

# SUSTAINABILITY REPORT

Los Mejores Lugares para Trabajar<sup>™</sup> Great Place To Work. 2021



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# GLOSSARY OF ACRONYMS AND ABBREVIATIONS

BTU	British Thermal Unit
CEME1	María Elena 1 Power Plant
DLN	Dry Low NOx
ESG	Environmental, Social and Governance
GHG	Greenhouse Gas
GRI	Global Reporting Initiative
GWh	Gigawatt hour
IST	Institute for Safety at Work (Chile)
KPI	Key Performance Indicators
kW	Kilowatt
kV	Kilovolt
LNG	Liquefied Natural Gas
MIPER	Hazard Identification and Risk Evaluation Matrix
ML	Megaliters
MWh	Megawatt hour
NEC	National Electric Coordinator
OAL	Office of Administrative Law
PPE	Personal Protective Equipment
PRSO	Risk Prevention and Occupational Health
RCA	Environmental Qualification Resolution (Chile)
REPECS	Special Regulations for Contractors and Subcontractors
RM	Metropolitan Region
SDG	Sustainable Development Goals
SEA	Environmental Evaluation Service
SGIIE	Electrical Installations Integrity Management System
SIC	Central Interconnected System
SSO	Occupational Health and Safety
USD	U.S. Dollars

# OUR MESSAGE TO SOCIETY

[GRI 2-22]



I have the great honor of presenting Generadora Metropolitana's first sustainability report. It was an intense and reflective effort, where our objective was to communicate in a clear, transparent, and concise manner the impact our company has on society and the management we carry out on a daily basis in our power plants, projects, and with our communities.

Producing a report of this nature, only five years after our company was founded, is an outstanding achievement. We are very proud to have integrated the social, environmental, and economic contributions in one document objectively and in compliance with the Global Reporting Initiative (GRI) international standards.

These five years have seen significant changes at Generadora Metropolitana, and 2022 has been a transformative one. We are absolutely committed to Chile's energy transition and a key player in the path towards decarbonization. First of all, we are currently building the largest solar plant in Chile, CEME1, with 480 MW. We also initiated a project to convert our Los Vientos power plant from diesel to natural gas, a cleaner fuel with the flexibility needed to support the energy transition. In addition, we have two solar projects with storage in the pipeline and approved RCAs: Sol del Loa of 800 MW and La Pampina of 200 MW.

Those of us who work at Generadora Metropolitana know that people are at the center and are our most important asset. That is why we promote a culture based on people and the value generated by diversity, with respect as a guideline for our actions. When we talk about our values, we know that we focus beyond the generation of energy.

Today, we are in a new stage as a company. We look to the future with optimism and the conviction that we are making a contribution, growing as a company with sustainability and providing energy solutions to improve people's quality of life. We are facing 2023 with great expectations and ambitious plans.

Diego Hollweck General Manager Generadora Metropolitana is committed to assisting our country in the energy transition process, which represents an axis for growth. This challenges us to make each of our decisions with a long-term vision, always committed to the principles of sustainable development, in addition to applying management standards that ensure the improvement of our environmental performance.

Our first report is based on environmental, social, and governance (ESG) criteria. Through these three areas, it is possible to evaluate the effects of our company's activities on the environment, our relationship with the communities, and to define a corporate governance that guarantees compliance and transparency of information.

Working with communities and protecting the environment are some of the strategic pillars of our Sustainability Strategy, which not only allows us to engage with local residents but also to grow and establish long-term, collaborative relationships. Our social investment pillars allow us to implement initiatives that generate beneficial, constructive, and transparent relationships, all based on mutual respect and understanding.

Among the projects we develop with the communities, I would like to highlight "Energía de Mujer," a program we have been carrying out in Renca since 2021. This project has managed to change the lives of 60 women by providing them with tools to develop their businesses. With "Ruta Sonrisas," we have reached almost a thousand elementary school children with primary dental care in three of our territories. In María Elena, we have forged a strong and transparent relationship with the residents through various projects such as the "Young Climathon" and the "Fortalecimiento Pymes" program. In Cabrero, we have also made significant achievements regarding energy efficiency in the community. And, wherever we are, we can say that we have opened the doors for the first time in history for them to enter our facilities and learn about our environmental and operational standards firsthand. This is a major achievement.

Our commitment is to continue to be a catalyst for economic development and to improve the quality of life in the places where we develop our operations and build our projects. We also face the challenge of minimizing the consequences of climate change and ensuring sustainable development for future generations.



Alejandra Acuña Sustainability Manager

# WHO ARE WE?



# 2022 IN CONSOLIDATED FIGURES

Social

156 employees

40% of women in management positions

Environmental

**4.209** total energy consumption within the organization

1.534 ML of water consumed

Economic

750 MW of installed capacity in Chile

82,6 MUSD sold in power

7.359.980 MMBTU of LNG arrived in 2022













# MILESTONES 2022

### January

• Together with other generating companies, we participated in the implementation of a program focused on strengthening and training suppliers in different areas in the María Elena municipality.



# February

• On February 10, the RCA was approved for our solar photovoltaic project, La Pampina, located in the María Elena municipality.



# March

• We began the second version of the "Women's Energy" program, which trained 30 new entrepreneurial women from Renca to improve their business skills.



# May

• We received our first own shipment of LNG, with more than 160 thousand cubic meters, for the exclusive use of GM. Thanks to a contract with Cheniere Marketing International LLP, we will be able to supply up to 271 million cubic meters of natural gas per year.



# April

• We obtained 9th place in Great Place to Work 2021 in the organizations up to 250 employees category.



# June

- In June, we announced the construction of the CEME1 solar photovoltaic plant in the María Elena municipality.
- We started the reflection and design process of our C o r p o r a t e S u s t a i n a b i l i t y Strategy.





• We joined the Association of Natural Gas Companies (AGN).



# September

- Together with the Municipality of Renca and La Fábrica Municipal Corporation, we signed a three-year investment plan in the area: a three-year collaboration and cooperation agreement to promote various social impact initiatives.
- We completed a new version of the "Ruta Sonrisas" program, providing dental care to more than 600 children in the municipalities of Renca, María Elena, and Cabrero, together with Fundación Sonrisas.
- For the first time in the history of GM, we opened the doors of our Nueva Renca Plant with guided tours for the Neighborhood Councils.

# November

- On November 18, the RCA for the optimization of our Sol del Loa solar photovoltaic project was approved.
- In the context of determining GM's strategic objectives, we redefined our purpose and the values that guide us.
- At the AIC Annual Meeting, we were awarded the "CEME1" project as the Best Energy Project 2022. We received the award for the "Women's Energy" program in the "Good Practices for a More Sustainable Future 2022" contest of Generadoras de Chile.



# August

 SMEs from María Elena and Quillagua received business and internal empowerment certification as part of the "Strengthening SMEs" program that we developed in conjunction with Agencia Redes.

# October

- We received two recognitions in the LatinFinance awards for the 980 MUSD financing (Chacao Plus) we obtained in 2021, the highest in all of Chile in that year: Energy Financing of the Year and Infrastructure Financing of the Year - Southern Cone. These are in addition to the Deal of the Year award in the Americas, given by Project Finance International (PFI) in 2022.
  - We continued with the LED Luminaires project on the access road to the town of Charrúa, covering a total of 2.5 kilometers, with 61 LED luminaires and three substations connected to the electricity grid, helping to combat security problems in the sector.

### December

- We encouraged students from the Liceo Técnico Profesional -Científico Humanista de María Elena to participate in the Young Climathon challenge: "A new way of thinking about energy," where they attempted to work out how the use of clean energy can improve the quality of life in their city.
- We began work on the Energy Efficiency project to benefit the children of the Nubeluz de Charrúa Family Daycare.
- For the first time, we held an open day at the Santa Lidia power plant, where we opened the doors of our power plant to neighbors to tour the facilities and address their concerns.



# ABOUT GM

### [GRI 2-1, GRI 2-6]

GM Holdings S.A. and its subsidiaries and related companies (hereinafter also "Generadora Metropolitana" or "GM") is a Chilean company owned by the EDF Chile Holdings SpA groups, a subsidiary of Électricité de France and AME, whose core activity is to deliver energy solutions.

GM formally began operations in May 2018, with the purchase of the Sociedad Eléctrica Santiago SpA company, owned then by AES Gener. By doing so, we took control of the Renca, Nueva Renca, Santa Lidia, and Los Vientos power plants with the ambition of improving them, maximizing their efficiency, and improving their environmental performance. As a result of this conviction, after a few years, we consolidated and positioned ourselves, as a new company, among the leaders in the industry. We brought together collaborators from different backgrounds to create a single company with a seal of innovation, focused on safety, environmental responsibility, social commitment, and people, striving every day to foster the growth and development of all those who make up GM, without neglecting the importance of delivering quality energy solutions.

We currently have operations in the Metropolitan Region through the Renca (100 MW) and Nueva Renca (379 MW) power plants; the Valparaíso Region with the Los Vientos Power Plant (132 MW); and the Biobío Region with the Santa Lidia Power Plant (139 MW). **In total, we have an installed capacity of 750 MW in Chile** through these four generation plants located in strategic points of the National Electric System. Among these, we highlight the conversion of the Los Vientos power plant from diesel to natural gas - the fossil fuel with the lowest carbon emissions - with state-of-the-art technology in terms of emissions, remotely controlled and constantly updated to improve processes and resources.

In addition, we have three solar projects under development in María Elena, Antofagasta Region: CEME1 (480 MW), Sol del Loa (800 MW) and La Pampina (200 MW). These were designed to meet the highest environmental standards and modern technology, promoting the use of renewable energies and the reduction of emissions, among other benefits of using clean energy. CEME1 began construction in 2022, making it the largest solar power plant under construction in Chile.





In the years we have been operating, along with the growth of our own business, we have generated an ever-increasing commitment to sustainability and corporate responsibility. Today, one of our main focuses is to create tools that allow us to ensure that our operation and its chain are sustainable and that our relationship with the main stakeholders and the community is generally based on a culture of long-term mutual benefit.

Our brand currently has a solid reputation recognized as a seal of excellence and sustainability in our product and our way of doing things. We have unique and efficient processes and a reduced and horizontal internal structure, which allows us to adapt quickly to changes. We strive to incorporate innovation in each of our areas, so we keep a watchful eye on pioneering our way to increasingly efficient and sustainable solutions. For example, in 2022, we created an Innovation Committee, with 12 volunteers from our company, to create project proposals that will keep us at the forefront. In this way, 2022 was marked by the strengthening and conviction to incorporate environmental, social, and governance issues into our business, with the beginning of the development of our Corporate Sustainability Strategy. This work led us to rethink our values and define our purpose. We firmly believe that our company generates a contribution beyond the supply of energy. We have created a commitment that drives us to carry out our work with a purpose that transcends a particular moment and serves as a guide in our daily work.

This commitment allows us to explain what moves us and show our work and the importance of our people. All decisions will be based on this conviction that, in turn, is illuminated day by day by values that unite us and fill us with energy to continue growing, improving the development of our collaborators, and generating a diverse and inclusive workspace, reflecting all of this in GM's culture.

# OUR HISTORY





In May 2018, with the purchase of the Eléctrica Santiago company, Generadora Metropolitana formally began operations, taking control of the Renca, Nueva Renca, Santa Lidia and Los Vientos power plants.

# 2019

To materialize our commitment to install 600 MW of energy, we purchased the CEME1 solar project, with which we managed the approval of an increase in its installed capacity to 480 MW.

# 2020

As a critical service company, we had to react quickly to the arrival of COVID-19 and adapt to continue generating clean and reliable energy in an uninterrupted manner. Despite the difficulties, we managed to maintain the strictest and most effective safety standards, even obtaining recognition as the best company in risk prevention in Chile, in organizations of this size, by the IST.

We signed our first contract with a free customer.



bonds (US private we received three solar project, CEME1.









We obtained a 982 MUSD financing, structured with a combination of bank debt (Project Finance, style syndicated with six banks) and the issuance of placement). It was the largest non-recourse financing in Latin America that year and was a solid demonstration of our excellence, strength, and sustainability. As a result, international awards in 2021 and 2022. Thanks to this financing, GM entered a new phase with the construction of our first

# 2022

We redefined our purpose and values, starting the development of our Corporate Sustainability Strategy.



# OUR PURPOSE

Until mid-2022, our vision and mission were focused on being a benchmark company in the national energy market, leaders in innovation for technological transformation, and contributing to Chile's energy transition through the supply of competitive, clean, reliable, and safe energy. However, after a process of reflection, we asked ourselves why what we do is important, how we contribute to society, and what is, in broad terms, our purpose. We wanted to answer this question not only to give meaning to our business but also so that our collaborators themselves would find within GM a significant motivation for their daily contribution.

Thanks to the joint work of our management, by the end of 2022, we were able to build our new purpose.

# "To provide energy solutions to improve people's quality of life."

# **Our values**



# WHERE ARE WE?

### [GRI 2-6]

Throughout the country, we have four generation plants with an installed capacity of 750 MW as pillars of our operations, distributed among the Metropolitan, Valparaíso, and Biobío Regions. GM is also present with different projects and offices in different parts of



# 14

the country, taking advantage of the renewable resources of our territory and innovating in the delivery of our services. See Chapter 2 of this report for more details of our projects and facilities.

# CORPORATE GOVERNANCE AND ORGANIZATIONAL STRUCTURE

We are a young company that has undergone major changes in recent years. For this same reason, our organizational structure has been adjusting according to the movements, challenges, and new needs that sustainability demands us to have good corporate governance.

However, it should be noted that, although the structure may be modified, GM's corporate governance will always be responsible for overseeing that every action of the organization is in line with the corresponding regulatory frameworks and our corporate purpose and values.

In 2022, our Board of Directors consisted of 8 directors, chaired by Philippe Castanet, with Alberto Araya, Patrick Blandin, Clara Bowman, Olivier Lamarre, Juan José Gana, Jean-Lorain Genty and César Norton as directors. This group of directors is responsible for establishing the company's objectives and approving and monitoring our strategy.

This Board of Directors delegates its main powers to the Managers' Committee, made up of ten managers: General Management, Technical Management, Commercial and Development Management, People Management, Finance Management, Project Management, Legal and Compliance Management, Construction Management, Market Management and Optimization, and Sustainability Management.

This group of directors is responsible for establishing the company's objectives and approving and following up on our strategy. It has a fundamental role in supervising management at a general level, in addition to making relevant decisions so that the company is managed effectively, ethically, and in line with our objectives.

