



**inkia**  
ENERGY

# 2024 Annual Sustainability KPIs

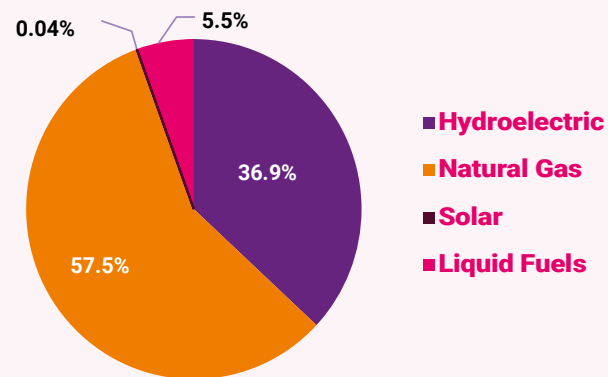




# Holdings

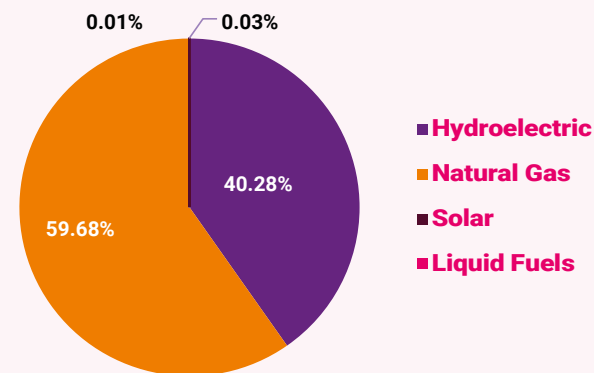
Kallpa, Las Flores, Cerro del Aguila, Cañon del Pato, Carhuaquero, Colmito, Cardones, Yungay.

## 2024 Generation Installed Capacity



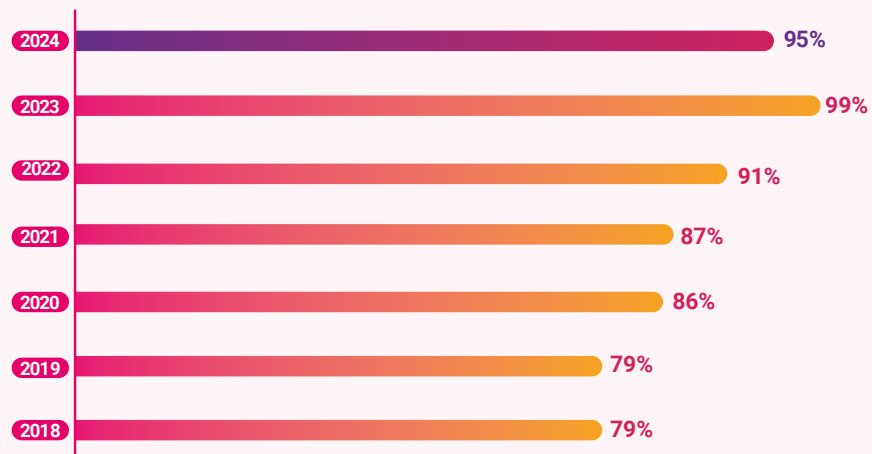
Note: Carhuaquero Solar Power Plant (0.6MW) started operations in 2024.

## 2024 Energy Generated



Note: Natural Gas includes both Combined Cycle and Open Cycle operations.

## Low Carbon Generation



Note: Reduction in 2024 due to divestment of several assets, including hydro plants in Bolivia and Argentina, and wind farms in Nicaragua.

## Electricity Generated (GWh)

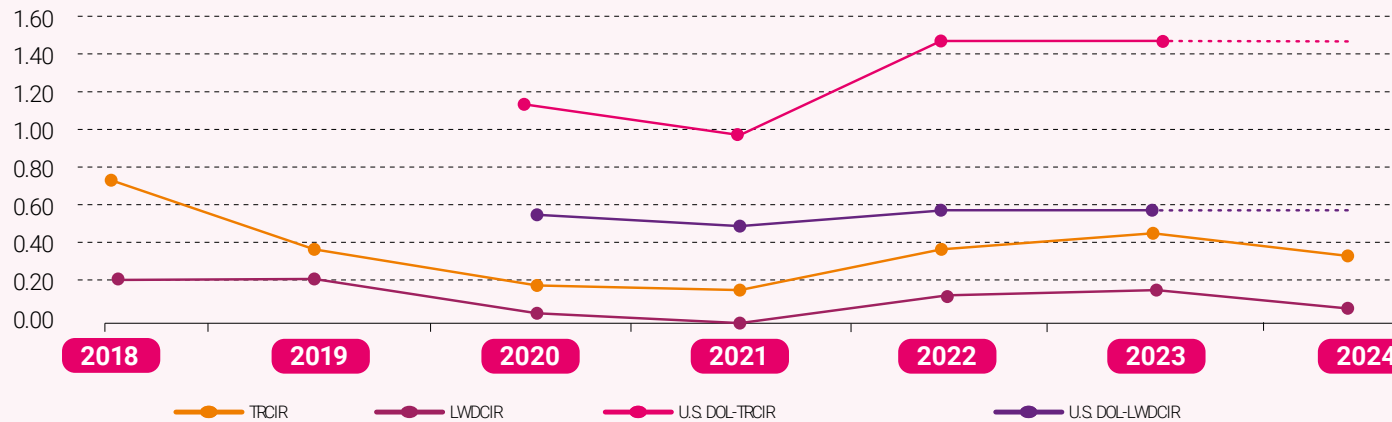


Note: Generation decrease in 2024 due to divestment of several assets.



# 1. Safety Performance

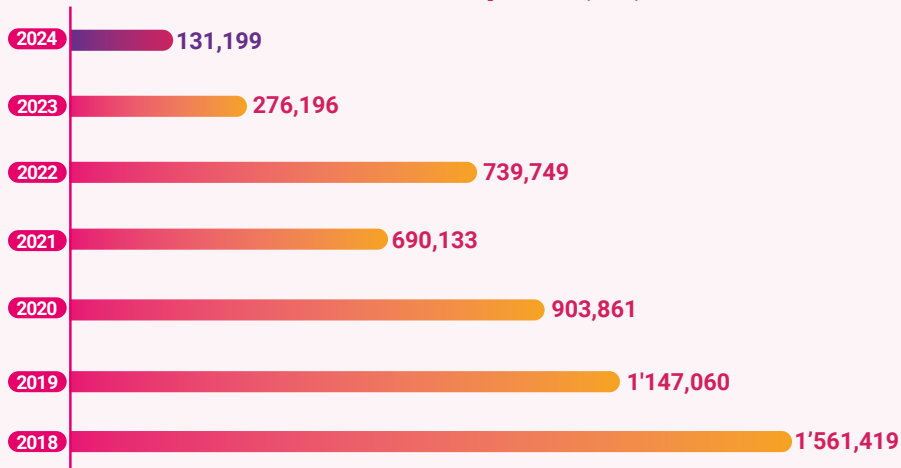
## Generation Safety Performance Employees and Contractors



Note: As in previous years, our LWDCIR and TRCIR ratios remained better than U.S. industry incident rate statistics (U.S. Bureau of Labor Statistics, 2020-2023).

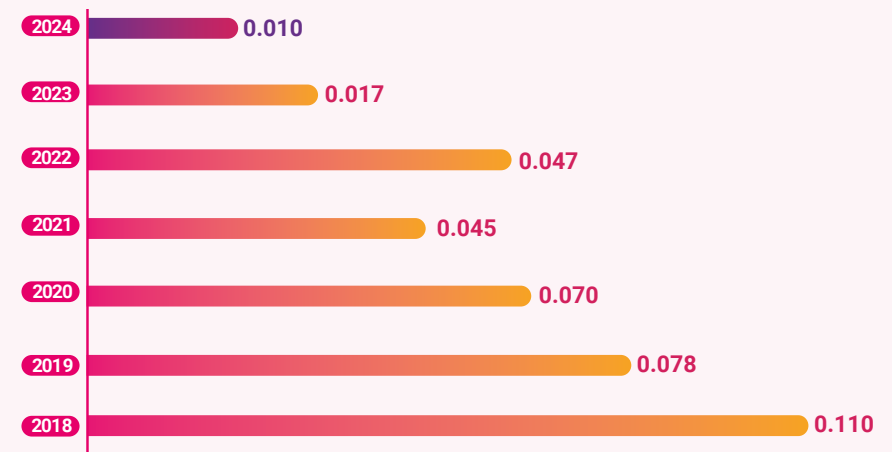
# 2. Environmental Stewardship

## Water Consumption (m<sup>3</sup>)



Note: (i) Reduced water consumption as a result of divestment of several assets.  
(ii) Increased water consumption in 2022 due to higher demand for thermoelectric generation.

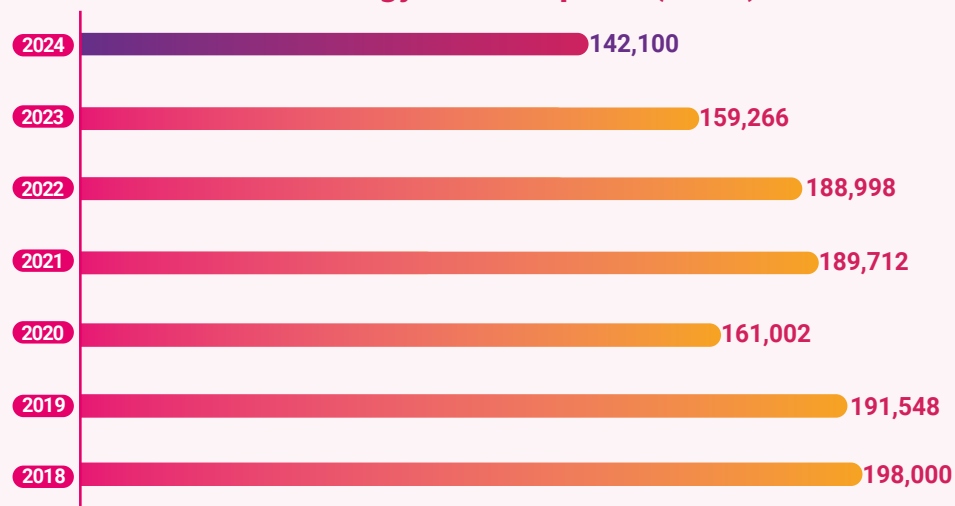
## Water Intensity (m<sup>3</sup>/MWh)



Note: Water intensity below global average for dry-cooled NGCC (0.036 m<sup>3</sup>/MWh, global meta-analysis, 2019).

