asset Management, and Cybersecurity into each process and task, promoting a culture that values these requirements.
- Ensure compliance with applicable requirements including the regulatory framework relevant for our activities, AES reference regulations, programs, policies, standards, principles, and beliefs, as well as the commitments we voluntarily undertake with our customers and stakeholders.
- Identify hazards and assess their risks, define and implement measures according to the control hierarchy to eliminate hazards and minimize risks, providing safe and healthy conditions to prevent injuries, occupational diseases, and property damage related to our activities.
- Analyze, monitor and manage environmental impacts, by setting objectives or operational controls, preventing and mitigating potential effects, promoting a commitment to environmental care, efficient use of natural resources, conservation of high-value biodiversity areas around our operations, and protection of species in conservation categories in those areas. Additionally, we implement relationship plans with the communities in the territories where we operate.
- Incorporate climate change mitigation and adaptation into business analysis and development, in line with the regulations and commitments adopted by each country.
- Ensure the expected performance of our assets by using methodologies, tools, and technologies to maintain a systemic and sustainable vision, optimizing their performance throughout their life cycle, and managing associated risks, costs and opportunities according to business's strategies.
- Ensure the critical functions of our business in crisis situations that could jeopardize the continuity of our service.
- Promote and accelerate initiatives associated with the transformation of our asset portfolio and the digital transformation of the business.
- Promote continuous improvement in Management Systems and provide the necessary resources to ensure compliance with the commitments of this policy.

To achieve this policy, we promote the commitment to its compliance in activities, participation and consultations, considering those who work with us, represent us, and our contractors.

Everardo Leonardi
CEO
November 2024, V.5



Energy Management

Since 2023, AES Chile implemented and developed an Energy management system, which is based in ISO 50.001 and compliant with Chilean regulations.

This management system aims to improve the current energy performance by identifying and implementing actions focused on reducing energy consumption on thermal power plants. The implementation includes training on how to properly enforce energy management guidelines, and was carried out with the teams that are involved in the development of efficiency solutions.



Energy Management

These solutions are focused on minimizing deviations from the expected performance, by following key energy indicators, and secondly, optimizing use of energy when the power plants are available but not operating. This line of thinking, help us to detect and tackle problems that may arise, even when the power plants are not generating.

In 2024 and for the first time, AES Chile successfully audited its energy management system, and declared zero non-conformities to the authorities.



Waste Management

We monitor the generation of Hazardous and Non-Hazardous Waste in accordance with our Environmental Management System and the regulations in Chile, Argentina and Colombia. The Waste Management Standard, updated in November 2023, establishes our minimum requirements for the management of hazardous and special waste, chemical and raw material management, and spill prevention and control.

Valorization in our facilities considers three forms of management: reuse for coal combustion residuals (CCRs), the rebercling of container packaging/oils and composting of organic waste.



Waste Management

As we continue to reduce the coal generation from our portfolio, we are also reducing the amount of CCRs produced, approximately 4 percent less in 2023 compared with 2022 and 25 percent less compared with 2021.

We promote circularity by promoting the reuse and recycling of our solar panels. During 2024 we have met local companies and national study centers to advance a management plan for our panels once their useful life has ended or in case of failure.

Finally, like every year, we have carried out beach cleaning days at our coastal facilities. Together with local teams and the community, we removed waste, promoting environmental awareness in our communities.



Water Management

At AES, we recognize that water stewardship is essential for our business and the livelihoods of our stakeholders.

For our generation businesses, whether thermal or hydro, water availability is important not only to operate, but also to operate efficiently. It is relevant to highlight that our main source of water is seawater, which is related to the coastal location of several of our thermal power plants.

For our renewable businesses, like solar and wind, water is not used as a source of generation and minimal quantities are required. For our hydroelectric power plants, water only passes through the water-driven power turbines, then it is immediately returned to the environment with the same or higher quality.



Water Management

As part of our efficient use of water, 3 of our 5 thermal units currently in operation have cooling towers that allow us to consume 90% less water compared to an open system.

As we continue to reduce the coal generation from our portfolio, we are also reducing the amount of total water consumed. We reduced approximately 29 percent in 2023 compared with 2022 and 33 percent compared with 2021.

At AES Colombia, to promote the efficiency of the use of water, the Tunjita hydroelectric plant operates in hydraulic series reusing the same waters from the Chivor hydroelectric plant. Thus, 100% of the flows that Tunjita employs for its operation are used in more than a generation plant, allowing greater efficiency.



Water Management

We permanently monitor the withdrawal, discharge and consumption of the we water we use. At the same time, 100% of our wastewater is treated prior to its unloading, and we plan and execute the sampling and analysis in each of the businesses, preparing reports that allow compliance with regulatory requirements.