This Board of Directors delegates its main powers to the Managers' Committee, made up of ten managers: General Management, Technical Management, Sustainability Management, Commercial and Development Management, People Management, Finance Management, Project Management, Legal and Compliance Management, Construction Management, and Market Management and Optimization Management. Within this group, we have the Executive Committee, which comprises a group of managers who make the most relevant decisions regarding the future of our company.



This organization chart does not correspond to this report's publication date.

There was a restructuring for the 2023 period, a change that will be reflected in the next version of this report.

# Sustainability management

In this transformation process, the integration of the company's sustainability issues has been key, as well as asking ourselves the hierarchical level at which it will be managed to ensure the generation of value for society and the planet. Our Corporate Sustainability Strategy has been developed by Sustainability Management, which has periodically reported progress to the Management Committee.

We are working to have, in 2023, the final document of the Strategy, the hierarchical structure that supports it, and start implementing the first initiatives that give substance to our commitment, and thus strengthen the ESG areas (environmental, social, and



governance) of the company and to communicate to all our stakeholders, the main pillars of our associated action plan and more detailed information on specific ESG indicators, presented in this report. To learn more about our Corporate Sustainability Strategy and the elaboration process initiated, we invite you to review the details in Chapter 2 of this report.

# OUR STAKEHOLDERS

### [GRI-2-29]

Keeping our stakeholders identified and considering them in our decisions is key. The development and progress of our management are directly influenced and impacted by them, and it is in this action that we generate value for all the stakeholders with whom we interact. In the same way, each action we carry out generates a specific impact and influences each of our stakeholders in some way. In this sense, we need to know their opinions and consider them to manage changes and generate long-term bonds of trust through clear, direct, and transparent communication.

In this new GM transformation process, we seek to strengthen our communications with stakeholders and establish transparency mechanisms through a solid relationship plan that considers frequencies and communication channels designed to meet the needs of each group. In this way, we will focus on ensuring that their participation has good results for everyone and that we can continue to grow in a sustainable manner in line with our purpose.



# MEMBERSHIPS AND ASSOCIATIONS

### GRI [2-28]

Generating strategic alliances allows us to actively participate in the commercial and competitive environment in which we develop. With each of these associations, there is a reciprocal exchange of different tools that contribute to growth and development. And, in line with our new purpose, they allow us to meet the goals and objectives that we set year after year. We would like to highlight our affiliation with these

# Chilean Generators

Guild of Small and Medium-sized Generators

Natural Gas Association

# WEC Chile

Chilean American Chamber of Commerce

institutions during 2022, which has allowed us to channel regulatory issues and actively participate through the boards, different committees, and working groups in seminars, mentoring, strategic planning, and meetings with industry leaders, highlighting activities such as circles of women in finance and the "Women in Energy" program, which open the way to new and better spaces for GM.







# WHAT DO WE DO?





# OUR CREATION OF VALUE

### GRI [2-6]

Our main activity is the production of electricity through our Nueva Renca, Los Vientos, and Santa Lidia generating plants and the Renca 1 and 2 backup plants. We sell energy, and the power we generate for the Chilean electricity market is subject to sectorial regulation. In this market, we trade electric energy products, power, and complementary services or network services.

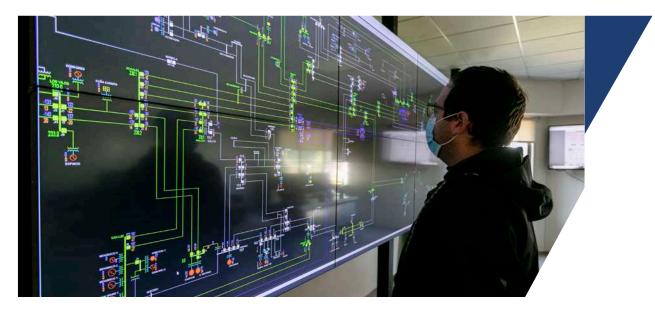
The current regulation requires all participants in the electricity market to comply with the instructions of a market coordinating entity called the National Electric Coordinator (hereinafter, "Coordinator" or "NEC").

The NEC orders the power generating companies to deliver energy, power, and ancillary services to the electric system according to the existing needs (demand, availability of generating units, availability of fuels, among others), and the companies must comply with the instructions issued by the Coordinator. Energy, power, and ancillary services are traded between the companies that supply these products and those that use them on behalf of their end customers (electricity distributors or large industrial customers, such as mining companies, ports, and production plants, among others), in a market we call the "Spot Market."

# During 2022, we sold a total of US\$639.3 million in energy and US\$82.6 million in power in the domestic electricity market.

In addition to the Spot Market, generating companies sell the energy and power required for operation to end customers or other generators through financial contracts.

The obligation to supply energy and power, together with the systemic costs (ancillary services) is included in each of these contracts.



# OUR CUSTOMERS

### GRI [2-6]

There are two types of customers in the Chilean electricity system: first, the regulated clients, who have a connected power of less than or equal to 5,000 kW and whose prices are set by the authority, with their electricity supplier being the electricity distribution companies. The second type of customer is the free clients, who exceed the limit of 5,000 kW of connected power and can be supplied with electricity in other ways, either by direct supply from generating companies or by self-generation. The General Law of Electric Services also establishes that those customers who have a connected power of between 500 kW and 5,000 kW can choose which regime to join (free or regulated) for a period of four years, as long as the change of preference is communicated to the



In 2022, we made sales for energy supply contracts totaling US\$318.6 million and US\$54.3 million for power. These amounts include US\$80.0 million of revenues accrued under the Stabilized Regulated Customer Price (PEC) mechanism and the Transitional Customer Protection Mechanism (MPC). These mechanisms affected the monetization of the company's supply contract revenues, producing a distribution concessionaire at least 12 months before the date of the change.

Currently, thanks to the management of the Commercial and Development Management, our company has supply contracts with free customers and 23 electric distribution companies that sell energy for the final consumption of regulated customers, whether residential, commercial, or industrial.

Our customers are distributed from the city of Taltal, in Norte Grande, to Chiloé, in the Los Lagos Region, mainly concentrated in the central zone of Chile, in the Valparaíso, Metropolitan and Libertador General Bernardo O'Higgins Regions.

deferral in the monetization of the revenues from these contracts.

At the same time, these contracts entailed costs for energy and power withdrawals of US\$309.8 million and US\$40.7 million, respectively. These amounts are the costs incurred by the company to support the supply of these contracts.

# OUR PLANTS

# Nueva Renca

The Nueva Renca power plant, located in the municipality of Renca in the Metropolitan Region, was commissioned in 1997. It is a combined cycle power plant with an installed capacity of 379 MW, which generates electricity using natural gas or diesel oil as fuel. At the time, it was the first plant of its kind in the Central Interconnected System.

This plant has two generating units, a gas turbine and a steam turbine in combined cycle, in addition to state-of-the-art technology in terms of emissions, so it can operate even in emergency and pre-emergency environmental conditions.



# Los Vientos

The Los Vientos power plant, located in the municipality of Llay-Llay in the Valparaíso Region, was commissioned in 2007 and plays an important role in the security of electricity supply in the SIC. This plant has an installed capacity of 132 MW and its electricity generation processes are based on diesel oil. However, work is underway to convert the plant to operate with natural gas. A special feature of this plant is that it can be remotely controlled from our Nueva Renca power plant.

# Renca

This power plant, also located in the municipality of Renca in the Metropolitan Region, was inaugurated by Chilectra in December 1962. Since 1998 it has operated as a backup plant. This means that it comes into operation when it is required due to natural gas shortages or when there is a dry year. Currently, this plant has an installed capacity of 100 MW and consists of two diesel oil-based generating units. It also has a favorable RCA until August 2025.



# Santa Lidia

The Santa Lidia power plant, located in the Cabrero municipality in the Biobío Region, began operations in 2009. Its installed capacity is 139 MW, which are injected at 220 kV in the Charrúa substation. This power plant generates electricity based on diesel oil and, like Los Vientos, has the particularity of being controlled remotely from Nueva Renca.





# OUR PROJECTS

# CEME1

The CEME1 solar plant is a solar photovoltaic project that is currently in the construction phase. The plant, which is located seven kilometers from the municipality of María Elena in the Antofagasta Region, will have 480 MW of installed capacity. It is expected to start operations in the last quarter of 2023.

It covers a total area of 435 hectares - equivalent to 370 soccer fields - and includes a transmission line of approximately 9.6 kilometers, which will connect to the National Electric System at the Miraje Substation. It will also have 882 thousand high-tech solar panels.

An important commitment of this plant is to be environmentally responsible. For this reason, it will be different from other photovoltaic projects in that it will have better land use efficiency, with greater power per hectare, thanks to its fixed structure where the modules are located to the east and west. In addition, it will have between 80% and 90% lower water consumption compared to similar projects, thanks to the robotization of the panel cleaning processes. It is also expected to incorporate energy storage systems in the future by means of 1,200 MWh of batteries.

On the other hand, CEME1 has string-level monitoring, which allows the capture of a large amount of disaggregated data, which in the short term will allow us to use artificial intelligence tools for the optimization of operation and maintenance. In the same way, it will have central inverters with battery charging system, which come from the factory with technology that allows them to be directly connected to battery banks. This allows us to charge them using direct current energy before it is transformed to alternating current, which makes the process very efficient.

We estimate that the plant will generate approximately 1.05 MWh of electricity, which will be injected into the National Electric System.



# Sol del Loa

In November 2022, the RCA was approved for our Sol del Loa solar photovoltaic plant optimization project, which was first approved in 2012. It was a major milestone for our company, as another improvement project submitted in 2019 to the SEA was rejected. The approved optimization project is located near the town of Quillagua, in the municipality of María Elena, Antofagasta Region, and Pozo Almonte, Tarapacá Region.

The project involves the construction of a solar power generation plant with an installed capacity of 800 MW.

# La Pampina

In February 2022, a favorable RCA was obtained for the construction of the La Pampina solar photovoltaic project. The project considers the construction of the plant with an installed capacity of 200 MW, whose location will be adjacent to the CEME1 plant, approximately seven kilometers from the municipality of María Elena in the Antofagasta Region.

The construction of this plant also includes the installation of approximately 363,636 photovoltaic modules, with a power of 550 Watts each, which will be installed on fixed support structures.

In addition, we are contemplating the construction and operation of a 33/220 kV electrical substation and a 220 kV subway high voltage line of approximately 500 m in length.

We estimate that the plant will generate approximately 0.44 MWh of electricity, which will be injected into the National Electric System. The project also includes the installation of photovoltaic modules with transformation centers and a 220 kV elevator substation; energy storage areas with batteries; a control room; and a new connection point with Transelec's Frontera substation.

We estimate that the plant will generate approximately 1.76 MWh of electricity, which will be injected into the National Electric System.



# INNOVATION

Innovation is in our DNA because it allows us to rethink how we want to do things, a value we promote in our company's culture. In this sense, during this last period, we have developed various initiatives and projects to contribute to our country's energy transition and promote innovation among and with our collaborators. However, until 2020, there was no transparent methodology to promote innovation in all areas and levels of GM. In line with this, we decided to take a step further. In 2021, we launched an Innovation Program with DICTUC Consulting to address this issue in an orderly and systematic manner. At this starting point, we focused our reflection on the "why," the "how," and the development of abilities, where we conducted exhaustive work, with in-depth interviews with each of our managers to answer these questions. In this search, we found a unanimous vision among all participants, with arguments related in general to the characteristics of the energy industry and the relevance to attracting and retaining talent in the organization, defining the specific objectives on which



we would work. Many innovative ideas have come from our employees, as there is a general motivation around this topic and they are always looking for solutions. Regardless of the area in which they work, they are given every opportunity to have their ideas implemented if they are viable.

exceptional enthusiasm:

### **Operational Continuity:**

This project seeks to detect, through artificial intelligence, possible future failures that could occur in our plants, processes, and organization projects, as well as to recommend replacement / update of supplies according to best practices and potential efficiencies.

# GM Lab:

# **Innovation Committee**



In March 2022, our key ally, DICTUC, held a talk where we proposed the creation of an innovation team. We explained its objective, and the work methodology, and opened the door to all volunteers who wanted to be part of this initiative. Thus, after 42 hours of training during three months, 12 volunteers from different areas of GM, passionate about innovation, completed a workshop. This led us to new and innovative business ideas through the ROBIN® (Real Options Based Innovation) model.

We thank the members of this program for their commitment to innovation during 2022.

challenge we set them."

### As a result, this group of collaborators presented three projects to all GM managers, who received these ideas with

the integration of services, to services that strengthen the

### **Power Coverage Agreement:**

# "This is a super motivated, outstanding, creative, resourceful team, and they have made excellent progress in solving the

Dictuc Consultant

# CORPORATE SUSTAINABILITY STRATEGY

In May 2022, we began the design of our Corporate Sustainability Strategy, with the objective of positivizing, maximizing, and adequately communicating the impacts of our business in all ESG aspects, bringing the company to the best market standards. We began this process by validating a sustainability diagnosis in 2021, defining and prioritizing the strategic focuses on which we would work.

As the next key point, during 2022, we were designing a specific action plan for the short, medium, and long term. With this, we hope to generate a culture of sustainability within GM, with the appropriate socialization of the different actions, through a training and internal communications plan focused on generating coherence and a genuine hallmark of our company. In the strategy design process, we have demonstrated our commitment to GM's stakeholders through specific consultations with all of them and a benchmark to other generating companies. These inputs were fundamental in the research on the management and sustainable performance of the industry in general. It also served as a basis for identifying our current performance in this area as a starting point. We identified that GM's sustainable management reflected a posture and level of ambition focused on regulatory compliance. In addition, we used international sustainability standards and frameworks such as the Global Reporting Initiative and the SDG 2030 as a reference.

Also, to give it a solid foundation, it was key to consider a corporate risk assessment within this strategy, which we carried out in 2022. In this area, we considered the identified risks holistically, linking the different components of our organization, both operational and those related to the planet and climate change. While we considered the identified risks in the design of this strategy, you can find a detailed update of our comprehensive risk management model in Chapter 3 of this report.