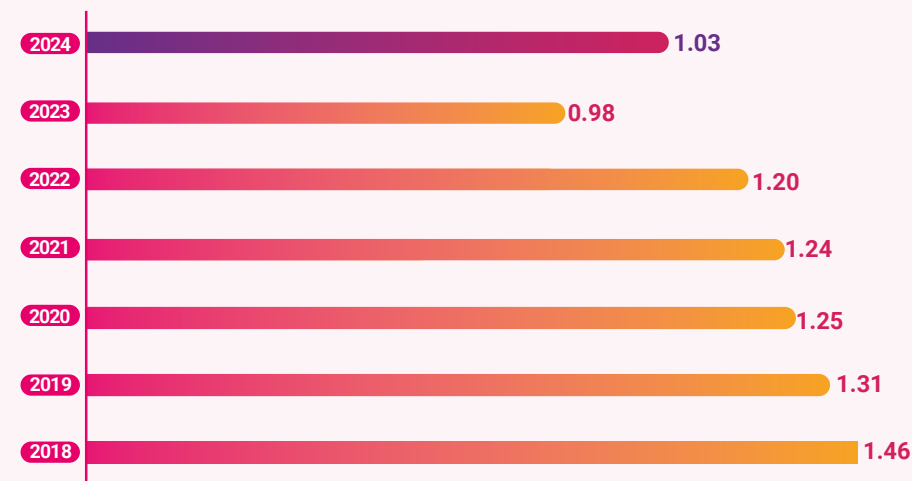


### Internal Energy Consumption (MWh)

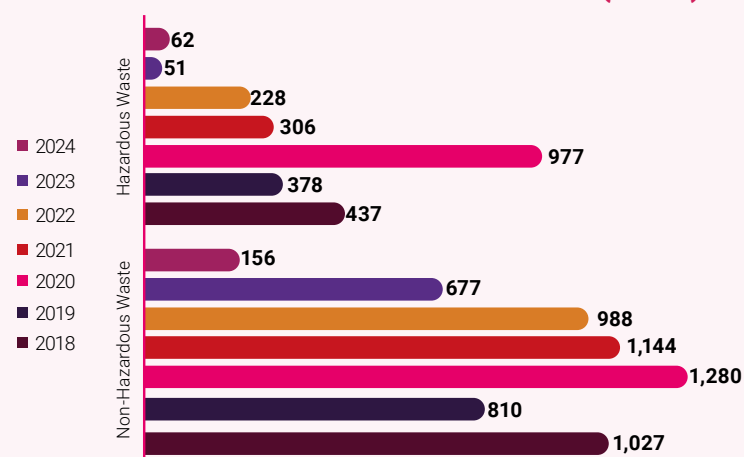


Note: 2023 and 2024 Reduction from divestment of several assets.

### Internal Energy Consumption (%)



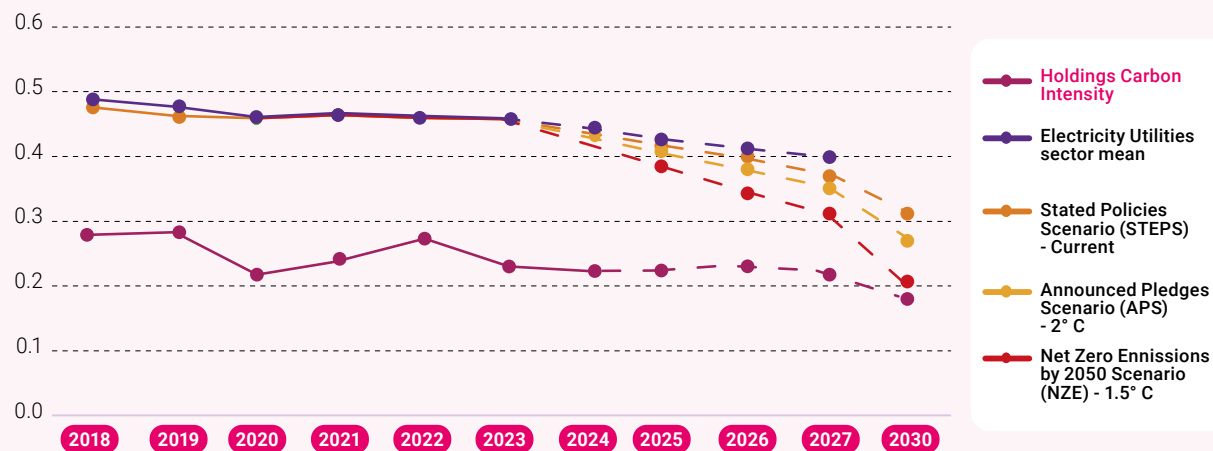
### Industrial Solid Waste (Tons)



Notes: (i) 2020 Increase in hazardous waste from cleanup after multiple theft attempts on the natural gas liquids pipeline.  
(ii) 2020 Increase in non-hazardous waste linked to Aguaytía O&G production, divested in 2022.

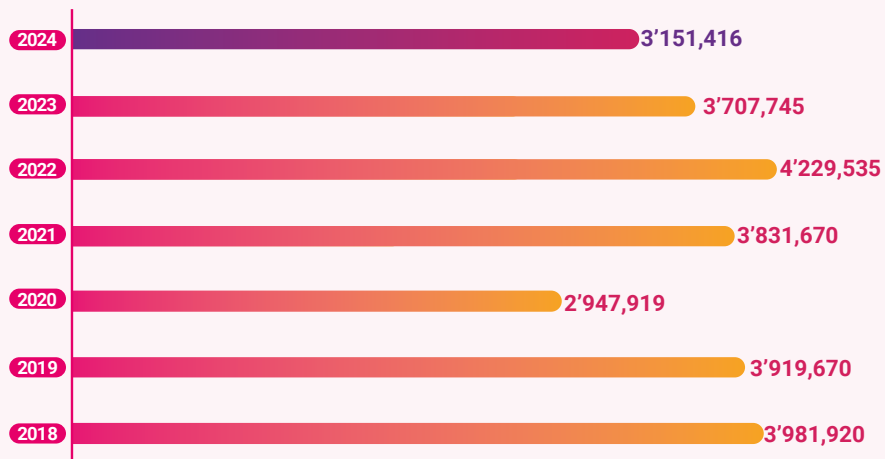


### Carbon Intensity Reduction Pathway (Tons CO<sub>2</sub>e/MWh)



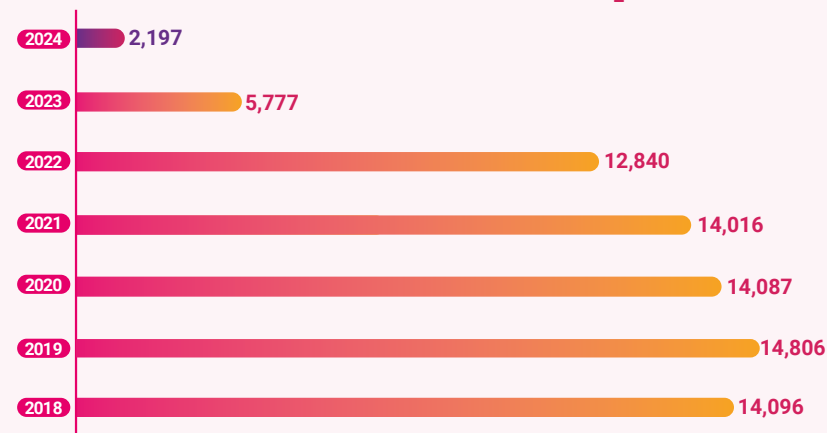
Note: Carbon intensity remains well below Paris-Pledges 2030 targets and the sector mean of 0.445 (IEA, World Energy Outlook).

### Scope 1 CO<sub>2</sub> Emissions (Tons CO<sub>2</sub>e)



Notes: (i) Scope 1 CO<sub>2</sub> emissions (generation).  
(ii) 2022 Increase in CO<sub>2</sub> emissions from higher demand for thermoelectric generation.

### Scope 2 CO<sub>2</sub> Emissions from Purchased Electricity for Own Use (Tons CO<sub>2</sub>e)

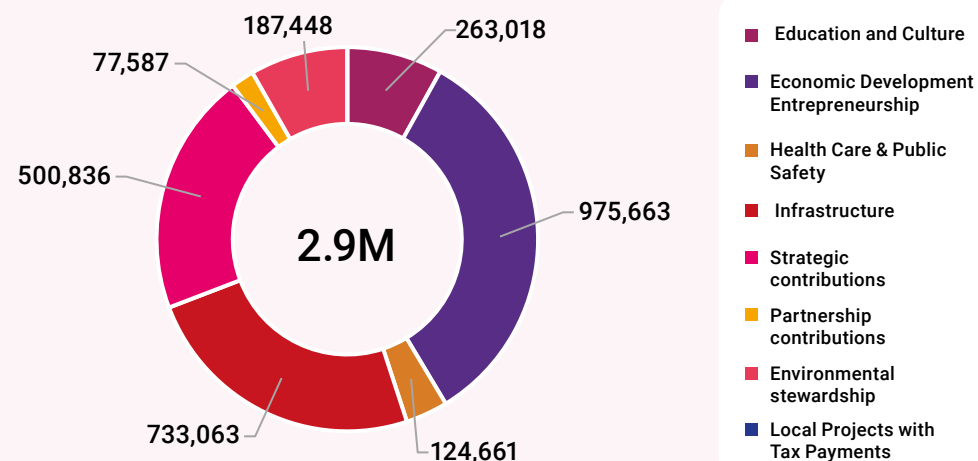


Notes: (i) Scope 2 CO<sub>2</sub> emissions by energy consumption from the grid.  
(ii) Scope 2 Reduction from lower grid consumption at plants and divestment.