After analyzing all the information above, we identified the relevant issues we must manage to guide the sustainable development of our business, defining the company's material issues. These were the fundamental basis for the design of the Sustainability Strategy since their classification by ESG dimension allowed the creation of the pillars, objectives, and goals



Our purpose explains why we exist and where our Sustainability Strategy directs us. Generadora Metropolitana seeks to provide energy solutions to improve people's quality of life. For the definition of the strategic pillars, we strive to translate the purpose into high-level categories in which efforts can be concentrated to manage the company's material issues. In the same way, the structure we use considers the definition of strategic objectives for each pillar, which will be met through the establishment of under the structure used for this project. Thus, based on the priority issues of our management, we defined 4 pillars as the foundation of this strategy, which are harmoniously interrelated with the purpose of our company. At the same time, we defined objectives and goals for each pillar, which will keep us working on a map for its future implementation.

goals and follow-up KPIs or milestones, definition of initiatives, and those responsible for their fulfillment, which will allow us to measure our progress year by year and reevaluate each objective and goal.

It should be noted that the strategic objectives defined for each pillar, with their respective goals, are still being developed in collaboration with expert consultants and are expected to be validated by our Management Committee during the first half of 2023.

# Our corporate sustainability strategy and its pillars

Corporate governance and transparency	We aim to be sustainable through innovation in our governance structure and to have a transparent engagement with all our stakeholders in order to generate shared sustainable value.	To have an operational ESG governance structure. Strengthen communications and transparency mechanisms with our stakeholders. Strengthen sustainable culture and management through our employees. Strengthen the ESG focus in GM's Risk Management System.
Human capital, health, and safety	We want to innovate for the diversity, inclusion, attraction, and participation of our workers and be safe in the development of our operations to improve our people's quality of life.	Promote the well-being and professional growth of our workers. Protect the health of our workers in the development of the company's operations. To prepare for the energy transition and decarbonization of our operations in order to have a fair transition strategy for our workers.
Low-emission energy and environmental management	We want to be sustainable and innovative in the development of our operations in order to provide energy solutions to the electricity market in our country.	Contribute to the country's carbon neutrality and energy transition goals. Continue searching for new opportunities to transition to renewable energy and storage technologies. Promote initiatives for resource management efficiency.
Contribution to society	We want to contribute to improving people's quality of life through our community engagement activities and promote sustainability throughout our chain of value.	To continue strengthening our relationships with the communities where we operate. Promote sustainability in our suppliers. Contribute to local initiatives where we operate.





ECONOMIC AND

# PERFORMANCE GOVERNANCE



# FINANCIALS AND FIGURES

### GRI [201-1, 201-4]

Our economic performance is reported annually through the audited financial statements of Generadora Metropolitana, which consider data up to December 31, 2022, and respond to our Finance Management's management. These values are obtained from the financial statements from GM Holdings S.A. and Subsidiaries, GM Energy SpA., and GM Developments SpA. and Subsidiaries. Additionally, during the 2022 period, we obtained tax credits from the government for a monetary value amounting to USD 72,103.

# Below, we show the results that demonstrate the retained economic value of the GM group, considering our income and expenses.

Generated economic value (GEV) 2022 MUSD	
Net sales (+)	732,071
Financial income	3,405
Other non-operating income	1,502
Total VEG	736.978

Distributed economic value (DEV) 2022	2 MUSD
Cost of sales	-675,152
Administrative expenses	-13,192
Financial costs	-28,309
Taxes	-7,456
Donations	-171
Total VED	-724.280

### Retained economic value (REV) MUSD 2022

Total VER (VEG-VED)	12.698

The Retained Economic Value (REV) is the difference between the Generated Economic Value (GEV) and the Distributed Economic Value (DEV). The figures that make up these values reflect the economic profile of the organization and can provide a useful representation of the direct monetary value added to local economies.



# ETHICS, COMPLIANCE AND HUMAN RIGHTS

GRI [2-15, 2-23, 2-24, 2-26, 2-27, 205-1, 205-2, 205-3, 206-1, 406-1, 408-1, 409-1, 411-1]

We are committed to incorporating the values and policies of responsible business conduct in all our activities and business relationships. To achieve this, we have implemented several measures:

# Designation of responsibilities:

Each employee receives specific objectives aligned with the company's overall objectives and personal goals related to their area of work. This ensures that we are all working together towards a common goal.

# Application in business relationships:

We are committed to applying these commitments in our business relationships with partners, suppliers, and customers. We encourage transparency, ethics, and mutual respect in all our interactions, seeking to establish solid, long-term business relationships.

### Recognition and contests:

To encourage and promote adherence to our corporate values, we hold contests and have a recognition program on our intranet. These recognitions can be made by any person in the company to another employee when exemplary behavior that reflects GM's values in an outstanding way is evidenced. The specific action to be recognized and associated with which value must be highlighted. All the recognized people are announced periodically, and at the end of the year, we award those who stand out the most.

# Integration of commitments into strategies:

Responsible business conduct commitments and policies are integrated into our organizational strategies. They are seen as fundamental principles that guide our decisions and actions in all areas of the company.

# Education and training:

We value the continuous training of our employees. We conduct periodic training to ensure that our teams are properly prepared and trained to carry out their tasks ethically and responsibly. This allows us to have qualified personnel who can contribute to achieving our organizational objectives.



Through these actions, we seek to ensure that responsible business conduct commitments and policies are ingrained in the DNA of our organization, promoting a strong and consistent corporate culture throughout our operations.

Good communication is always key. Our news, milestones, policies, and commitments are disseminated through an intranet platform that every employee has access to. In addition, all this information is projected on dynamic murals on screens throughout our facilities. We also send daily e-mails with different topics that employees should know about. Personal objectives are also defined and recorded on the intranet, allowing us to establish more effective and transparent monitoring of the progress and achievements of each employee concerning their goals and contribution to the common objective.

On the other hand, regarding the mechanisms to request advice and raise concerns about the application of policies and practices of Generadora Metropolitana, our employees can do so through their hierarchical superior, the legal area, or the reporting channel, and also to raise concerns about business conduct.



# CODE OF ETHICS AND CONDUCT

All members of Generadora Metropolitana must adhere to the Code of Ethics and Conduct and, consequently, will be individually responsible for their actions. The purpose of this document is to establish and formalize, in accordance with principles and values, the general guidelines that GM uses as a reference for all employees so that they can analyze and decide the best course of action in their relations with customers, suppliers, authorities, superiors, coworkers and, in general, with the rest of the industry, society, and the environment.

In addition to adhering to this code, all employees must pass an annual compliance course, regardless of their position or authority. The Legal and Compliance Management is responsible for leading and coordinating annual courses and training in this area, with external specialists who carry them out.

Likewise, suppliers and contractors who have a service or supply relationship with GM or subsidiaries must also adhere their actions to our Code of Ethics and Conduct through a letter of acceptance signed by their legal representative during the bidding processes and the signing of framework contracts.

In the same sense, our Code of Ethics and Conduct is clear and firm on compliance with the anti-corruption laws that govern its global operations, including the Chilean Corporate Civil Liability Act, the United Kingdom Bribery Act 2010 Anti-Corruption Regulations ("UKBA") and the United States Foreign Corrupt Practices Act ("FCPA"). Thus, all employees, representatives, consultants, partners, and anyone doing business on behalf of GM must comply with applicable anti-corruption laws at the cost of severe criminal and civil penalties. During 2022, 100% of our counterparties were reviewed in compliance databases to determine whether there were risks associated with corruption. We also sent them due diligence questionnaires to be completed and signed by them. As a result, we are pleased to report that no incidents of corruption of any kind were recorded in GM during this period.



Another relevant aspect included in our Code of Ethics and Conduct refers to potential conflicts of interest of GM employees with third parties of the company. Our commitment is to ensure that those employees who face any kind of conflict of interest must refrain from intervening in the decision or transaction with this third party and then consult and notify their direct manager through the corresponding channels provided by the company.

This code also considers establishing an Ethics Committee, which will be formed by the General Manager, the People Manager, the Legal and Compliance Manager, the Technical Manager, and the Commercial Manager. The Committee will meet at least once a year and will have the task of reviewing and updating the content of the Code of Ethics and Conduct and implementing corrective and preventive measures, if necessary, to ensure compliance with it.

# Child labor or forced labor

Our Code of Ethics clearly reflects GM's position on specific human rights issues. It expressly states our rejection of child labor. The recruitment and selection processes with which we work are governed by rigorous criteria that validate compliance with the necessary technical competencies, in addition to the legal provisions contained in Chapter II "Capacity to hire and other regulations related to child labor", Title I of the Labor

Respect as our guiding principle

Our Code of Ethics is clear and emphatic on respect, representing one of GM's core values. It considers "respecting all people and their rights and refraining from any kind of intolerant behavior, discrimination and/or violence, whether physical or mental. Promote transparent dialogue, trust, and team spirit. Respect and protect the private life of direct or indirect collaborators and follow procedures to protect personal data. Use freedom of expression without harming the company's values, security, and business". Being consistent with this principle, during 2022, there were no cases of arbitrary discrimination against people based on religion, age, sexual orientation, origin, nationality, race, ethnicity, disability, or any other identifiable condition or trait, which are not factors that may affect hiring, promotion, development opportunities, payment benefits, or any other practice of the organization.

Code, reserving the right to hire only people over 18 years of age.

On the other hand, regarding forced labor, as expressed in the same code, we consider it unacceptable to keep any person under pressure or threats to perform activities against their will.

Within this same framework of respect and our ethical standards, no violations of indigenous peoples' rights were identified. Our interest in maintaining relationships based on trust, ethics, and transparency extends to all the communities where our projects are located. We are highly committed to them and keep our attention on their interests, carrying out actions and investing resources, time, and talent to contribute to the improvement of their quality of life.

Our employees know the channels for reporting all these facts, so if they observe or suspect any conduct that violates any of these circumstances, they should inform their direct boss, the Ethics Committee or the People Management.

# Regulatory compliance

Within the framework of our legal obligations and internal policies, we highlight that during this period, we did not present any cases of non-compliance with regulations, guaranteeing and demonstrating our capacity to adjust to the correct performance parameters. Nor were there any legal actions in which GM was involved concerning unfair competition, nor were there any violations of the applicable legislation on monopolistic practices and against free competition, as we are aware that this affects consumer choice, prices, and other factors essential to market efficiency. This is how we seek to contribute to economic efficiency and sustainable growth.

# **RISK MANAGEMENT**

### GRI [2-16, 201-2]

### **Risk Management Model**

During 2022, we worked on updating our comprehensive risk management model. This update evaluated our company's corporate risks for their subsequent multi-impact assessment. This process considered the participation of the Management Committee and other company executives from every area.

Our new model considers the inclusion of three lines of defense for the organization's risk management. The first is for the implementation of risk management procedures in the company's day-to-day operations through defined controls and action plans. This comprises the different business management and risk managers within the company. The second line of defense will be responsible for Integrated Risk Management and will provide assistance and support to the first line in the implementation process. It is

# Inclusion of the concept of the three lines of defense for the organization's risk management:

First line of defense	Second line of defense		Third line of defense
Business Management	Risk Management Function		Auditing
Support Management	Sustainability	MPD	
Risk Managers	SSO	Quality	
• They implement the Risk Management procedure, are the holders of the risks, and are responsible for their management.		ense in the risk	<ul> <li>Independently evaluates the integral risk management process and the application of the policy and procedure.</li> </ul>
<ul> <li>They monitor risks on a daily basis through the defined controls and action plans.</li> <li>They report to the corresponding instance on changes and decisions related to risks.</li> </ul>	<ul> <li>Accompanies and ensures that all company risks are managed.</li> <li>Reviews, supervises, and ensures compliance with the risk policy and procedure.</li> </ul>		<ul> <li>Reports to the Board of Directors on the effectiveness of the Risk Management Model, relevant findings and/or non-compliances observed.</li> <li>Evaluates the effectiveness of the controls described for each risk.</li> </ul>
↓ Finance Committee	↓ , people, among ot	hers.	
		Directors' C	committee
T	Board of	f Directors	



made up of representatives from the Occupational Health and Safety area and Sustainability Management. Finally, the third line of defense, which will be led by the company's audit area, will be responsible for independently evaluating the comprehensive risk management process and the application of the future Risk Management Policy and Procedure, which has been worked on during 2022 and is expected to be validated and implemented in the second half of 2023.

These new lines of defense for the organization's risk management are framed within the existing governance, in which risks are supervised by the Finance and People Committee and the Directors' Committee of our company and then raised directly to the Board of Directors.

During the second half of 2022, Sustainability Management carried out an update of existing risks in GM, incorporating in this exercise a vision of climate change and its impacts on the business. The risk inventory exercise identified a total of **17 risks**, which will be managed according to the following categories:

$\bigcirc$		$\bigcirc$			
Compliance:	Strategic:	Financial:	Operational:	Reputational:	Climate change:
Risks related to compliance with all cypes of regulations, laws, and other legal documents in any field that regulate the company's actions.	Correspond to risks that directly affect the fulfillment of the company's strategic objectives and issues related to the activities of the strategy.	Risks related to the company's financial and economic processes. Their main consequences are financial or economic losses that impact Generadora Metropolitana's financial statements.	Risk of operational failure arising from errors in internal processes, personnel, systems, and applicable internal controls. Or due to external events.	Risks that affect the organization's image and that correspond, although not exclusively, to the organization's relationship with stakeholders.	Risks related to compliance with all types of regulations, laws, and other legal documents in any field that regulate the company's actions.
<ol> <li>Regulatory changes</li> <li>Corruption and bribery</li> </ol>	<ol> <li>Geopolitical events</li> <li>Lack of strategic vision</li> <li>Disappearance from the market</li> </ol>	<ul> <li><b>6</b> Difficulty in obtaining financing</li> <li><b>7</b> Difficulties with cash flow</li> <li><b>8</b> Exchange rate</li> <li><b>9</b> Increase in operating costs</li> </ul>	<ol> <li>Gas supply</li> <li>Relocation or cessation of operation</li> <li>Project delays</li> <li>Staff turnover and attraction</li> </ol>	Relationship with communities ns	<ol> <li>Decarbonization of the energy matrix</li> <li>Carbon footprint</li> <li>Business diversification</li> </ol>





# SOCIAL PERFORMANCE



# OUR TEAM

### GRI [2-7, 401-1]

The heart of GM is our people, who work daily to deliver the best service. We are interested in making our culture the main factor in attracting talent, promoting high professional standards, and expressing our deep concern for people and the environment that surrounds us.

	R	M*	V Region		VIII Region		TOTAL
	Men	Women	Men	Women	Men	Women	TOTAL
Permanent employees	100	27	8	0	7	1	143
Temporary service employees	10	2	1	0	0	0	13
Total number of employees	110	29	9	0	7	1	156

\*During 2022, two employees worked in CEME1, Antofagasta Region. However, given their usual residence, they were considered in the RM.