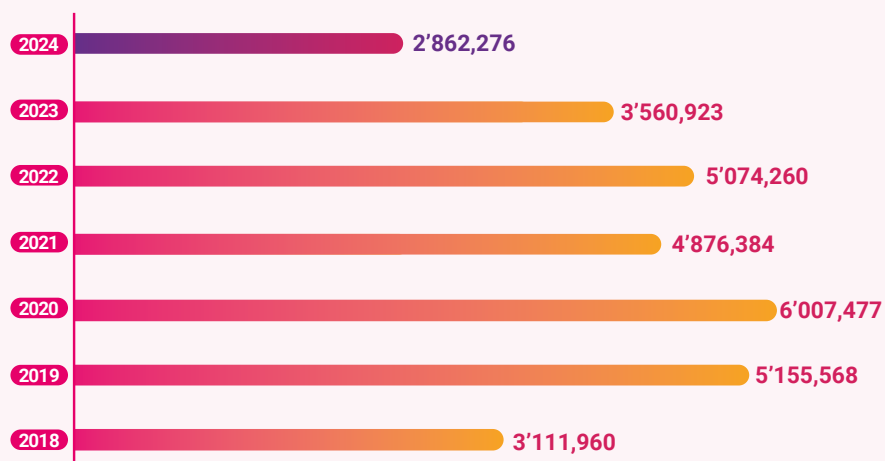


### 3. Social Responsibility and Community Engagement

Social and Community Investment by Category (US\$)

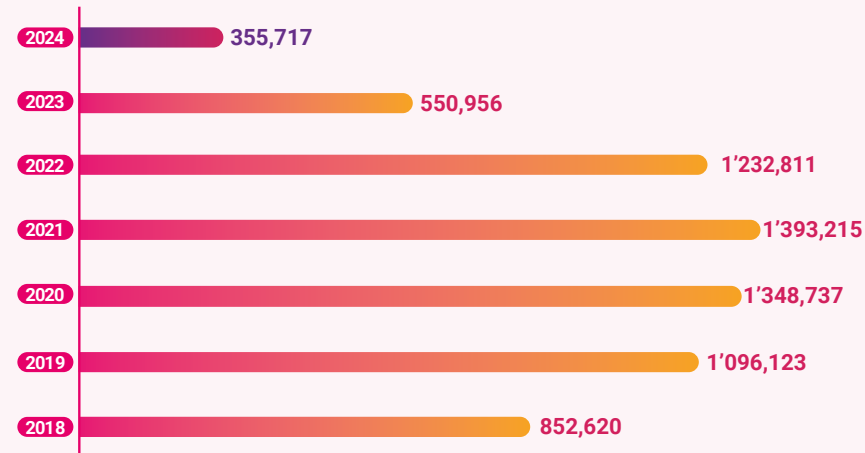


Social and Community Investment (US\$)



Note: Reduction in the investment is attributed to the divestment of several assets.

Number of Individuals Benefited (#)

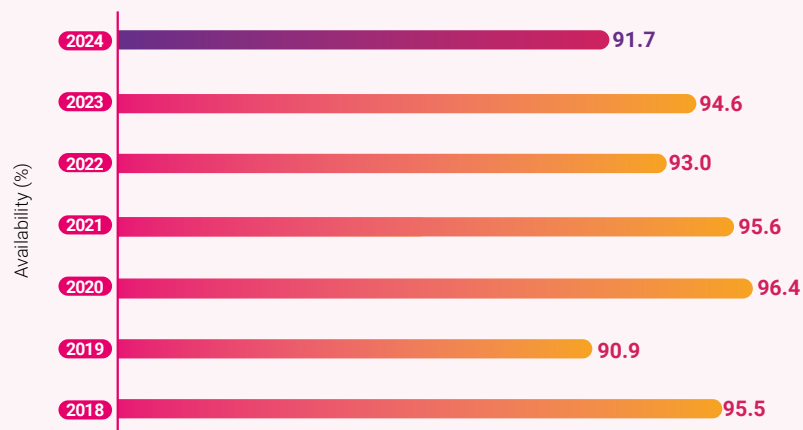


Note: Reduction in the investment is attributed to the divestment of several assets.



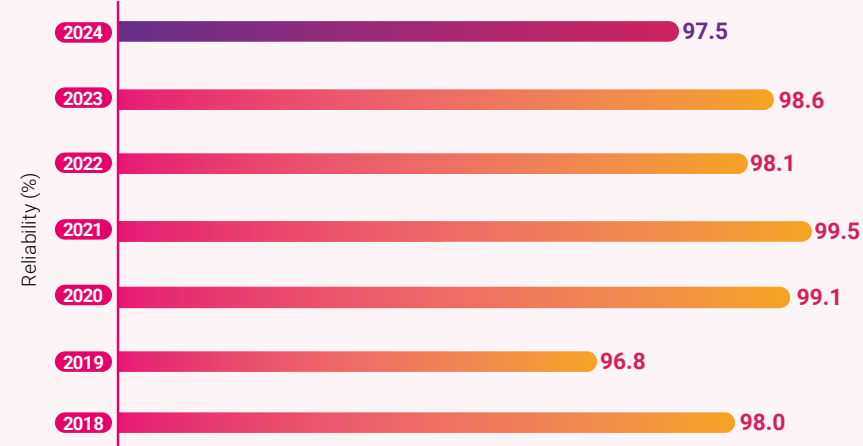
## 4. Operational Excellence

### Operational Performance (%)



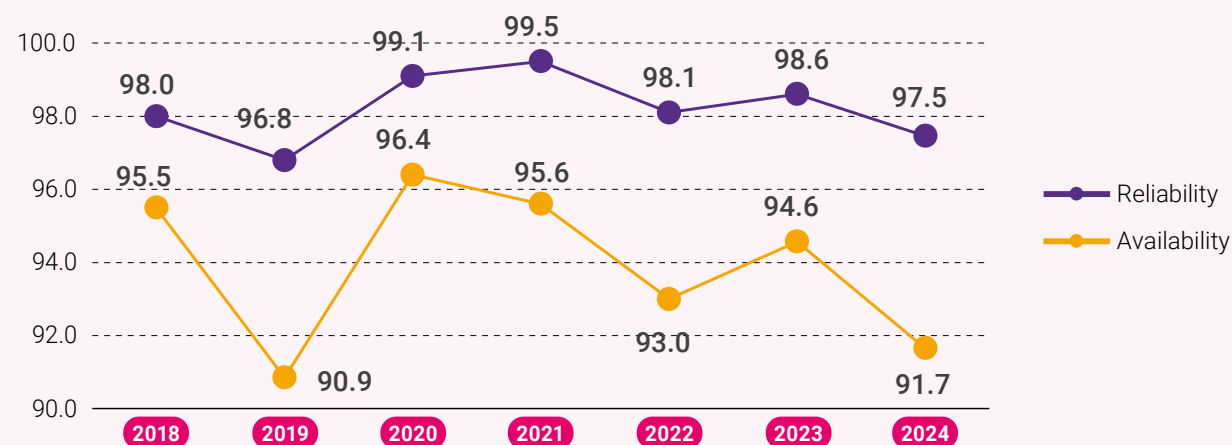
Note: 2024 Availability affected by Las Flores repairs, and generator rotor maintenance at Yungay.

### Operational Performance (%)



Note: 2024 Availability affected by Las Flores repairs, and generator rotor maintenance at Yungay.

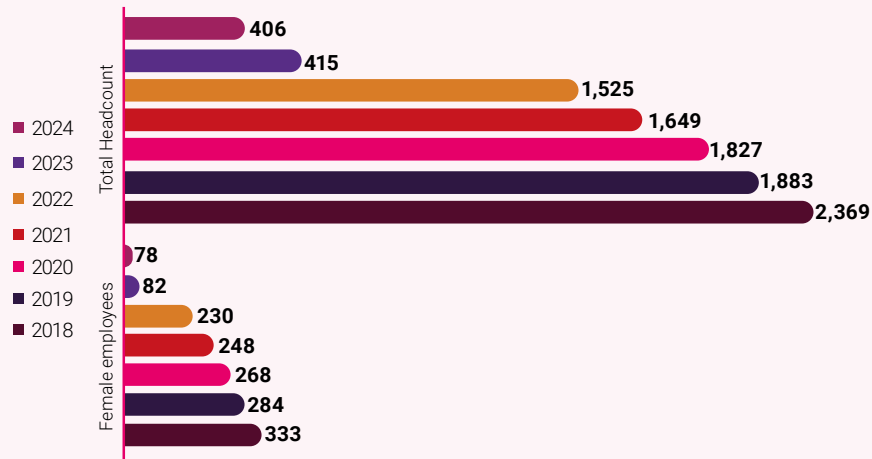
### Overall Availability and Reliability (%)





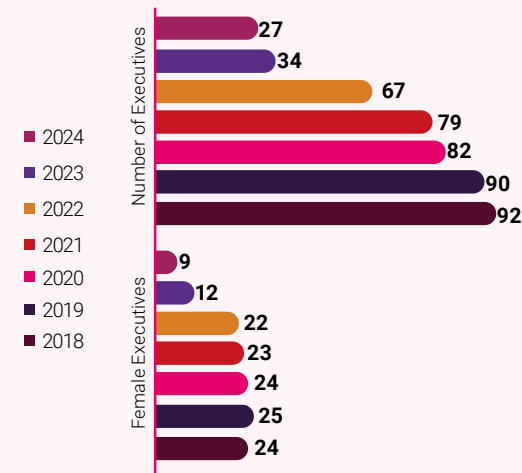
## 5. Workforce

### Workforce (#)

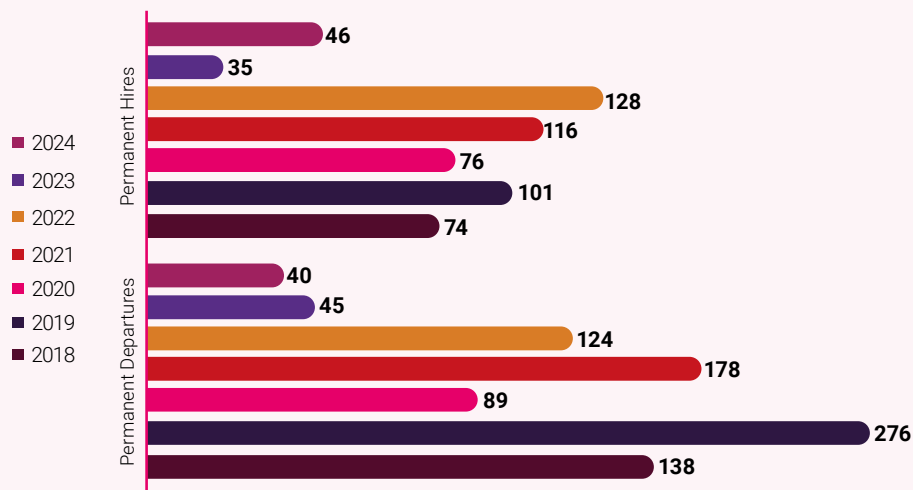


Note: Historical reduction from divestments in generation and distribution assets.