As of December 2022, we ended the year with 156 people hired by GM and temporary services.

As part of our organizational culture, we focus on attracting new talent and retaining those who have been with us for a large part of our development. We are interested in cultivating our employees' professional growth to improve the company's stability and continuity. In this sense, in 2022, GM's total rate of new hires reached 23% of the workforce, and, in turn, the total turnover rate was 6.5%. These figures were calculated considering the number of permanent employees and not temporary services, as the latter are associated with specific company projects.

New hires 2022				
	RM	V Region VIII Regio		
	By ge	nder		
Women	10	0	0	
Men	22	0 1		
By age				
Up to 30	11	0	0	
Between 31 and 50	20	0	0	
Over 50	1	0	1	
TOTAL	32	0	1	
Rate*	22,3%	0%	0,7%	

\*Hirings/Staffing \*100

Staff turnover 2022				
	RM	V Region	VIII Region	
	By ge	nder		
Women	8	0	0	
Men	15	0	1	
By age				
Up to 30	1	0	0	
Between 31 and 50	20	0	0	
Over 50	2	0	1	
TOTAL	23	0	1	
Rate*	6,5%	0%	0%	

\*(Income-Expenses)/Average endowment for the year \*100

# OUR CULTURE

### GRI [401-2, 401-3]

In line with GM's purpose and values, we are concerned with building a solid work culture where our employees can feel that they work in a safe and positive place that not only promotes their performance and productivity but also has a healthy balance between personal and professional life so that we are all motivated to do a better job. We are committed to strengthening our organizational

# Benefits

To promote the well-being of all our employees, we have life, health, and dental insurance that they can opt for to cover different services in this area, such as health care, disability, and inability to work, among others. In addition, we have optional preventive medical check-ups that can be performed every two years.

In general, we strive to implement practices and policies that promote the work-life balance of our employees. Among these practices, we highlight the following:

# **Two administrative days per year** to attend to personal matters.

"Quality of Life" program that offers active breaks an massotherapy sessions, as well as free nutritional care our offices and plants.

### Exclusive breastfeeding rooms.

**Family Day:** we invite the families of our employees to participate in an event with recreational activities and tour of the facilities (Renca or Santa Lidia Complex).

All these initiatives and benefits are communicated through our internal media, such as intranet, mailings, online wall newspapers on TVs in all facilities, and climate, integrating new ideas, promoting the attraction of talent, and improving our employees' perception of their workplace. All these attributes are also measurable in the Great Place to Work ranking, where in 2022, we were rated for the second time, obtaining 9th place in the category of "Organizations up to 250 employees".



	<b>"Quality of Life"</b> program that offers active breaks and massotherapy sessions, as well as free nutritional care in our offices and plants.
and re in	<b>Sports vouchers</b> for activities of each employee's choice.
	<b>Special celebrations:</b> Mother's Day, Father's Day, Women's Day, Independence Day, and Christmas, with gifts, bonuses and special activities.
to d a ).	<b>Vacation bonus</b> to encourage and support the GM employees' rest.

physical wall newsletters, so that everyone is informed of their benefits.

# Telework

As an internal policy, we promote work flexibility, recognizing the importance of balancing professional and personal life.

In this area, it is worth mentioning that our telecommuting policy began even before the pandemic and today gives our employees, whose jobs allow it, the possibility to work two days a week outside GM's facilities.

# Diversity, equity, and inclusion

At Generadora Metropolitana, people, diversity, and gender equity are part of our DNA and our way of doing business. They are fundamental pillars of our work environment and corporate reputation.

We are aware that diversity in organizations, in addition to providing different opinions, favors innovation and is a key factor for retaining the best talent. It undoubtedly makes a difference in generating trust and commitment internally. However, historically, a majority male participation has marked our industry, and female participation remains a major challenge. A study conducted in 2018 by the Ministry of Energy<sup>(1)</sup> revealed that female participation in the energy sector is a mere 23%.

As of 2022, our female staff was 19.6%, and 40% of the total number of women occupy leadership positions.



Therefore, our commitment in this item is twofold since the policies to promote women's work are aimed both within the company and the sector in which we are immersed, making strong progress in promoting inclusion, diversity, and equity within the energy industry.

In this sense, we have implemented various practices to attract talent to incorporate more women at all levels of the organization. One of the first measures is to carry out our recruitment, selection, and hiring processes based on merit and without gender bias, requesting as far as possible to have 50% female and 50% male applicants. In this way, we seek to guarantee equal opportunities between men and women and avoid any kind of discrimination.

<sup>1</sup>Ministry of Energy, Government of Chile. Yearbook, Energy + Women: 2018 Progress 2018 2019 Challenges. Santiago de Chile, May 2019.





To enhance this commitment, in 2022, we formed the **IDEA Committee**, whose acronym stands for Inclusion, Diversity, Equity, and Action. This committee aims to promote and implement organizational culture change to make it more inclusive, diverse, and equitable. During the year in question, we conducted a survey to learn about our base, and we hope to implement an action plan in 2023 with the help of a specialized consultant to help us promote these issues internally, at a cultural level, and further improve procedures and practices.

We also participate in trade associations to empower women, such as the Ministry of Energy's **"Energy + Women"** program, to which we adhere, committing ourselves to carry out initiatives to incorporate more female talent into the energy sector. We are also part of WEC Chile and participate in its women's leadership program, which provides tools and knowledge to women who participate in it (one per member company per year), which seeks to create more and better opportunities for women in the energy industry. We strive to promote a culture of equal opportunities and use our spaces to reinforce the balance of family responsibilities, allowing us to lead our professional and personal lives in harmony. In 2022, only 2 people in our organization were entitled to take parental leave, and used this benefit. Both cases were women who were able to return to their workspace after the end of their parental leave in 2022.

# This gives us a return to work and a retention rate of 100%.

While these leaves are legally granted, we additionally provide an extra day of birth leave for everyone at GM in accordance with our **Vacation and Leave Policy.** We also have a childbirth bonus.

In addition, at Generadora Metropolitana, we value the importance of education and training regarding gender equity and the elimination of gender biases and stereotypes.

For this reason, we have organized various training sessions for all levels of our company, including the following initiatives:

Workshop "Equity Sponsoring".	"Sorority" talk.	Mentoring program
To sensitize and train GM members regarding gender equity.	To promote solidarity and support among women and encourage collaboration and teamwork.	To foster the development and growth of women in the organization through mentors who work together to develop skills and competencies.
Leadership program	Commemoration of	#WomenWithEnergy
Designed to develop the skills of employees, both women and	International Women's Day, LGBTIQA+ Pride Day, and International	A campaign that seeks to make visible and highlight the work and achievements of women in
men, so that they can perform effectively in leadership roles within the organization.	Day of Persons with Disabilities.	GM, promoting their recognition and appreciation. One of our female employees is

We are generally interested in encouraging all our employees to commit to and participate in inclusion and diversity initiatives. To this end, we have the technical support of consultants specialized in gender, inclusion and diversity issues, such as Woomup and Consultora DEI, who have been in charge of the different initiatives.

Although our commitment is reflected through all these initiatives, we are interested in promoting

diversity, equity, and inclusion as part of GM's internal culture. For this reason, during 2022, we have begun work on developing our **Diversity and Inclusion Policy**, which we hope will be approved and fully operational as of 2023.

In the appendix of this report, you can find our main diversity indicators for this period.

# LABOR RELATIONS

### GRI [2-30, 402-1]

# Freedom of association

We are interested in maintaining relationships of trust with our employees and promoting spaces for communication with them. This is reflected in the existence of two union agreements in GM, based on the general market practices of the electricity sector, which today cover 97% of our organization. There is a constant dialogue between union leaders and GM, where there is a mutual disposition towards clear communication and support, which translates into collective bargaining, always in accordance with the law that regulates these instruments. Likewise, we provide the facilities so that the leaders and their bases can evaluate the conditions offered, always ensuring freedom of negotiation.



# Information on relevant operational changes

In 2022, there were no relevant operational changes that could significantly affect our employees. On the other hand, there are no formal agreements regarding minimum notice periods for legal changes. However, in case of occurrence, sufficient advance notice will always be taken into consideration to inform employees directly, always ensuring their care. In this sense, in GM, we have defined communication tools for employees, led by the Technical Management, focused on change management, informative talks, and continuous support to those involved.

# TALENT DEVELOPMENT

### GRI [404-1, 404-2, 404-3]

We know that in order to take care of our talents, it is important to empower them and encourage their capabilities to improve everyone's performance, keeping them motivated personally and professionally.

We currently have a **Development Training Policy**, which aims to align the company's purpose with the continuous improvement of its performance and the necessary adaptation to the requirements and constant changes in our environment.

We understand that to achieve GM's continued success, we need qualified people with high technical standards and optimal knowledge and skills for their development. Thus, this policy was established as part

of our culture to provide the necessary tools to all our employees for the development of key core competencies of the business in a transversal manner, annually allocating an adequate budget for investment in training and development.

During 2022, the training provided was operational, technical, risk prevention, regulatory, legal, behavioral competencies, office automation, IT, project, financial, and language training. All these are included in GM's Annual Training and Follow-up Program, aimed at the entire organization and which reached 93% of our staff. That is 133 people, with a total of 10,080 hours of training, giving an average of 76 hours per person.

# Performance evaluation

We are focused on our people, constantly seeking to achieve the professional growth of our employees and encourage feedback as part of GM's culture. To achieve this, aligned with our purpose and values, we conduct an annual performance evaluation. In this way, everyone can identify and discuss the skills, abilities, and opportunities for improvement in the workplace, driving the optimization of processes and results, in addition to the achievement of the company's strategic objectives. **In 2022, our performance evaluations were conducted on 100% of all our employees.** 

Percentage and hours of training in 2022			
Gender	Women	22%	2.212 hours
Gender	Men	78%	7.970 hours
	Executive	2%	202 hours
Job	Middle Management	23%	2.318 hours
category	Professionals	42%	4.234 hours
	Administrative and operatives	34%	3.427,2 hours



To carry out this process, we use the OpenAgora platform, where, digitally, employees upload their goals and objectives with measurable KPIs. These are then approved by each manager. At mid-year, a review is carried out, and finally, a closing is made to receive feedback at the end of the evaluation period. Additionally, through the same platform, we carry out the process of detecting training needs (DNC), where each employee indicates the training courses that he/she would be interested in taking the following year to strengthen their skills and develop their work best. Each manager must subsequently review this proposal and adjust it if necessary. The proposed courses are then evaluated by a committee.

# OCCUPATIONAL HEALTH AND SAFETY OF OUR TEAM, CONTRACTORS AND SUPPLIERS.

### GRI [403-1, 403-2, 403-3, 403-4, 403-5, 403-6, 403-7, 403-8, 403-9, 403-10, 411-1]

Safety is a central focus of GM, as it is in everything we do. Our philosophy is that no activity should be performed without a proper procedure and a safe job analysis. Having our workers at the heart of the company, it is of vital importance to prioritize their health and promote self-care.

At GM, thanks to the management of the safety area, we manage an Integrated Management System (IMS) in occupational health and safety, certified under the international standard ISO 45.001, and an Environmental Management System, certified under the international standard ISO 14.001, with scope in the generation process of our 3 operating power plants: Nueva Renca, Los Vientos and Santa Lidia.

This system responds to legal requirements and the needs of our employees and the environment, incorporating them all. It is guided by our **Integrated Risk Prevention, Occupational Health, Environment, and Communities Policy and the Integrated Management System Manual.** It maintains internal operational, structural, and local procedures, as well as external procedures such as REPECS and 24 standards for contractors.

We keep our system solid, considering policies, procedures, plans, risk matrixes, standards, and protocols necessary to comply with all legal requirements. To evaluate and validate compliance with these environmental, safety, and occupational health regulatory requirements, we have conducted periodic verifications and reviews since our inception, through internal and external audits according to the needs of the work or activities. These are carried out based on an annual schedule, which allows us to maintain continuous improvement in our systems and establish specific action plans to cover existing gaps.

We also have procedures for hazard identification, risk assessment, nonconformity procedures, and corrective and preventive actions to investigate and record any work-related incidents. It should be noted that since we began operations, we have not received any nonconformities or recommendations from certification agencies.

Additionally, we maintain a mandatory program of pre-occupational and occupational exams conducted by the corresponding OAL for all our employees, who are guaranteed the necessary time to attend their exams without inconvenience.

Employees and workers who are NOT employees, whose work or workplace is controlled by the organization, covered by the occupational health and safety system.	No.	%
Total covered	319	100
Those covered by a system that has been subject to internal audit	60	18,8
Those covered by a system that has been audited or certified by an external party	40	12,5

NON-employee workers: Workers who are not directly employed by GM, but whose work or workplace is performed within the organization.

# Main commitments

Our upper management has defined commitments with the management system and the protection of the health and safety of employees, the environment, the communities, and the management of its assets, defining the main commitments:



Promote and enforce compliance with legislation, current regulations, and commitments to which the organization subscribes. Update and disseminate our corporate policies.



Maintain and permanently strengthen our relationship and link with neighboring communities.



Promote continuous improvement.



Assets must be managed throughout all life cycle phases, thus encouraging the evaluation of the impact of decisions at the different stages established as standard by the company.

We have an annual work plan that considers our own personnel and contractors, emphasizing operational control, process digitalization, innovation, culture and training of all employees.

In 2021, we achieved the multi-site certification for GM's plants. The achievement of this great goal filled us with pride and is the result of great multidisciplinary work in the standardization and implementation of these standards in a transversal way.

Since the end of 2021, we have been working to comply with the RPTD N°17 SGIIE normative technical specifications based on the requirements of the ISO 55.001:2014 standard.

In this period, 2022, we are in the process of implementing an Asset Management System.



Determine, evaluate, monitor, and control environmental impacts and climate change and their associated risks.



Eliminate hazards, evaluate and reduce risks, and implement the necessary control measures to prevent accidents, injuries, and occupational diseases associated with our activities.



The company's strategic asset management planning should ensure the generation of value and sustainable growth, meeting strategic objectives and stakeholder requirements.

Annually and aligned with the company's strategic objectives, objectives are established to manage improvements in safety, occupational health, and environmental performance. To this end, goals are defined with their respective action plans and periodic follow-up, ensuring compliance in the business units.

In our commitment to digitalization, during 2022, we worked on developing the Integrated Management System Platform. This facilitates the control and monitoring of activities, user access to information, and management of the actions assigned to them within the annual programming to fulfill objectives, audit programs, closing legal gaps, treatment of non-conformities and incidents, etc.

# Involvement of our employees

Safety is one of the values that drives our actions and is not only focused on physical care and accident prevention but also encompasses a greater concern to assume responsibility for the care of our physical and psychological well-being. There is a constant interest in improving the well-being and quality of life of all those who make up GM, encouraging our self-care and the participation of our collaborators in this matter.

In this sense, we facilitate access to medical and healthcare services unrelated to work and its scope through benefits that include our employees and their families. For example, through complementary and catastrophic health insurance, preventive checkups, medical, psychological, and nutritional consultation through the Betterfly app, a quality of life program that

provides massage therapy and active breaks, as well as a sports voucher and gym facilities in the plants, among other benefits that you can find in the "Our culture" section of this chapter.

In addition, as a support to the task of prevention in this area, GM has two Joint Health and Safety Committees. These committees are made up of 50% representatives of all our employees and 50% representatives of the company. They have the power to define actions to ensure compliance with all aspects related to risk prevention and occupational health.

	GM Committee	GMH Committee
Committee responsibilities	As set out in SD No. 54	As set out in SD No. 54
Frequency of meetings	1 per month	1 per month
Decision-making authority of the committee	Autonomous	Autonomous
N° of employees represented by the committee	12	12
N° of committee participants who are employees	6	6
N° of committee participants with management positions	6	6

In order to promote self-care, our Integrated **Management Policy** and the corresponding manual guide us towards training and education on occupational health and safety for all our employees. In this way, we hold an annual induction talk for new personnel, informing them of all the details related to

- Theoretical-practical training on the use of fire extinguishers
- Training in the use of PPE
- Training for rescue from confined spaces
- Lecture and training on first aid
- Dissemination of the Emergency Plan
- Annual Drill Program (gas leaks, electric shock, rescue at height, chemical leaks, earthquakes, etc.).

In addition, in conjunction with the IST, we maintain preventive and follow-up programs on the technical guidelines required by the health authority, such as

### Accident injuries and occupational diseases

In 2022, there were no cases of recordable injuries or injuries with major consequences due to occupational accidents. A record is kept of the main hazards that pose a risk to our workers, such as electrical hazards, falls, dangerous energies, and hot surfaces. In this regard, we maintain a MIPER that allows us to identify these hazards and evaluate their associated risks, which is periodically reviewed together with the employees in each area.

Also, during the period of this report, there was no record of occupational illnesses or diseases. However, we are aware that the main work-related hazards that could represent a risk of occupational illness or disease are noise from our operations and possible overexertion of our employees. These hazards are monitored in the same injury matrix, and, as an additional measure, we perform preventive maintenance on all our equipment and machinery and purchase the necessary equipment to support maneuvers that could pose risks in this area.

this subject, as well as induction talks for visitors. We are constantly informing and preparing our collaborators and also those who access our plants and operations through the following means:

PLANESI, TMERT, MMC, PREXOR, PSICOSOCIAL, UV radiation, among others.



# COMMUNITIES

### GRI [2-25, 413-1, 413-2]

We seek to build a long-term relationship with the host communities of our three operating plants (Nueva Renca, Los Vientos, and Santa Lidia plants) and the CEME1 project, incorporating standards in our management in an integral manner. In this way, thanks to the efforts of our Sustainability Management, we have ensured that 100% of our operations have

implemented programs for the participation of the local community, considering evaluations of our impact and development. We seek to respond to the needs of each community based on their identified geographic particularities.

# Objectives of the 2022-2024 strategy



Through the Community Relations team, Sustainability Management has promoted the construction of working alliances through a strong link with the host communities of Renca, Llay-Llay, Charrúa, and María Elena. We are interested in becoming part of the community as a neighbor to contribute to its development and well-being. We have supported this through clear communication, with direct and transparent discourse, based on investment projects and contributions to the development of community activities aligned with the four areas of focus in this area:

l Education	ll Heritage and tourism	III Health and quality of life	IV Environment and energy
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# Our territorial alliances and main community initiatives in 2022

During 2022, we are concerned about keeping our relationship with nearby communities active. We want to have clear, transparent, and constant communication, guided by respect and all the values that represent us, in order to generate and cultivate these long-term relationships. In this sense, we have implemented a series of initiatives and projects in the communities surrounding our plants and active projects, which have allowed us to make our culture,

# Outstanding community initiatives

# 1 Nueva Renca Power Plant

- "Women's Energy" Program, 2nd version.
- Ruta Sonrisas (Sonrisas Renca 2022)
- Energy Efficiency Program in Neighborhood Councils in Macrozone 2.
- Incorporation of new territorial actors.
- Guided visits of the Renca Complex to community leaders. .
- Contribution to Escuela del Trabajo. ۲
- The signing of Triennial Cooperation Agreement with the Municipality of Renca and the La Fábrica Municipal Corporation.
- Agreement with Liceo Politécnico Andes DUOC Renca to promote sports activities and healthy living.
- Landscaping intervention perimeter Manuel Bulnes Prieto School.
- Participation in museum exhibition for Heritage Day.

facilities, plant operations, and the power generation process in general known, in exchange for feedback that is rich in suggestions and expectations to guide our decisions. In the appendix of this document, you can find all the detailed information about each of these projects and initiatives with our communities.





# 2 Central Los Vientos

- Club Deportivo Unión Esperanza
- Donation agreement with Ilustre Municipalidad de Llay-Llay for remodeling and expansion of Sor Teresa de Las Vegas green area.

# 3 Central Santa Lidia

- Ruta Sonrisas (Sonrisas Charrúa 2022)
- Energy Efficiency Program with the installation of solar lights.
- "Learning by Doing" Program
- Restoration of the Nubeluz daycare center yard.
- Open day at the center for community leaders.
- Public-private partnership roundtable.

# 4 CEME1 Project

- "Technology at the service of education Liceo TPCH" Project.
- Ruta Sonrisas María Elena 2022
- SME Strengthening Program
- Chilean Folkloric Ballet Presentation in María Elena
- Contribution to the development of the Traditional Chilean Fair 2022
- Young Climathon
- Installation of informative exhibition on CEME1 at the Saltpeter Museum







### Complaint Mechanism

In line with our concern for quality communication, we have a clear procedure for managing claims and complaints to our organization, mainly for managing those claims, complaints or inquiries about the operations and maintenance processes of our plants. This procedure explicitly considers the steps to follow and responsibilities when receiving claims, complaints, or inquiries from the communities where we develop our operations or from other interested parties. During 2022, our company did not generate or contribute to significant negative impacts affecting the communities and involving remediation processes.

# SUPPLY CHAIN

### GRI [204-1, 308-1]

We know that suppliers are one of our main assets, and for that reason, we have a major challenge to guide all GM procurements towards a sustainable supply chain. Currently, our organization does not consider environmental criteria when selecting new suppliers. Similarly, social criteria are not a filter for supplier development. However, they are considered when evaluating the different tenders we seek. Although sustainable criteria are not 100% incorporated in our chain, during 2022, with the start of the Corporate Sustainability Strategy, we are guiding all our processes in that direction, seeking to define goals that promote sustainable development and align with our internal policies. In this sense, the guidelines

# Local suppliers

We understand local suppliers to be those located in the communities where our plants and construction projects take place.

# Percentage of spending on local suppliers by municipality

Renca 88% provided by our Code of Ethics and Conduct are also extended to our suppliers, to whom we request their adherence and signature at the time of contracting. Likewise, all the information of each supplier is requested and reviewed to complete the corresponding Due Diligence process. Considering a compliance tracker review of their extended legal situation and through an external supplier, Red Negocios, we can evaluate and monitor their commercial, legal, financial, technical, health and safety, and environmental risks.



GM's total spending on local suppliers in 2022 was **\$523,780,052.** 



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# ENVIRONMENTAL PERFORMANCE



# ENERGY MANAGEMENT

### GRI [301-1, 302-1, 302-3]

In February 2021, Law No. 21,305 on Energy Efficiency was published, seeking to promote the rational use of energy resources as a safe, economical, and sustainable way to cover our energy demand, which is increasing in countries such as Chile. In GM, we know that energy efficiency is key to sustainable development, as it influences all aspects of ESG and the proper management of these resources, which directly affects our business results.

Our purpose is to provide energy solutions to improve people's quality of life. In this sense, and being aware of the impact we can generate in the community, we are committed to contributing to the goals of energy management and carbon neutrality of the country, evaluating and promoting opportunities for transition to renewable energy and storage technologies, staying at the forefront and being an agent of change for those who still do not visualize the contribution that these actions can have.

At GM, all the energy used for self-consumption comes from self-generation or withdrawals from the system.

The methodology used to develop our calculations implied a great challenge for the organization since it is the first time we report this data and, therefore, the exercise of collecting it in all our operational areas reinforces the idea that communication and collaboration is essential to achieve our ambitions within the framework of this report. Below is the table of total energy consumption within the organization, which is the difference between our total fuel and electricity consumption and electricity sales.

# Total energy consumption within the organization [MWh].

Consumption (+)	4.209.514
Non-renewable fuels	4.202.041,5
GLP	363,8
LNG	2.147.612,9
Diesel	671.004,3
GNA	1.383.060,5
Electricity	7.472,8
Sales (-)	(2.496.000,0)
Electricity	(2.496.000,0)
Total	1.713.514,3

\*Conversion based on the National Energy Report 2021, published in November 2022.

# **Energy intensity ratio\***

Electricity consumption Total energy produced

\*For this calculation, we consider electricity consumption over the energy produced by all plants.



# 7.472,8 [MWh] 1.771.122,0 [MWh]

0,00423



As energy generation is our main product, the materials most used in our operations are fuels. As for other materials used in the production of the Nueva Renca, Los Vientos, and Santa Lidia plants, we identified the following as the most used: Bisulfite, Antiscalant, and Nitrite. The details of all the materials used in our operations can be found in the appendix of this report.

# **EMISSIONS MANAGEMENT**

GRI [305-1, 305-2, 305-3, 305-4, 305-6, 305-7]

### Our 2022 carbon footprint

Belonging to the power generation sector, it is evident that managing our emissions is a priority issue for our company, given the high impact of CO2 emissions on the global climate. For this reason, we consider it a fundamental aspect to contribute to fulfilling our country's commitments to energy transition and carbon neutrality.

Measuring our 2022 carbon footprint has been a great learning experience for us, leaving us with great challenges for 2023, such as continuing to improve our information-gathering processes and ensuring that we obtain timely and quality data. Another challenge, if not the most important, will be to define our emissions reduction ambitions through recognized management and disclosure frameworks for our sector.

We base the quantification of our 2022 carbon footprint on the methodology established by the **Corporate** Accounting Standard and GHG Protocol Report (also known as GHG Protocol<sup>1</sup>), which presents a traceable and verifiable working strategy. This standard provides a step-by-step guide for any organization to quantify and report its GHG emissions expressed in Carbon Dioxide Equivalent (CO2e). The emission sources considered in our report are CO2, SF6, CH4, N2O, HFCs, and PFCs, and include all those generated at our Renca Complex, Los Vientos Power Plants, Santa Lidia Power Plant, and our corporate office.



# Total GHG emissions from GM [ton CO2e]

	2022
Scope 1	794.652
Scope 2	7,9
Scope 3	333.390
Total	1.128.050

<sup>1</sup>The Greenhouse Gas Protocol (GHG Protocol) was jointly convened in 1998 by the World Business Council for Sustainable Development (WBCSD) and the World Resources Institute (WRI).

Scope 1 considers all emissions generated directly from fuel consumption from stationary and mobile sources and the use of refrigerants and SF6. On the other hand, the Scope 2 footprint corresponds to all indirect emissions due to electricity consumption from the network. Finally, our Scope 3 footprint considers those emissions produced by the purchase and transportation

# **Emissions intensity ratio\***

- Scope 1 and 2 emissions
- Total energy produced

\*For calculating the emissions intensity ratio, we consider our total Scope 1 and 2 emissions over the total energy produced.

# Other atmospheric emissions

To guarantee air pollution control in the environment where we carry out our operations, we have an integrated continuous emissions monitoring system (CEMS) at Central Nueva Renca. It can collect samples on-site, the results of which are reported through online communication between the environmental authority and the generating source in real-time. This allows us to

# Significant air emissions in 2022 [ton]

Pollutants	Nueva Renca*	Los Vientos	Santa Lidia	Total
Nitrogen oxides NOx	199,3	249,7	35,8	484,9
Hazardous air pollutants (VOC)	0,6	N/A	2,1	2,7
Particulate Matter (PM)	45,2	3,8	0,7	49,7
S02	2,5	0,6	0,1	3,3
C02	723.326	153.364	26.763	750.089

\*Central Renca operated only three hours in 2022 (due to tests requested by the National Electric Coordinator), so it was not included in this table.

of fuel and energy, waste generation, and business travel.

By 2022, 70.4% of our carbon footprint will be made up of Scope 1 emissions, with the largest source of emissions being the consumption of fuels from stationary sources.

794.659,9 [ton CO2e]	0.45
1.771.122 [MWh]	0,45

evaluate and monitor the efficiency and control of our processes, ensuring people's health and the environment's care. On the other hand, Central Los Vientos and Central Santa Lidia, as backup plants, report through an alternative method. Following this same line, we do not generate emissions of substances that deplete the ozone layer at Generadora Metropolitana.

# Our contribution in other figures

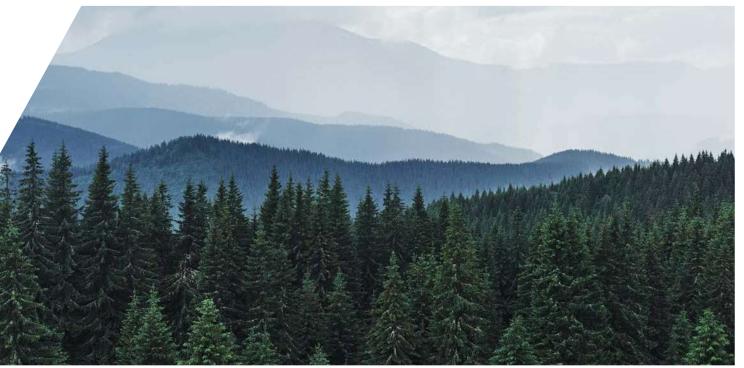
In the period covered by this report, we had a series of initiatives that we were able to conduct thanks to the motivation and participation of our employees, contributing to the care of the environment.