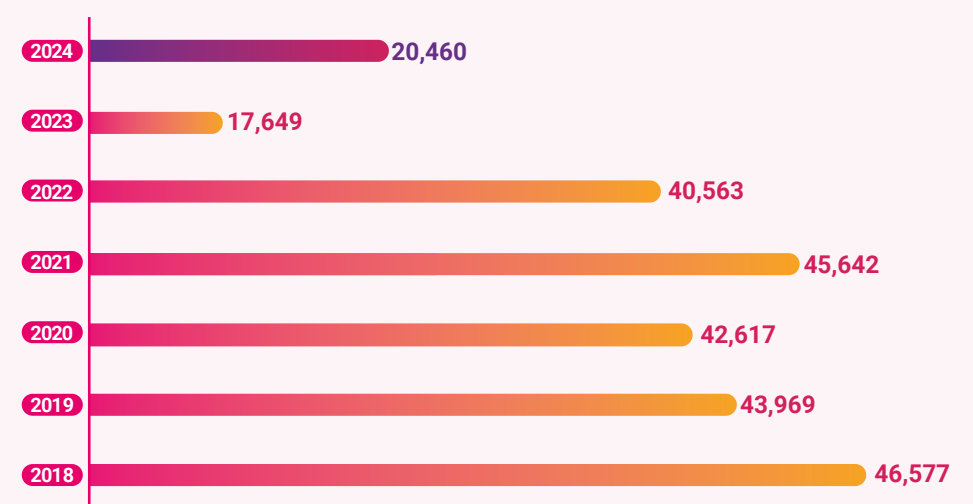
### Executives (#)



### Hires and Departures (#)



### Training Hours (#)



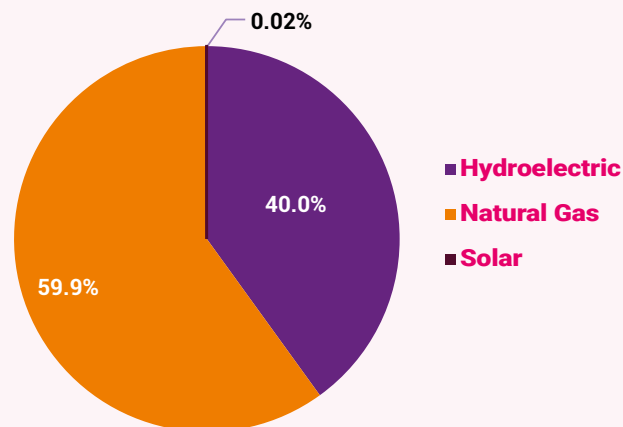




## Partners

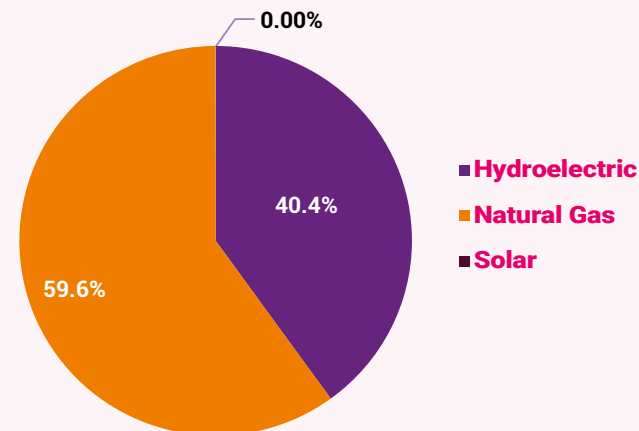
Kallpa, Las Flores, Cerro del Aguila, Cañon del Pato, Carhuaquero, Yungay.

### 2024 Generation Installed Capacity



Note: Carhuaquero Solar Power Plant (0.6MW) started operations in 2024.

### 2024 Energy Generated

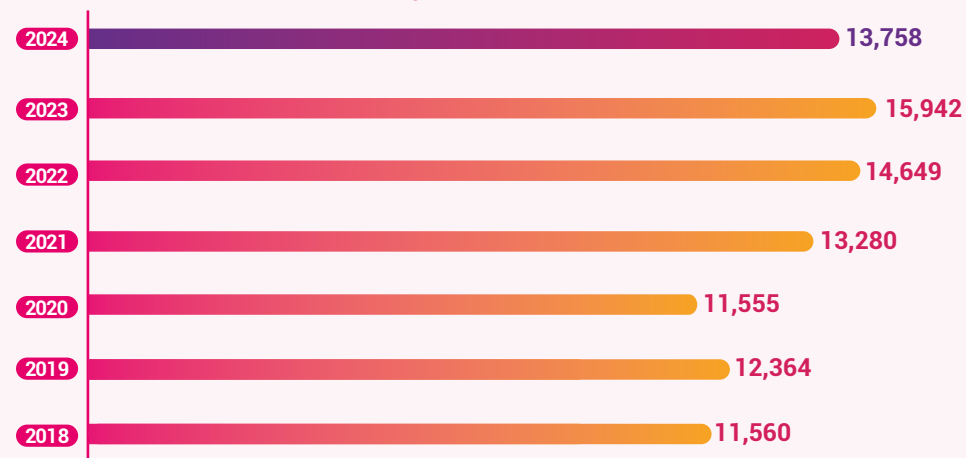


Note: Natural Gas includes both Combined Cycle and Open Cycle operations.

### Low Carbon Generation

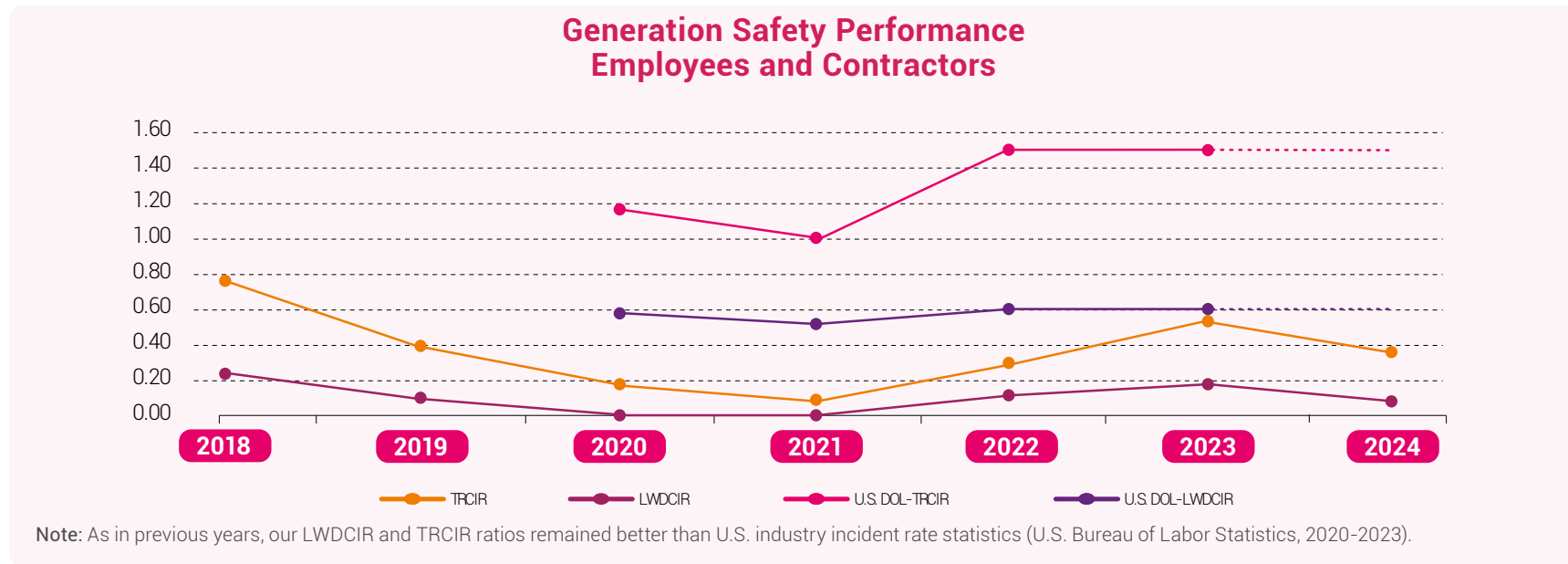


### Electricity Generated (GWh)

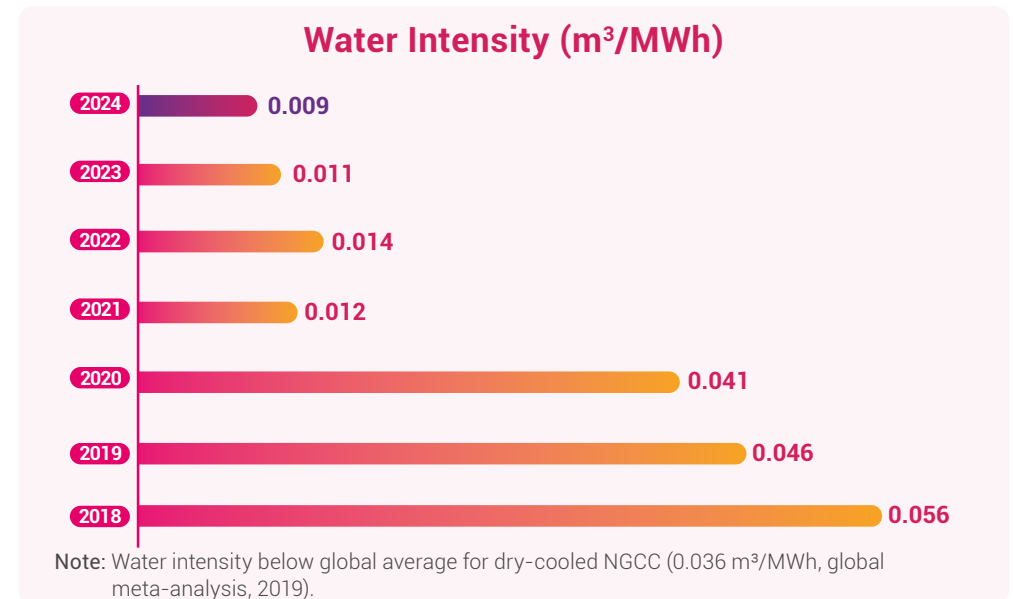
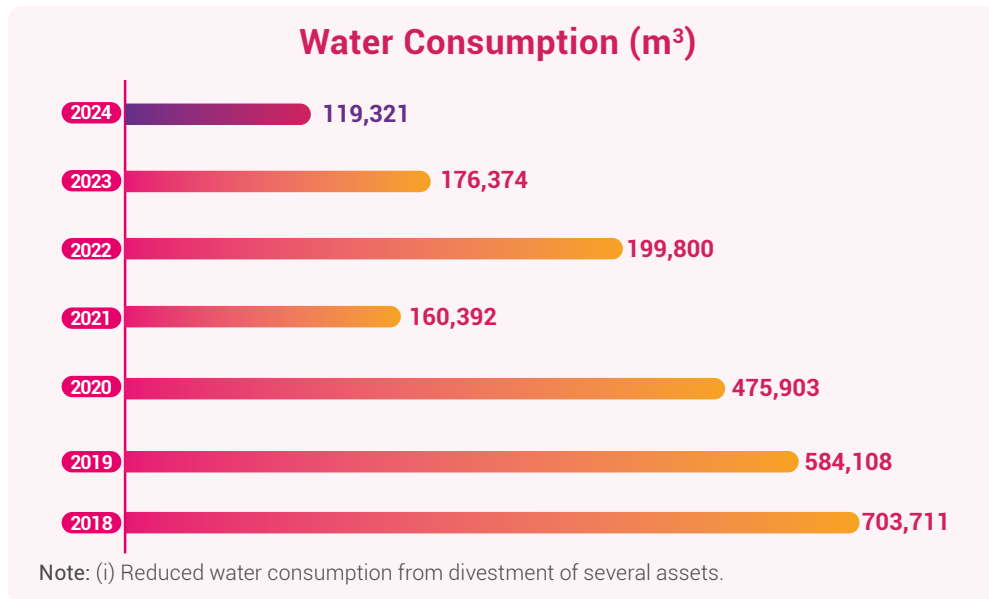