Among them, we highlight the contribution to the reforestation of the Chilean Patagonia and the sustainable technology used to paint the Renca and Nueva Renca power plants.

**2.700** trees were planted in Chilean Patagonia, capturing **810** tons of carbon over their lifetime.

We used **16** units of Photio<sup>[1]</sup> nanotechnological additive to paint the Renca and Nueva Renca power plants and the surrounding mural. The implementation of this paint leads to 90.240 kg of CO2 less in the environment, equivalent to 800 trees of average size.

<sup>1</sup>Photio is an additive added to the paint to transform any surface into a kind of air purifier that degrades the gases emitted.



# WASTE MANAGEMENT

### GRI [306-1,306-2,306-3,306-4,306-5]

We understand the importance of the waste generation process. And because transparency is a value that characterizes us, we have set the management of our waste as a great challenge, and we have it very present in the construction of our strategy.

We currently work with companies that have a resolution issued by the environmental authority to manage our waste through weighing, removal, and final disposal. Each of these (hazardous and non-hazardous) is declared in platforms enabled for monitoring and traceability (single window), which are subsequently subject to validation of information through reports to the authority. On the other hand, waste not destined for disposal goes to the recycling process, mainly vegetables and cardboard.

# Waste generated by type [ton]

Waste [ton]	Not destined for disposal
Hazardous waste	0
Non-hazardous waste	25,5
Total waste	25,5

Non-hazardous waste not destined for disposal includes paper and cardboard, on the one hand, and garden-related material, on the other. These end up being recycled and composted, respectively. Waste destined for disposal, hazardous and non-hazardous, is taken to a landfill.

In this context, we consider that the potential significant impacts of our waste may occur mainly due to soil contamination generated by our maintenance activities at the plants since these activities generate various types of chemical substances, contaminated material, waste oil, etc., which can lead to alterations in the quality of the soil. Another potential impact that our generated waste can produce is concerning contaminated RIL, which can contribute significantly to the alteration of water quality through spills in emergency situations in the plants. Given these potential impacts, we are constantly concerned about giving talks on good practices in waste management and handling and facilitating and indicating clean points inside each plant.

Destined for disposal	Waste generated
107,1	107,1
102,1	127,6
209,2	234,7

# WATER MANAGEMENT

### GRI [303-1, 303-2, 303-3, 303-4, 303-5]

We know that projections about the water situation in our country are not encouraging. In the coming decades, the country will be warmer and drier and the impact on water resources will be inevitable, which requires not only more research, but also a greater commitment in decisions of this type. At GM we are aware of the importance of controlling and reducing our water consumption, so we have put significant efforts in the search for the optimization of this resource, both in the number of water recirculation cycles that go to the cooling tower, as well as within the ultrapure water generation process.

At Generadora Metropolitana we use fresh groundwater for the production processes in our areas of operation. In these areas, this resource is extracted from deep wells and then treated and used in the electricity generation process, returning a significant volume to natural watercourses.

Reinforcing our commitment to the management of our natural resources, our Technical Management has implemented water consumption monitoring controls in all our power plants.

In addition, we conducted a hydrogeological study during the years 2021 and 2022 for the power plants that operate for the longest period of time, which allowed us to know the availability of the resource and the impact caused by each operation in their geographic locations. It is worth mentioning that each plant has duly registered consumptive water rights. This means that we have the authorization for the total consumption of this resource in our operations and, at the same time, these consumptions are evaluated in terms of the environmental processes of each plant, covered by the respective RCAs. On the other hand, from the point of view of physical control for water extraction, each of the wells has a flowmeter with an hourly frequency, which allows us to verify the maximum permitted extraction, using equipment that is monitored and that contrasts its operation by means of calibration certificates.

Finally, concluding some cycles of the management of this resource, the water discharge is analyzed prior to discharge through monthly monitoring by authorized laboratories, checking compliance with the limits established by the current regulations of the surface water discharge decree (DS 90).

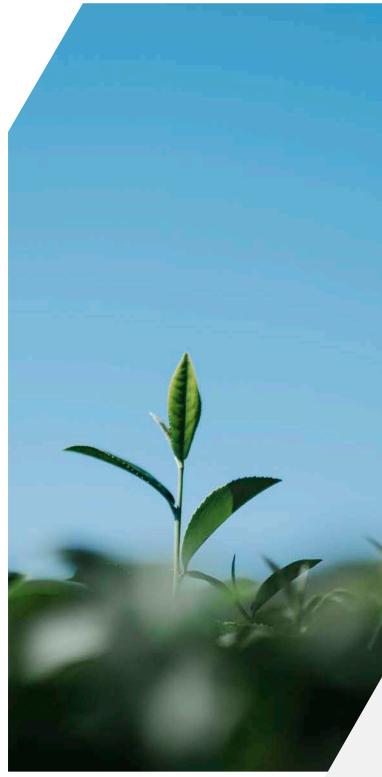
# MANAGING THE IMPACT ON OUR BIODIVERSITY

We have established the protection of biodiversity as a relevant issue in managing our organization. As part of our concern for combating climate change, we understand that it is closely related to the loss and protection of the different types of life we can find on the planet and the relationships they establish with each other and the environment surrounding them. For this reason, from the sustainable management of natural resources, GM strives to generate the minimum possible impact in the development of our projects, always considering the territory's singularities, preventing project activities of high environmental value or ecosystems with some level of official protection.

Generadora Metropolitana has operations in several regions of the country, and with this diversity of environments where we operate. In these, we have not identified significant impacts to date as a result of our operations that imply the need to restore or protect habitats and/or ecosystems. However, our integrated management system preventively incorporates the evaluation of all activities that take place within the properties and power generation operations, a set of criteria that allow us to anticipate the generation of impacts on the biodiversity that characterizes each territory.

### Water consumption 2022 [ML] Central Water withdrawal Water discharges Water consumption With water stress Los Vientos 72.8 26.2 46.7 Santa Lidia 37,6 29,3 8,3 Without water stress Nueva Renca 2.320.4 841.7 1.478.8 2.430.8 1.533.8 897.2

\*Consumption in the corporate office is not included in the calculation.





## ABOUT THIS REPORT



## SCOPE

#### GRI [2-2, 2-3, 2-4, 2-5, 2-14]

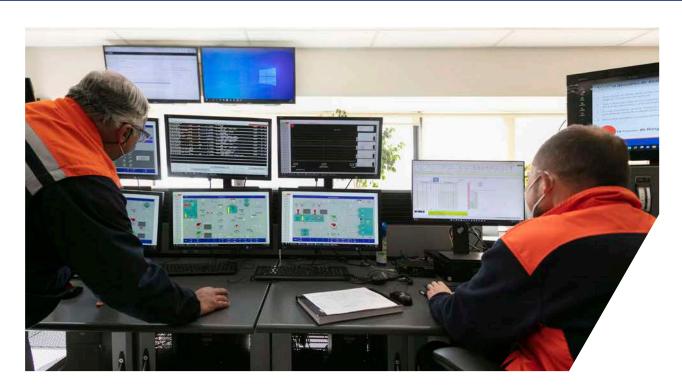
Generadora Metropolitana is delighted to have carried out this exercise of transparency in relation to our non-financial information for the first time, embodied as our first Sustainability Report. This report responds to a process of internal transformation, where we have challenged ourselves to become a company that considers sustainability in managing its business, redefining the use of our resources, and contributing to the well-being of our people and future generations.

The information disclosed in this report corresponds to all GM operations, accounting for our economic, social, and environmental management for the period between January 1 and December 31, 2022, an exercise that, from now on, we will carry out annually. With the same periodicity, our financial information is developed in our Financial Statements, including the entities GM Holdings S.A. and Subsidiaries, GM Energy SpA, and GM Developments SpA and Subsidiaries, which are not publicly available.

This report was published on August 11, 2023, and, being our first sustainability report, there are no significant changes from the information previously published.



## METHODOLOGY



We have started our reporting using the GRI Standards in their latest version, 2021, as a reference, giving an account of our metrics and progress in the social, environmental, economic, and governance areas, focused on the material issues identified in the development of our Corporate Sustainability Strategy.

To ensure the quality of the information reported, we follow the principles established by GRI. These are accuracy, balance, clarity, comparability, completeness, sustainability context, and timeliness. In this same sense, all the information presented, including the material issues that guided this report, have been reviewed and edited internally by the General Manager and approved by the Management Committee. This report was not subject to external verification. Our ambition is to add relevant standards and indicators in the following versions of our Sustainability Report and to have an external verification process in the future to further ensure the reliability of the information presented.

If you have any suggestions, questions and/or comments about this Sustainability Report, please write directly to contacto@generadora.cl.

## MATERIALITY

GRI [3-1, 3-3]



The materiality used for preparing this Sustainability Report is the first materiality exercise carried out by GM and was identified as the basis for starting the design process of our Corporate Sustainability Strategy. For the preparation of this report, this analysis was conducted between June and October 2022 and was validated in May 2023.

This exercise was carried out with the support of an expert third party and considered the stages suggested in the GRI methodology, which initially included the review of internal documents, international standards, main indicators, social networks, press reports, and an industry Benchmark. Also, in the next stage, we consulted our main stakeholders through interviews with their representatives, in addition to an online survey where we obtained a response rate of 55% and internal workshops, which allowed us to measure levels of

satisfaction and involvement, identify impacts and evaluate management at this level. Finally, the issues identified were prioritized, considering the impacts and reflecting the importance of each of them in terms of the preponderance of actions to fulfill our strategic objectives during the year 2022.

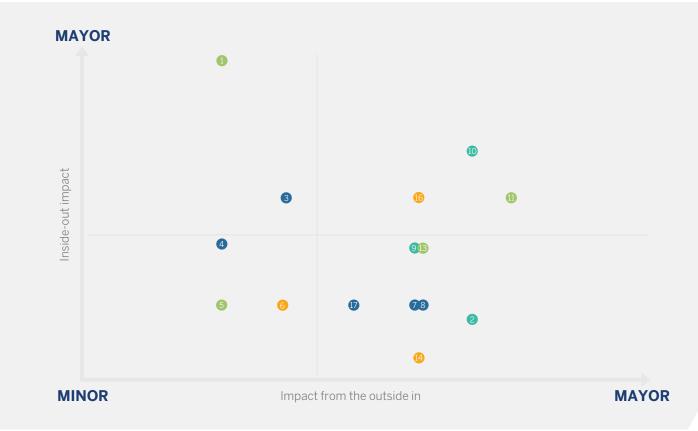
The management of these issues is developed throughout this report through information on the actual and potential negative and positive impacts of our operations; GM's activities or business relationships; the description of our policies and commitments; the measures adopted to prevent or mitigate impacts, how we address and follow them; our goals, objectives, and indicators; the participation of our stakeholders and our communication with them, among other aspects that account for our management.

## MATERIAL TOPICS AND MATERIALITY MATRIX

#### GRI [3-2]

This process resulted in a list of 17 material topics, which were initially prioritized through stakeholder consultations and validated for this report through a dual materiality exercise. They follow criteria that

- 1 Waste management
- 2 Sustainable supply chain
- 3 Transparency and disclosure of information
- 4 Human rights and business
- **5** Environmental protection and biodiversity
- 6 Diversity, inclusion and participation
- Risk management system
- 8 ESG governance
- 9 Business and power system resilience



consider both positive and negative impacts of the environment (from the outside in), the organization and its value chain (from the inside out), thus determining those topics on which we must present information.

- Ocommunity relations
- 1 Energy solutions
- Profitability and growth
- (B) Greenhouse Gas (GHG) Emissions
- (4) Occupational health and safety
- **15** Water management
- 6 Human capital development and talent attraction
- D Ethics and corporate conduct

## GRI CONTENT INDEX

GM has presented the information cited in this GRI content index for the period from January 1 to December 31, 2022 using the GRI Standards as a reference.

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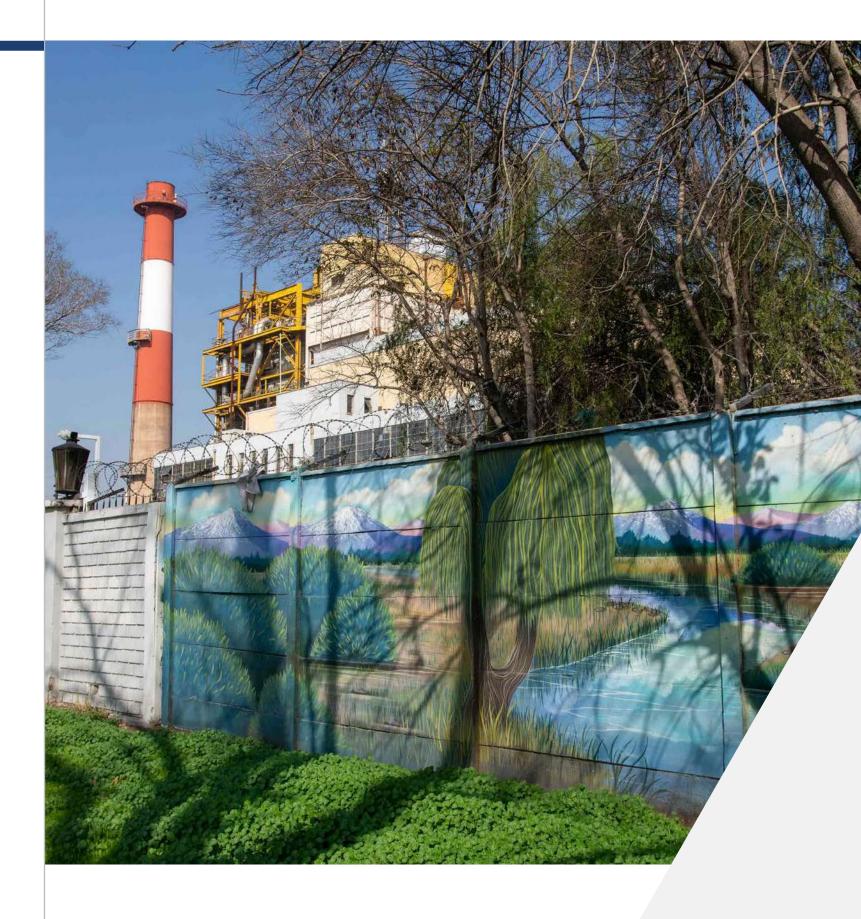
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# ANNEXES