Note: Generation decrease in 2024 due to divestment of several assets.

## 1. Safety Performance

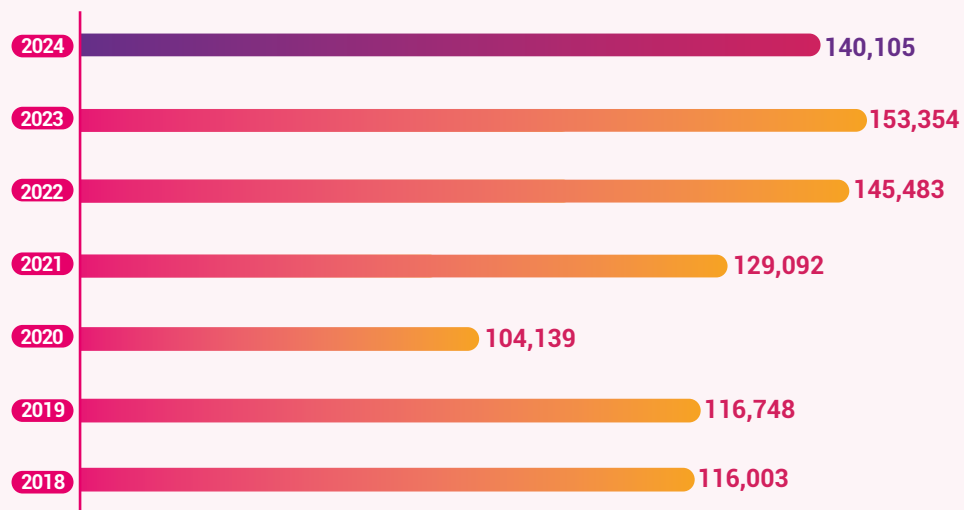


## 2. Environmental Stewardship

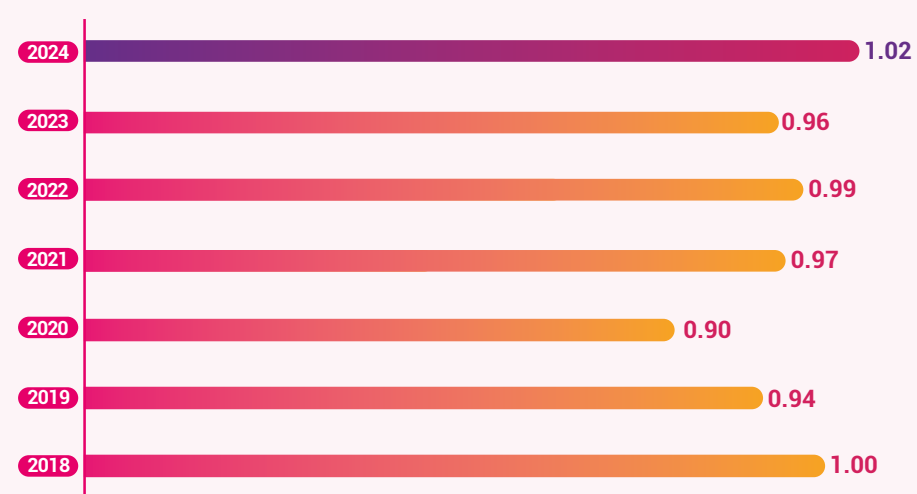




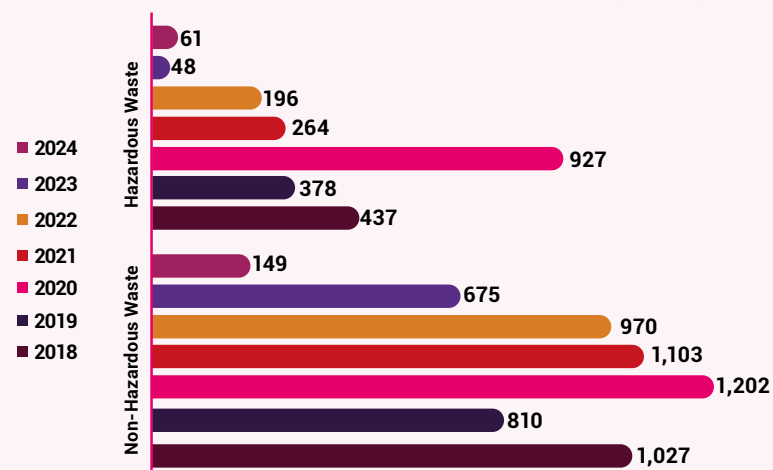
### Internal Energy Consumption (MWh)



### Internal Energy Consumption (%)



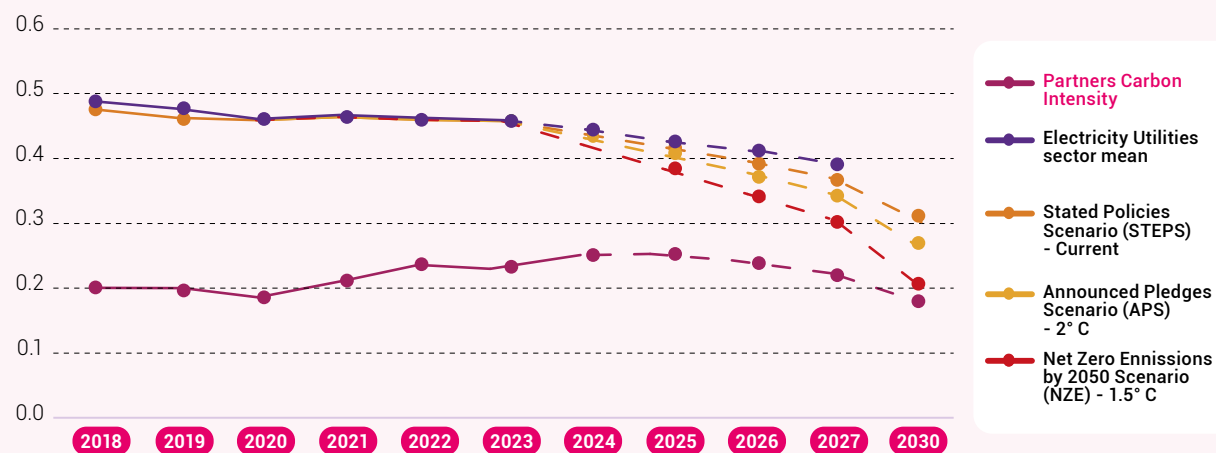
### Industrial Solid Waste (Tons)



Notes: (i) 2020 Increase in hazardous waste from cleanup after multiple theft attempts on the natural gas liquids pipeline.  
(ii) 2020 Increase in non-hazardous waste linked to Aguaytía O&G production, divested in 2022.

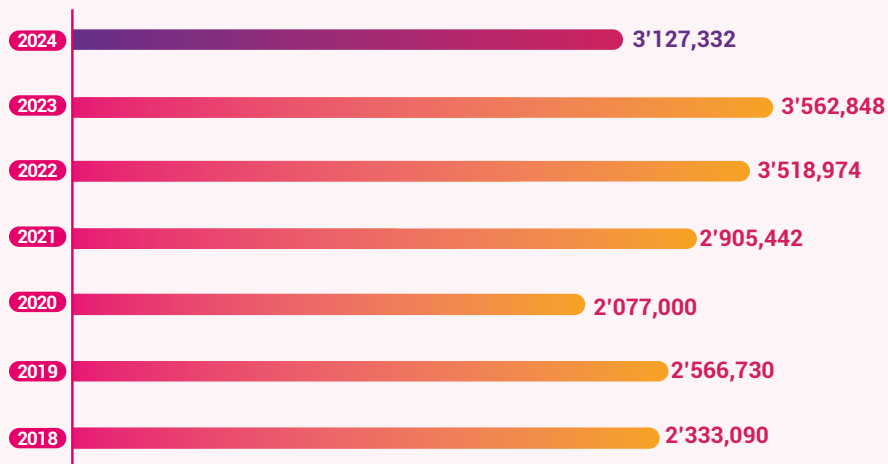


### Carbon Intensity Reduction Pathway (Tons CO<sub>2</sub>e/MWh)



Note: Carbon intensity remains well below Paris-Pledges 2030 targets and the sector mean of 0.445 (IEA, World Energy Outlook).

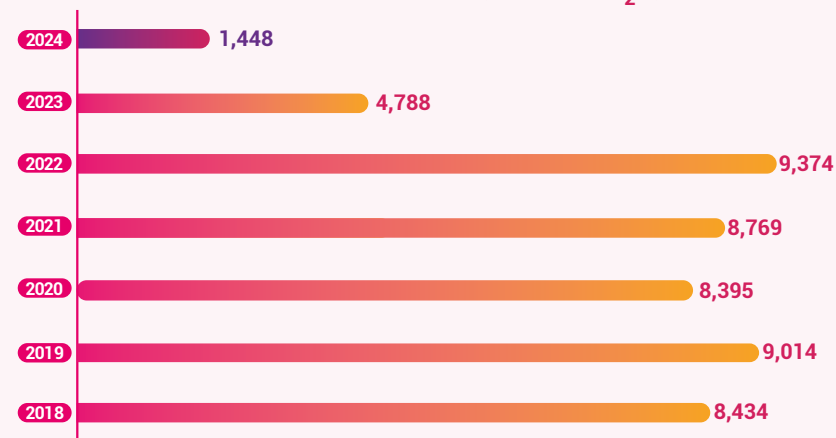
### Scope 1 CO<sub>2</sub> Emissions (Tons CO<sub>2</sub>e)



Notes: (i) Scope 1 CO<sub>2</sub> emissions (generation).

(ii) 2022 and 2023 Increase in CO<sub>2</sub> emissions from higher demand for thermoelectric generation.

### Scope 2 CO<sub>2</sub> Emissions from Purchased Electricity for Own Use (Tons CO<sub>2</sub>e)

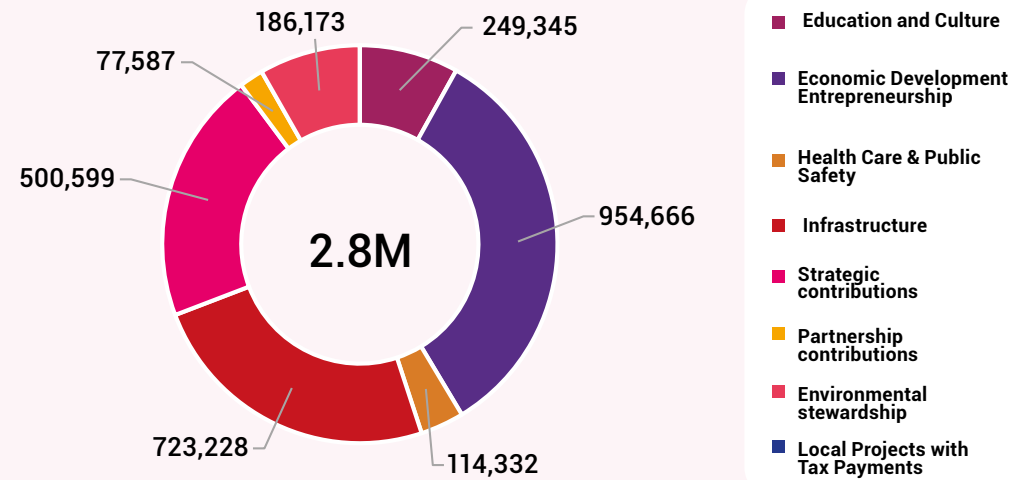


Notes: (i) Scope 2 CO<sub>2</sub> emissions by energy consumption from the grid.

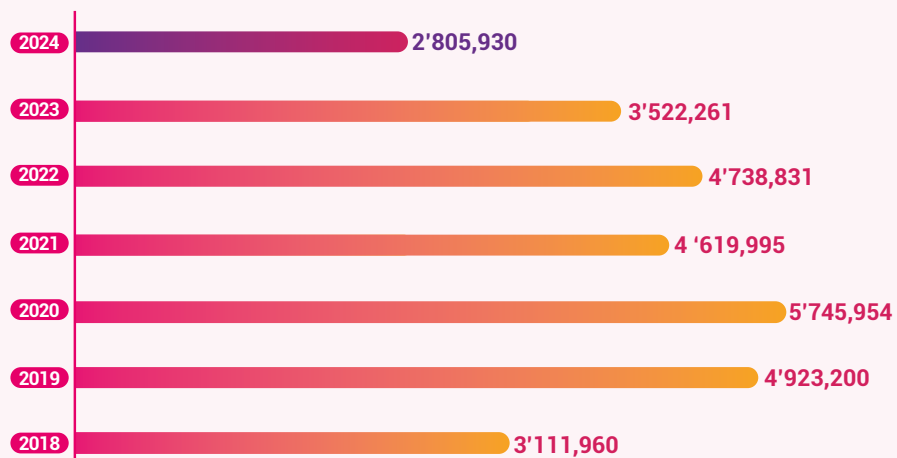
(ii) Scope 2 Reduction from lower grid consumption at plants and divestment.

### 3. Social Responsibility and Community Engagement

Social and Community Investment by Category (US\$)

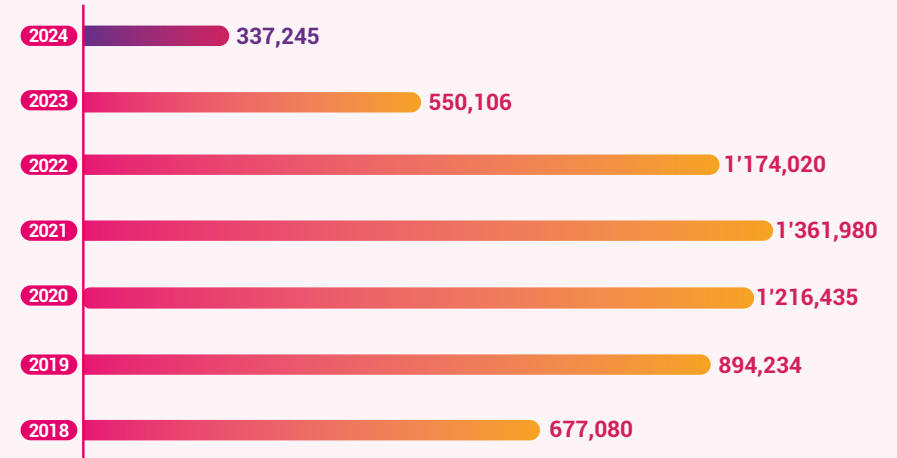


Social and Community Investment (US\$)



Note: The reduction is attributed to the divestment of several assets.

Number of Individuals Benefited (#)

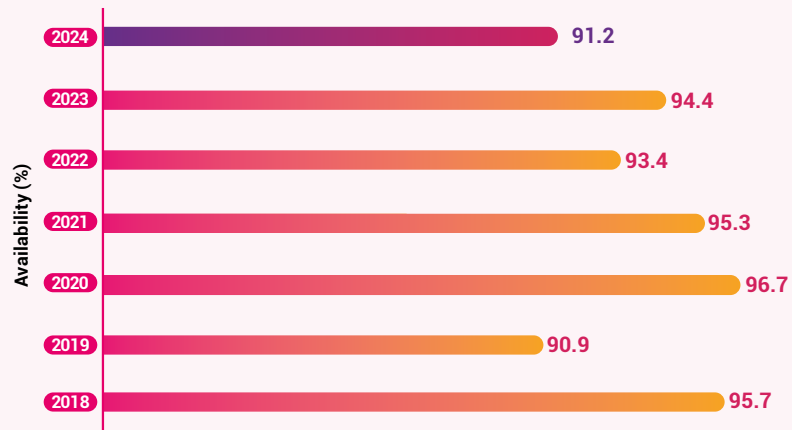


Note: The reduction is attributed to the divestment of several assets.



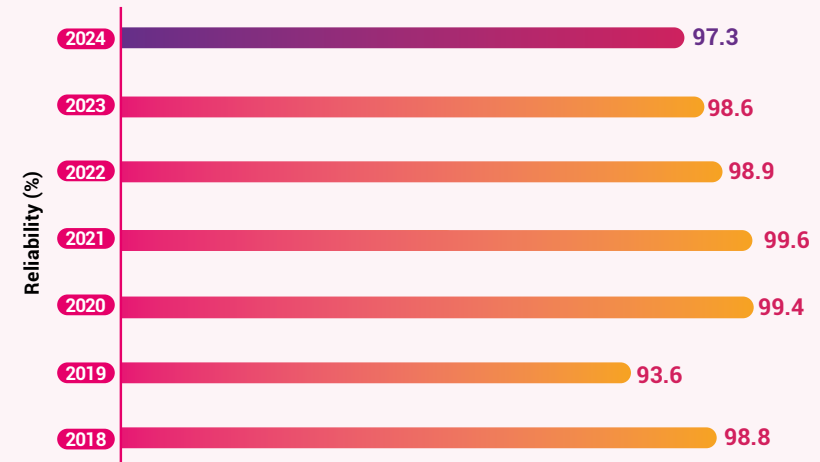
## 4. Operational Excellence

### Operational Performance (%)



Note: 2024 Availability affected by Las Flores repairs, and generator rotor maintenance at Yungay.

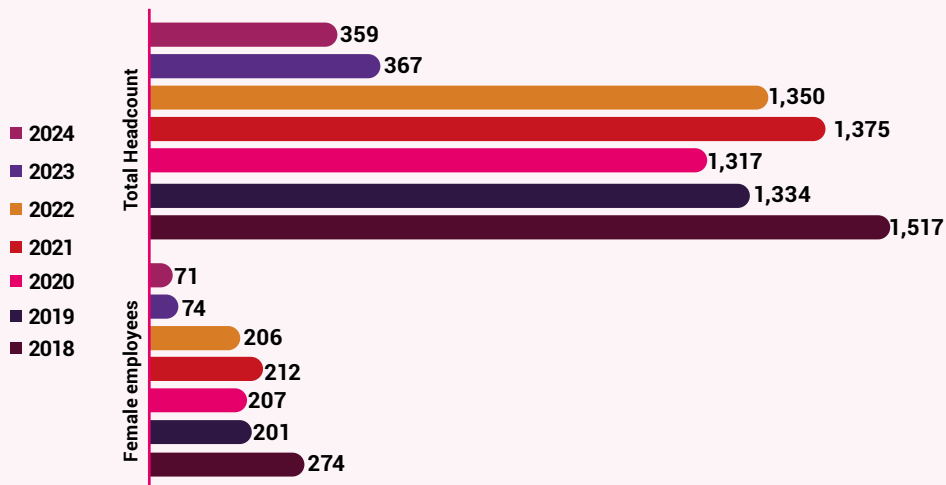
### Operational Performance (%)



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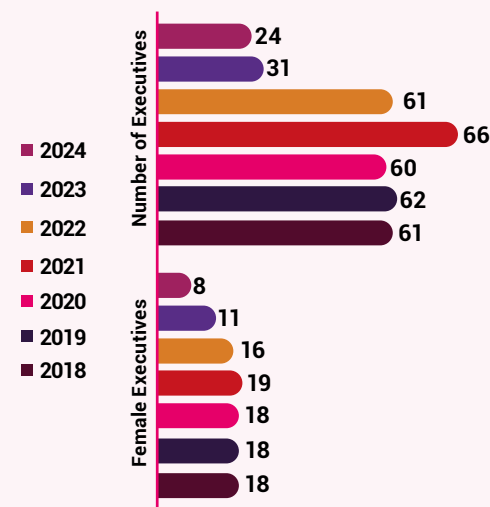
## 5. Workforce

### Workforce (#)



Note: Reduction from asset divestments.