## I DIVERSITY INDICATORS 2022

#### GRI [405-1]

Gender	Job category	Percentage
	Executives	0%
	Middle management and professionals	18%
Women	Administrative and operatives	1%
	Subtotal women	19,6%
	Executives	6%
Men	Middle management and professionals	49%
Men	Administrative and operatives	25%
	Subtotal men	81%
Age	Job category	Percentage
	Executives	0%
Less they 20	Middle management and professionals	11%
Less than 30	Administrative and operatives	0%
	Subtotal less than 30	11%
	Executives	5%
Between 30	Middle management and professionals	50%
and 50	Administrative and operatives	17%
	Subtotal between 30 and 50	71%
	Executives	1%
More than 50	Middle management and professionals	8%
More than 50	Administrative and operatives	8%
	Subtotal over 50	18%
	Other diversity indicators	Percentage
	Foreign nationals	8%

## II BREAKDOWN OF OUR LOCAL PARTNERSHIPS 2022

#### 1 Central Nueva Renca

Renca is a municipality located in the northwestern sector of Santiago. It was founded in 1894 and was formerly called Villa de Renca. It borders the municipality of Quilicura to the north, Conchalí and Independencia to the east, Quinta Normal and Cerro Navia to the south, and Pudahuel to the west. It has a total area of 24 km2, which represents 3.7% of the total area of Greater Santiago. The district is predominantly

#### "Women's Energy" Program

In 2022, we conducted this program for the second consecutive year - in alliance with Corporación Construyendo Mis Sueños and Corporación La Fábrica of the Municipality of Renca - with the objective of training, from a gender-based perspective, women entrepreneurs from the municipality of Renca, improving their skills and capacities for entrepreneurship and business management, considering their personal development, needs and contexts to strengthen and make their businesses sustainable over time. The program, which lasted eight months, includes training and capital support for 30 women with a formal or informal business belonging to 40% of the most vulnerable families in the municipality. The program is implemented in 3 modules: 1) development, implementation, and evaluation of a business model based on business management tools, 2) talks focused on the development of digital marketing, advantages of formalizing entrepreneurship, basic notions of accounting, and use of social networks, and 3) capital support that includes a bidding phase during the third month of training to obtain the contribution (seed capital) and assistance in the

The 2022 version of this program won second place in the Best Practices Contest organized by Generadoras de Chile for its contribution to reducing gender gaps.

residential. However, there are two major industrial areas. In turn, the agricultural land in the western area tends to disappear due to housing construction. According to the 2017 Census figures, the municipality of Renca is inhabited by 147,151 people, of which 72,681 are men and 74,470 are women.

purchase process for each entrepreneur. As a result, we improved the personal and business skills of the participating women, formalized 46% of the businesses, connected the women with support, marketing, and financing networks to strengthen their businesses, achieved 75% growth in sales and income, and acquired management practices.



#### Ruta Sonrisas (Sonrisas Renca 2022)

This initiative was implemented in alliance with Fundación Sonrisas, with the purpose of contributing to access to health and dental education, mobilizing dentists, supplies, and clinical equipment for the benefit of children and young people between 0 and 16 years of age, residents of Renca. We carried out the first stage of this program in the premises of the social center of the Pedro Aguirre Cerda housing project, where we invited the minors residing in the 20 Neighborhood Councils located in our area of interest through direct communication with the respective social leaders. On this occasion, we assisted 200 children and young

people who received clinical dental services such as fillings, scaling, sealants, exodontia, prophylaxis, fluoride application, child hygiene instruction, and training for the beneficiaries' parents. In December, the second stage of Sonrisas Renca 2022 was carried out, where another 189 children from Renca received clinical dental services and follow-ups in the premises of the social center of the Inés de Suárez housing project. Thanks to this program, we could provide 705 dental services and an average of 4.6 services per patient.

#### **Energy Efficiency Program**

Within the framework of the Triennial Agreement, signed in September 2022 with the Municipality of Renca, we included an Energy Efficiency project to contribute to the quality of life of local communities. This project was presented to the Neighborhood Councils of macro zone 2, which were able to implement it in their respective social centers, due to the number of social organizations in each sector. We selected ten Neighborhood Councils to present the program, which was very well received by the community. Between September and December, we installed 150-liter solar water heaters (solar collectors and storage tanks) with an estimated useful life of 25 years, which allowed us to provide hot water for the first time. In addition, we replaced their windows with thermo-acoustic windows to insulate the interior of the facilities from temperatures and outside noise. We inaugurated this Energy Efficiency program in the Illanes Beytía 1 housing project, with the attendance of leaders of all the Neighborhood Councils in which it was implemented. Mayor Claudio Castro also attended, highlighting the work that GM has done in the territory, especially the company's collaborators, who daily relate with the neighbors and have generated a close bond through dialogue, respect, and trust.

"We found a partner in Generadora Metropolitana, a collaborator, that helps us to push other companies in the municipality that sometimes are larger and have not understood this, and have not been linked to Renca. Today, GM is the municipality's number one collaborator".

**Claudio Castro** 



#### **Incorporating new territorial actors**

Following the guidelines established for the 2022 Community Management strategy, which aims to strengthen the link with the community, make it visible, and shield our presence in Renca, we decided to expand our relationship with a greater number of territorial actors. To this end, we carried out a process that generated criteria for the selection of new stakeholders, which resulted in the selection of all the Neighborhood Councils of Renca's Macrozone 2 through the preparation of a report and the holding of face-to-face meetings to introduce ourselves to these new territorial stakeholders. The purpose of the meetings was to open

This project allowed us to broaden and strengthen our relationship with the community, addressing the following social organizations:

Junta de Vecinos Alfredo Calvo Mackenna. Arturo Prat Neighborhood Board Luis Emilio Recabarren Neighbors' Board Junta de Vecinos Villa España Neighborhood Council Inés de Suárez Manuel Bulnes Neighborhood Council Neighborhood Association Illanes Beytía II La Victoria Neighborhood Council Neighborhood Association Illanes Beytía I Neighborhood Council Las Javas Neighborhood Council Francisco Infante Junta de Vecinos Villa Paraíso Santa Bárbara Neighborhood Council Santa Rosa y Cooperativa Neighborhood Council Neighborhood Council Renca Central Neighborhood Council Ex-employees Hirmas Neighborhood Association Jardines de Don Aníbal Neighborhood Council Francisco Errazuriz Neighborhood Council Villa Astra José Miguel Infante Neighborhood Council

the new sectors to the established community work, seeking to make GM and our main contributions to the community known, as well as to make progress in the implementation of the programs established in the schedule of activities for the Central Nueva Renca. In this context, 11 Neighborhood Councils were established out of the 20 present in Macrozone 2, with which we began the first round of presentations, which lasted from July 25 to August 10 of that period. The remaining nine presentations were made during the month of September.



#### **Guided Tours**

Another outstanding project during 2022 was the two "Open Days" in which the leaders of the 20 Neighborhood Councils addressed in the community relations strategy participated, the purpose of which was to explain the sustainability management of the operational processes identified as critical. The visits made it possible to explain our organization's main characteristics, demystify certain community concerns, answer questions, and tour the plant's surroundings.



The first took place over two days on September 12, one in the morning and the other in the afternoon, in order to meet the capacity and accommodate the visitors' schedules. Both rounds included an initial presentation and a safety talk, followed by a tour of the plant's surroundings and a briefing on how we operate, ending with coffee, corporate gifts, and information material about the plant.

During the month of October, we prepared an evaluation and follow-up report on the first version of these days, which was based on interviews with participants of the activity, focused on their impressions, experiences, and suggestions to identify opportunities for improvement in addition to analyzing the contribution of this type of event and the expectations that the community has regarding the relationship with GM. During November, we held our second day of visits, which had the same format as the previous one, summoning those who could not participate in that instance, achieving that 15 of the 19 Neighborhood Councils surrounding the plant could visit us.

These days gave us the opportunity to deepen the knowledge of our communities about GM, the Renca Complex, and the energy generation processes, as well as allowing us to learn about the concerns surrounding the plant in order to resolve them in a timely manner.

#### **Contribution to the Labor School**



Taking advantage of the opportunities for public-private collaboration and strengthening our values, we participated along with six other companies in the eighth version of the Renca Labor School -focusing on women and young people- organized by the Local Economic Development Office and the Municipal Labor Information Office (OMIL). This initiative aims to raise and articulate new areas of employability in the municipality and link them to employment opportunities and labor development. By doing so, we can promote and strengthen the insertion, permanence, and labor development of women with family responsibilities and a leading role in the economic support of the household, promoting economic autonomy and motivating the overcoming of barriers. We contributed with three training courses for women and young people from Renca, focused on expanding their labor field and the possibility of rapid insertion into the labor market. Thus, through tax surpluses, we were able to train 67 neighbors of Renca with a total of 167 hours in the following tasks:

Clinical cleaning assistant ( in-person course) Property brokerage (online course) Vegan bakery (sourdough) (in-person course) Innovating in this instance, and thinking of those mothers who attended the workshops, is that in this eighth version of Labor School, we have, for the first time, a nursery within the same class establishment. We highlight this initiative because, according to studies, a woman who has been a mother takes at least eight years after the birth of her child to be able to return to training with a view to economic or labor improvements. In addition, this solution led to a considerable reduction in the dropout rate compared to previous versions of the school. As a success story, of the 12 people who graduated from the clinical cleaning course, all were called for job interviews and immediately accepted to enter the workforce. The graduation ceremony was held in December at the Cumbre de Cóndores Oriente institute, with approximately 500 students in attendance, as well as Romy Álamo, deputy mayor of Renca; Javier Morales, executive director of Corporación La Fábrica; Mario Orellana, innovation director of La Fábrica; and Cristián Cancino, head of the local economic development area of the Municipality of Renca.

#### Signing of a three-year cooperation agreement with the Municipality of Renca.

In September 2022, at the social center of the Pedro Aguirre Cerda housing project, together with the Municipality of Renca and the Municipal Corporation La Fábrica, we officially signed a three-year collaboration and cooperation agreement with the municipality of Renca. Although we have been working together for several years in various development programs in the municipality, this agreement is a way of consolidating this public-private alliance and projecting it in the long term to have a real and concrete impact. We are a neighbor that collaborates and is aware of the importance of our impact on the country, so participating in this type of collaboration is key to moving forward and continuing to grow. This investment plan aims to continue strengthening our territorial investment process over the next three years, which we hope will be many more. We want to continue to make a direct contribution to the communities with whom we interact daily, in the recovery of public spaces, in the development of educational training, and in the strengthening of our heritage. Some of the initiatives included in this agreement are to continue with the "Women's Energy" program for women entrepreneurs in Renca, promote electromobility with electric cars, continue preserving our heritage, contribute to children and their quality of life, promote energy efficiency in the development of the territory and the community, and the recovery of important green areas for the neighbors.



#### Liceo Politécnico Andes DUOC - Renca Agreement

In August 2022, we signed a contribution agreement with Liceo Politécnico Andes DUOC. This agreement seeks to support and promote sports activities, healthy living, and the generation of activities that link the community, providing tools that last over time and contribute to community development.

Sports activities: As part of this agreement, we financed the Liceo Politécnico Andes Sports Camp, which took place over two days in Picarquín. It was an evaluation of the school's sports results for 2022 and planning of the communal, regional, and national competitions in which the school's sports teams will compete during 2023. The camp was attended by 120 athletes from the high school, from first to fourth grade, selected in the disciplines of volleyball, basketball, soccer, rugby, and handball, in the male, female, and coed branches. On returning from this camp, 12 young people from the coed volleyball team went to the Rebeca Matte Bello school in the district of Renca, where they offered a sports clinic to around 90 children between fifth and eighth grade. On this occasion, the 12 athletes taught and practiced with the children different game techniques, such as finger and forearm hits, postures, serves, spikes, jumps, and positions on the court, as well as mini volleyball matches where the children ended up very enthusiastic, motivated and happy to have this opportunity. This activity was led by the coach of the girls' volleyball section of the school, Jessica Webar, who, together with Alejandra de Casas, the school's principal, thanked us for creating this opportunity for the youngsters. At the end of the activity, and as a way of mutual appreciation, we gave the school ten volleyballs to motivate them to continue training and improving.

**Community training:** Through conversations with the community and teachers, we agreed to hold three workshops for the community. The first workshop was **Digital Literacy**, for 30 neighbors, which was held in the computer room of the Liceo Andes and was taught by teacher Raul Torres. This workshop was conducted in four different sessions of two hours each, and we were able to train the neighbors -mostly senior citizens- in practical matters such as creating an email, uploading and downloading files, taking advantage of some WhatsApp resources, and simple notions of digital security. The second workshop was on Basic **Mechanics**, with space for 20 neighbors, offered by Ramiro Soto, professor of Automotive Mechanics, in three sessions of two hours each. In this workshop, the participants learned about oil changes, lights, oil and water filters, coolant applications, panel light alerts, and tire changes, among others. Finally, the Community Alarm Installation workshop, intended for 20 neighbors, was offered by teacher Max Tapia, in three sessions of two hours each. This workshop, which took place in the high school's Electronics Room, provided them with theoretical and practical knowledge of electronics, enabling them to program and install perfectly functioning community alarms. The call for the workshops was made openly through WhatsApp to the entire Macrozone 2 community. Registrations were made by mail with the coordinator of the workshops, teacher Luis Pinto. Each participant in the workshops received a diploma in the corresponding ceremony, where we had a space for meeting and conversation, and we were able to receive some positive comments and impressions of this initiative. To close this activity, we gave the school two 3D printers that will allow students to expand their learning process with the latest technology.

#### Landscaping intervention in the perimeter of the Manuel Bulnes Prieto School.

This initiative arises from the concern raised by the neighbors of the Manuel Bulnes population, who, in several of the meetings held, have raised their concern about the decreasing amount of plant species we see on the sidewalks. It is for this reason that we contacted Fundación Huella Local, acting as an articulator before the Mesa Hirmas and the Municipality of Renca, to develop a landscaping intervention project in the streets of Bulnes housing project, managing the fundraising and municipal permits necessary for it. Finally, through coordination and consultation meetings with GM and the community, the Municipality of Renca and Fundación Huella Local agreed that the ideal place to undertake this activity would be the exterior of the Manuel Bulnes School. At the same time, we reached an agreement between the school administration and DIMAO Renca so that each party could manage the maintenance and irrigation of the species. We carried out this intervention on June 17, 2022. We counted on the presence of the mayor of Renca, the school community (teachers, parents, and students), neighbors, and 13 GM volunteer collaborators. In this activity, we planted fescues, lavender, grasses, ryegrasses, and quebrachos, taking special care to plant fast-growing species with good covering capacity and low water consumption.