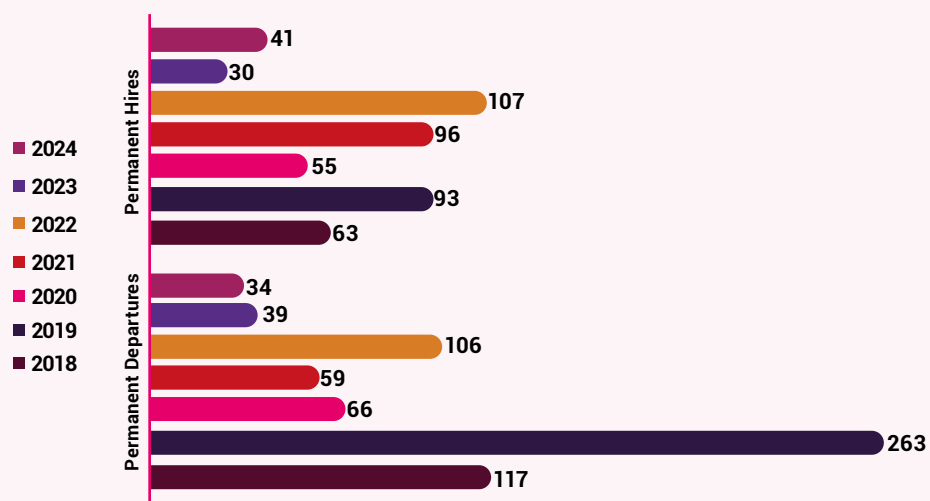
### Executives (#)



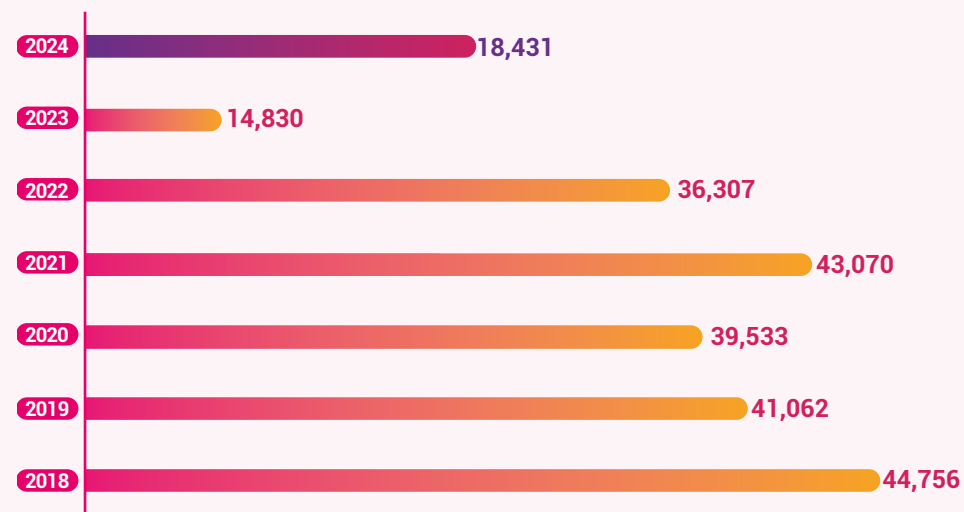




### Hires and Departures (#)



### Training Hours (#)

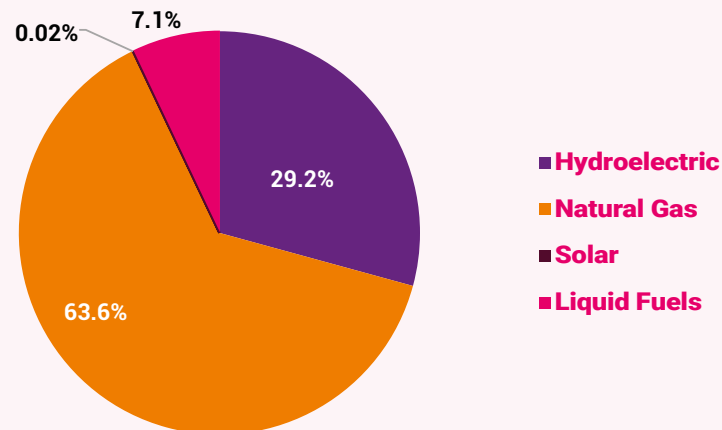




# Inkia (INKENE)

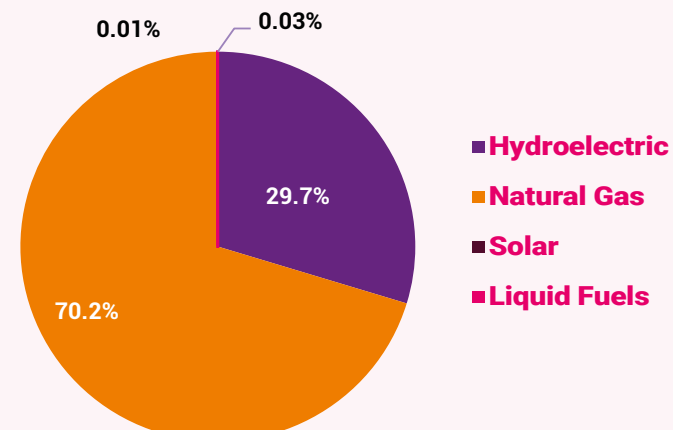
Nautilus Inkia Holdings SCS (Kallpa, Las Flores, Cerro del Aguila), Nautilus Isthmus Holdings LLC (Cardones, Colmito).

## 2024 Generation Installed Capacity



Note: Carhuquero Solar Power Plant (0.6MW) started operations in 2024.

## 2024 Energy Generated



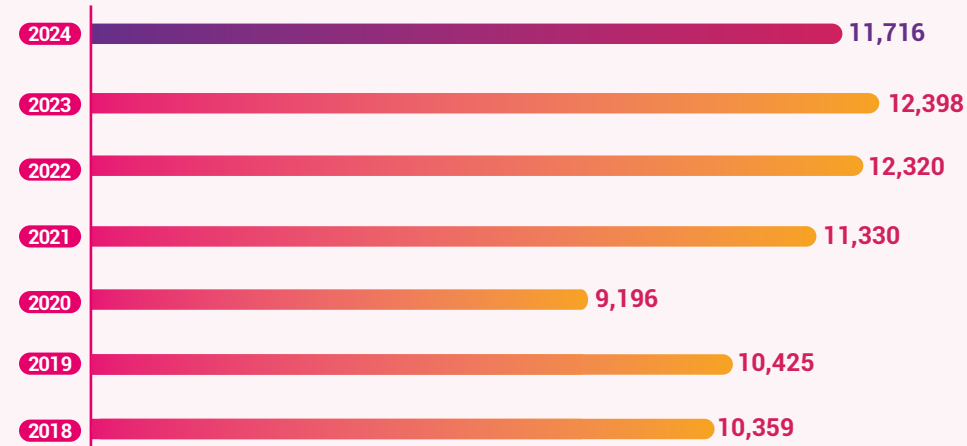
Note: Natural Gas includes both Combined Cycle and Open Cycle operations.

## Low Carbon Generation



Note: Reduction in 2024 due to divestment of several assets, including hydro plants in Bolivia and wind farms in Nicaragua.

## Electricity Generated (GWh)

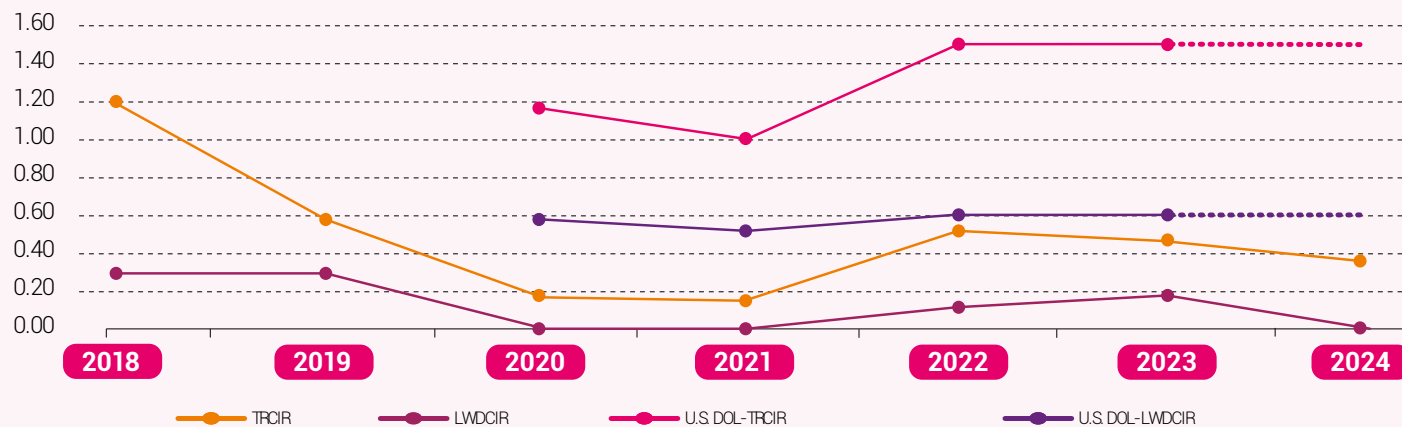


Note: Generation decrease in 2024 due to divestment of several assets.