#### **2** Central Los Vientos

Los Vientos Power Plant is located in the municipality of Llay-Llay, province of San Felipe, Valparaíso Region, and has been operating since 2009. Regarding its environment and according to the Population and Housing Census conducted in 2017, the municipality of Llay-Llay has a total of 24,608 inhabitants, of which 12,216 are men and 12,392 are women<sup>1</sup>. In the productive economic sphere, the first thing worth noting is the visible relevance of agriculture as the main source of employment for the inhabitants of the municipality (30.9%); in the second level of importance appears the commerce sector (19.4%), followed by manufacturing industries (9.8%),

### Participation in museum exhibition for Heritage Day

We were part of the first exhibition of this museum for Heritage Day, with records of the Renca 1 plant from 1963, a turbogenerator log book, and a set of photographs from when the plant was under construction.



#### **Union Esperanza Sports Club**

We created a partnership with the Unión Esperanza Sports Club of the Las Vegas de Llay-Llay sector, supporting its female and male branches in the infant and youth categories (45 children from 4 to 16 years old) with equipment for sports practice, which included soccer balls, hurdles for jumping, training ladders, cones of different varieties, training bibs, among other items. This club is an institution with more than 60 years that gathers a large number of neighbors of the sector. Its headquarters is where most of the social activities of the sector take place,

## Donation agreement with the Municipality of Llay-Llay to remodel and expand the green area of Sor Teresa de Las Vegas.

In response to the request made by the community of Sor Teresa de Las Vegas to improve their green area, we removed the hawthorns that grow in the square and are considered dangerous by the neighbors, especially for children and elderly citizens. In this area, we contacted the Municipality of Llay-Llay to work together and cooperate in the improvement and transportation (6.7%) and construction (6.5%)<sup>2</sup>. According to data from the Socioeconomic Characterization Survey (CASEN) conducted in 2015, in the municipality of Llay-Llay, 16.6% of the population is in multidimensional poverty. According to the Estimates of Income Poverty Rate by Municipality and Application of Estimation Methodologies for Small Areas (SAE) 2017, the percentage of people in income poverty was 7.8%. Since the start of operations of Central Los Vientos and for strategic reasons, community relations management has been defined as low profile.

<sup>1</sup> Library of the National Congress, Municipal Reports, 2017.
 <sup>2</sup> Llay-Llay Municipal Development Plan 2014-2018.

such as celebrations, meetings, raffles, workshops, etc. They were awarded a competitive fund from the Municipality of Llay-Llay that will allow them to repair the dressing rooms. In addition, we initiated contact between the club and the GE company, who, with volunteer work, fixed the bleachers that surround the field.

expansion of the square. We contributed to the development of an architectural and landscape project. However, these were not carried out due to lack of funds. To speed up the process of executing the improvements and enlargement of the square and provide a solution to the community, we made a monetary donation to the municipality.

#### **3** Central Santa Lidia

The municipality of Cabrero, located between the Itata and Laja rivers, is located in the Biobío Region. It stands out for the formation of agricultural, livestock, and forestry practices of great relevance for its inhabitants, who managed to enrich a previously inhospitable territory. Charrúa, on the other hand, is a locality within Cabrero and is home to the Santa Lidia plant, which is closely linked to the energy distribution pole.

#### **Ruta Sonrisas**



As in Renca, this initiative is implemented in alliance with Fundación Sonrisas to contribute to access to health and dental education. This time, it was carried out in the Cabrero community, mobilizing dentists, supplies, and clinical equipment to benefit children and young people. The main purpose of this operation is to promote oral hygiene and make an updated diagnosis to know the situation of these localities, in addition to providing tools and training to improve the conditions of children and avoid complications or problems in the future, as well as to reduce certain gaps in dental health care. In order to know the impact of this operation, we conducted a survey in which the participants mentioned that the development of this operation was "very good" and they felt very well attended, valuing the presence of a professional team with excellent treatment. Some of them mentioned that their children were afraid of the dentists and that the professionals managed to contain them in a good way, besides showing great empathy with them. As for the relationship with GM, the community recognized us as the person in charge of the activity, thanking us for our commitment to the territory. **This program was carried out on the premises of the rural health post of Charrúa and managed to attend 200 children and adolescents from Charrúa, Puentes Negros, and Progreso, who received 963 dental services, 430 oral hygiene kits and training on oral hygiene care.** 

#### **Restoration of the Nubeluz Day Care Center playground.**

As part of the collaboration work we have been carrying out with the Nubeluz Day Care Center, on December 17, we carried out a beautification plan with the donation and installation of two candle shades for the playground. This allowed the children to use the playsets and the playground for different play and educational activities. This activity was led by the

#### Learning by Doing Program

This program was implemented to improve skills, tools, and social welfare, seeking to achieve a social, economic, and environmental balance around our work by supporting the agricultural productive improvement of 39 families in Charrúa and Puentes Negros. Thanks to this initiative, we were able to provide local energy supply and support the development of the production of plant species of high nutritional value under an environment of agroecological output and circular economy. This was achieved thanks to a plan to recycle household

#### **Energy Efficiency Program**

Under this initiative, we delivered thermo-acoustic windows, a clean combustion stove, an air conditioning and heating system, and a thermo-heater to the Nubeluz Day Care Center in Charrúa. This will benefit 20 children, three education professionals, and their parents. This project achieves a 100% improvement in the conditions of the daycare center, contributing towards promoting and supporting projects aimed at providing quality of life, care for the environment, and sustainability.

school's teacher and some parents, whom we supported to make possible the installation of the awning and the painting of the façade. This contribution has a significant impact since the daycare center children have recovered their play space, which is highly important for their cognitive and early childhood development.

garbage to generate organic fertilizers, transforming household waste into humus (organic fertilizer) with earthworms, thus reducing garbage pollution and promoting environmental conservation. In turn, the worms are used as a source of animal protein and ecological balance and use of agricultural waste to degrade plant material until it is used as fertilizer.



#### **Solar Luminaires**

We developed a program that seeks to improve energy efficiency and the quality of life within the community, which was carried out in conjunction with the president of the Charrúa Neighborhood Council. This consisted of the installation of 7 solar lights in sectors where there is a shortage of light, also contributing to improving travel and reducing the likelihood of accidents, especially among older adults in the area. This program had a great acceptance and impact on the community, as they went from having no light outside their homes to having lighting, improving

#### **Open House at Central Santa Lidia**

This activity was managed and executed by the sustainability and community relations sub-management, touring the plant's facilities, resolving community concerns, answering questions, and demystifying some beliefs produced by the lack of knowledge about how the plant operates in the area. In addition, we used this opportunity to make a general assessment of the projects we executed, generating an instance of feedback where the community could also communicate their insights and needs. The visit was attended by 17 neighbors, including the president of the Charrúa Neighborhood Council and the president of rural drinking water. The analysis of the open day was approached through a quantitative

100% the quality of life of our neighbors. It should be noted that many of them have their own gardens, and the implementation of this project has allowed them to work their gardens at night without fear of suffering an accident. The opinions about this initiative were expressed in the guided tour at the end of the year 2022, where we surveyed 17 neighbors and asked them which actions have had the greatest positive impact on them, with projects focused on energy efficiency coming in second place.

research methodology, preparing a questionnaire or "exit ticket" that was applied at the end of the visit to evaluate the learning acquired by the participants concerning the company. The visit to the Santa Lidia power plant was positively evaluated by the participants, who were grateful for the possibility of entering the plant and for the space generated to learn more about GM's operation and environmental standards and our investment projects within the Charrúa territory.



#### Associative public-private roundtable

This initiative consists of a work table that allows us to pool criteria and funds for developing projects for the progress of Charrúa, with the participation of the community, private companies in the area, and public

#### 4 CEME1 Project

María Elena is a town in the Antofagasta Region, which stands out for being home to the only saltpeter office still in operation in the country. Its history and roots mark a strong link with the development of non-metallic mining. Regarding public-private articulation in the territory, the municipality has a historical relationship with mining companies in the region (mainly SQM, AMSA, and Codelco). In this scenario, renewable energy generation companies have positioned themselves (Cerro Dominador, Enel Green Power, Statkraft, Engie, among others), making María Elena a territorial benchmark in creating a renewable energy sector. In terms of local development, the municipality has the particularity of being declared a National Monument, in addition to



agencies. As an organization, we have been an active committee member, developing lighting and road improvement projects for the community, making us a relevant actor in local development.

being private property, which establishes a challenge when considering potential infrastructure improvement projects.

At the end of 2021, we started the construction of the CEME1 project, and, from the stages before the start of the works in the field, we have promoted a relationship model based on building trust with community stakeholders and contributing to local development. In this context, the implementation of the Community Activities Plan 2022 in María Elena included the implementation of the following initiatives:

#### "Technology at the service of Liceo TPCH education" project.

This program contributes to enabling streaming systems for the Liceo Polivalente Arturo Pérez Canto school in María Elena. The initiative was the result of a consultation process between the educational community of the establishment, the municipal authority, private companies, and our company, allowing us to provide remote connectivity to the different curricular activities of the establishment through the acquisition of technological equipment such as cameras, audio systems, microphones, interactive screens, connection systems for hybrid activities. **Thanks to this project, we benefitted close to 260 students.** 

#### **Ruta Sonrisas**

The initiative was implemented in alliance with Fundación Sonrisas and communal authorities to contribute to the access to health and dental education in the municipality of María Elena, mobilizing dentists, supplies, and clinical equipment to benefit children and young people. In María Elena, the initiative was carried out at the CESFAM, where we were able to attend 221 children and adolescents who received 963 dental services and 430 oral hygiene kits along with training on oral hygiene care.



#### Presentation of the Chilean Folkloric Ballet in María Elena

In order to contribute to the development of the culture, identity, and heritage of María Elena, we formed an alliance with the Municipality of María Elena, represented by the Cultural Foundation of María Elena and the Chilean Folkloric Ballet (BAFOCHI), which



#### **Contribution to the development of the Folkloric Fair 2022**

This activity was carried out in alliance with the Cultural Foundation of María Elena for the presentation of 100 stalls of entrepreneurs, artisans, samples of typical Chilean and pampino food, heritage and tourism organizations, artistic presentations, among others, managing to articulate for the second year as a space for the expression of the pampino and

#### **SME Strengthening Program**

This program was implemented with the purpose of increasing the competitiveness of SMEs and providing them with tools to scale their businesses through personalized workshops and coaching for 20 SMEs in consisted of a free presentation of the 35th Anniversary of the BAFOCHI in the municipality. The presentation was held outside the Saltpeter Museum at the Plaza de Armas in María Elena on September 24 and was attended by around 1,500 residents.

saltpeter identity, promotion of tourism and collaboration between the different actors of the community. This initiative highlighted the customs of the pampino and their stories, through their food, games, and artistic representations.

María Elena and Quillagua. The workshops included administration, leadership, management control, marketing and networking, strengthening coaching, empowerment techniques, and self-knowledge.

#### Young Climathon



In alliance with the Arturo Pérez Canto Technical-Professional and Humanistic-Scientific High School in María Elena, we carried out this activity to bring together the high school students and develop ideas at the local level to face shared climate challenges, promoting climate action through education. Thanks to this, we were able to bring Platform 2811 to María Elena, which has replicated this model of global articulation in different cities in South America. The activity raised awareness and strengthened climate action and innovation in the local ecosystem by designing project ideas and local initiatives to address climate change. In an eight-hour day, after several conversations, hundreds of ideas, and a presentation on renewable energies, the students presented proposals for a more conscious and efficient use of energy, focusing on how clean energy can improve the quality of life in their city.

#### Installation of an informative exhibition on CEME1 at the Saltpeter Museum

In order to promote awareness of renewable energies and to publicize the scope of the CEME1 project in the community of María Elena, we set up an information stand, a model, and informative triptychs with the scope of CEME1. This was done in partnership with the Municipality of María Elena and through the Cultural Foundation of María Elena.

## III MATERIALS USED IN THE PRODUCTION OF OUR POWER PLANTS

#### Central Nueva Renca Name of material Diesel Gas (forklift) Gas (boiler) Spectrus NX1100 Hypersperse MSI410 **Corrshield NT 4200** Cortrol OS 5607 Cortrol IS 3020 **Depositrol BL6501** Inhibitor AZ 8104 **Optisperse HP 9430** Flogard MS 6222 Steamate NA 0880 98% Sulfuric Acid 10% Sodium Hypochlorite 25% Ammonia **Cartridge Filters** Air Filter T. Descarb. Air Filter MGD **Air Filter CEDI** Molybdate Amino acid 1934-32 Molybdate 3 Citric acid Amino acid Reagent TNT 865 Copper **Porphirin 1 Porphirin 2 RGT** Ammoniacal cyanurate **Ammoniacal Salicylate** Chemical lab. gloves

Volume or weight in tons	Unit of measure
17,6	m3
885	kg (LPG)
15,9	m3(LPG)
2.755	kg
564	kg
628,9	kg
703,5	kg
369,4	kg
22.182	kg
3.917	kg
133,2	kg
3.857	kg
110	kg
217.630	kg
226.143	kg
27.260	kg
1.204	ud
3	ud
6	ud
4	ud
1.200	ml
1.500	ml
1.900	ml
2.100	ml
1.400	ml
14	ud
5	ud
9	ud
9	ud
13	ud
12	ud
4	ud

### Central Los Vientos

Name of material	Volume or weight in tons	Unit of measure
Diesel	53.057,6	m3
Gas	135	LPG
Bisulfite	460	kg
Hypochlorite	100	kg
Antiscalant	280	kg
Reagents	12,6	kg
Nitrite	230	kg
Biocide	140	kg
Chlorine tablets	14	kg
Dechlorinating tablets	20,4	kg

### Central Santa Lidia

Name of material	Volume or weight in tons	Unit of measure
Diesel	8.872,3	m3
Gas	44	LPG
Bisulfite	250	kg
Hypochlorite	250	kg
Antiscalant	300	kg
Reagents	8,5	kg
Nitrite	140	kg
Biocide	160	kg
Chlorine tablets	28	kg
Dechlorinating tablets	20	kg
Soda	300	kg
Alcasoda	400	kg