## 1. Safety Performance

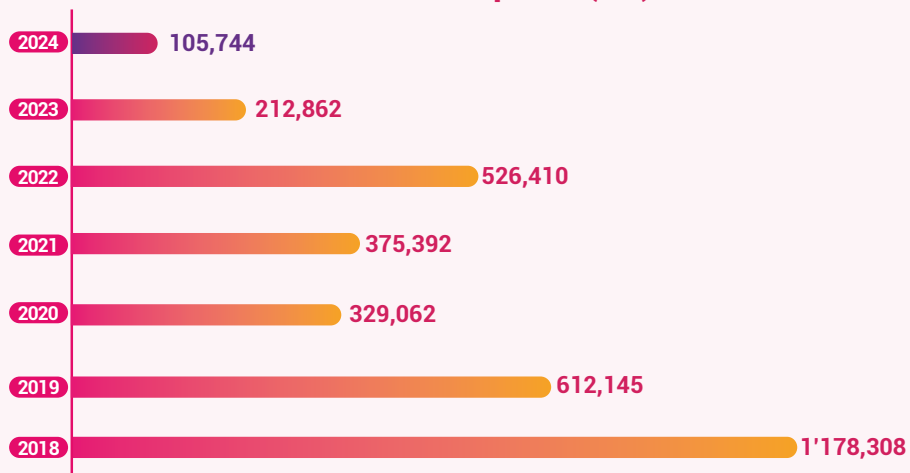
### Generation Safety Performance Employees and Contractors



Note: As in previous years, our LWDCIR and TRCIR ratios remained better than U.S. industry incident rate statistics (U.S. Bureau of Labor Statistics, 2020-2023).

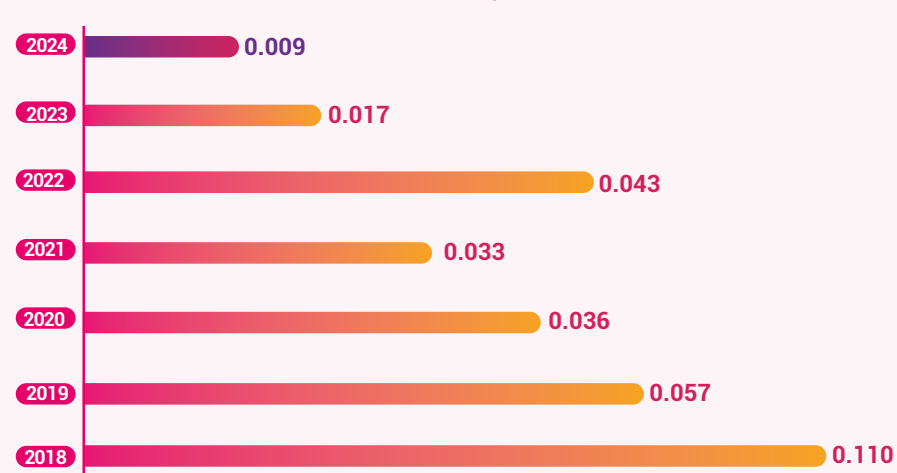
## 2. Environmental Stewardship

### Water Consumption (m<sup>3</sup>)



Notes: (i) Reduced water consumption from divestment of several assets.  
(ii) Increased water consumption in 2022 due to higher demand for thermoelectric generation.

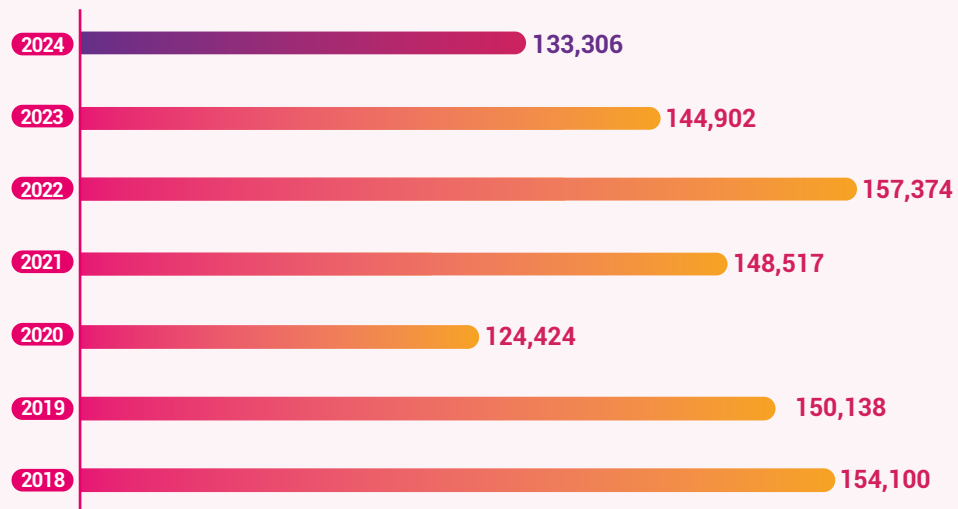
### Water Intensity (m<sup>3</sup>/MWh)



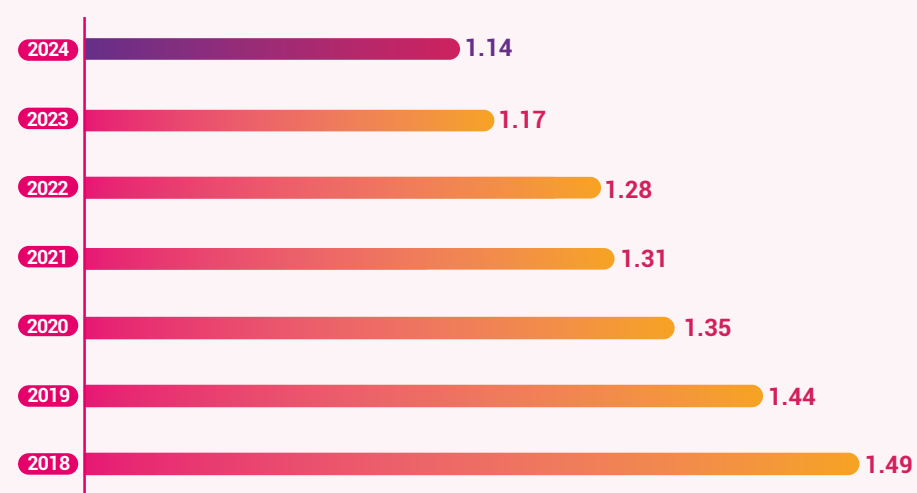
Note: Water intensity below global average for dry-cooled NGCC (0.036 m<sup>3</sup>/MWh, global meta-analysis, 2019).



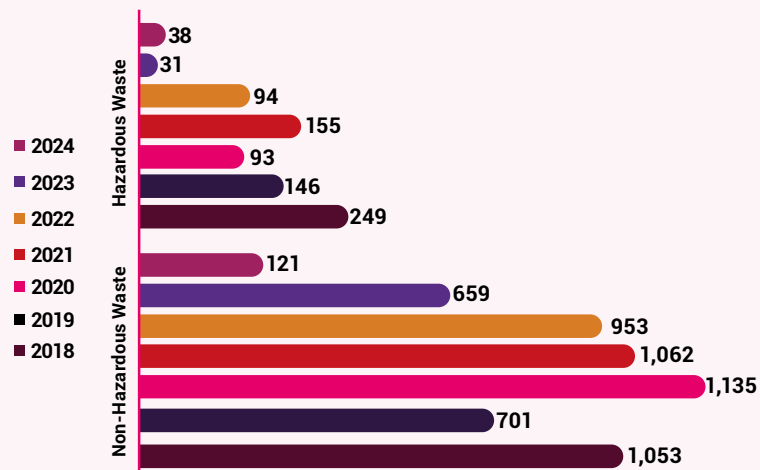
### Internal Energy Consumption (MWh)



### Internal Energy Consumption (%)



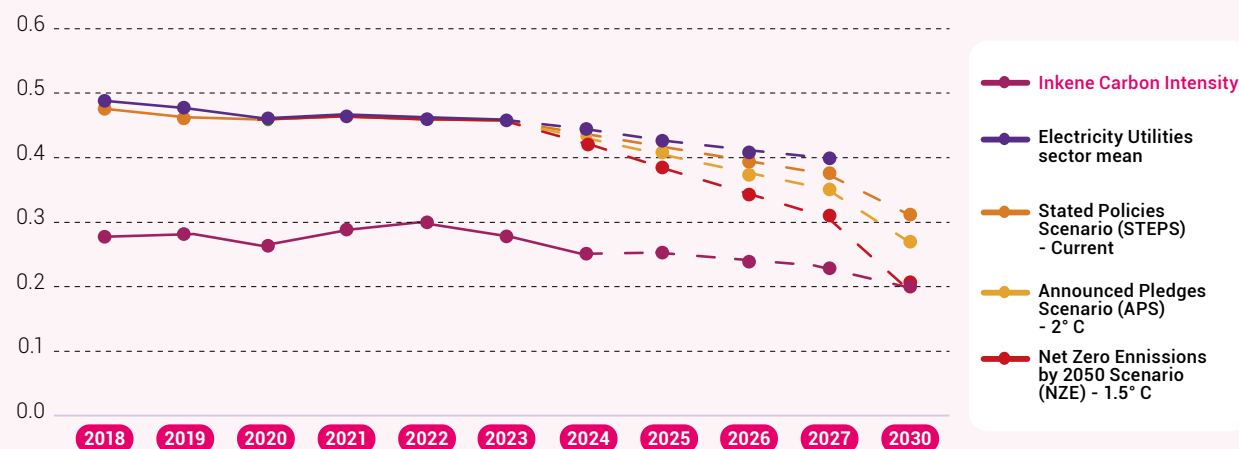
### Industrial Solid Waste (Tons)



Note: (i) 2024 Reduction in non-hazardous waste from divestment of Energuate.

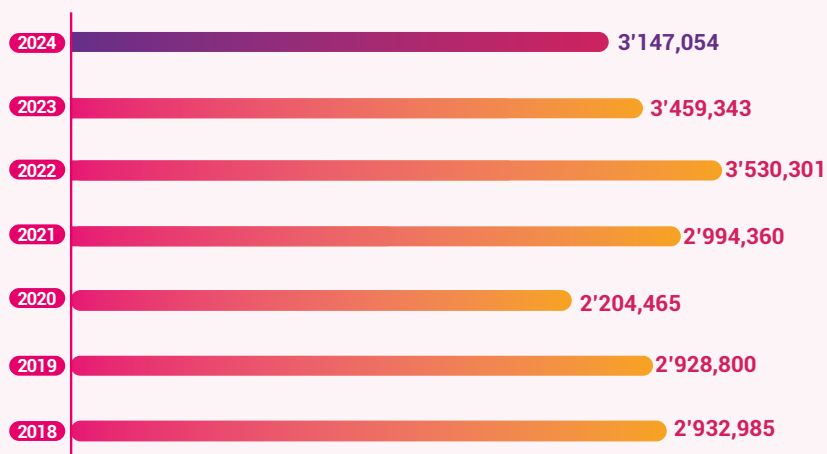


### Carbon Intensity Reduction Pathway (Tons CO<sub>2</sub>e/MWh)



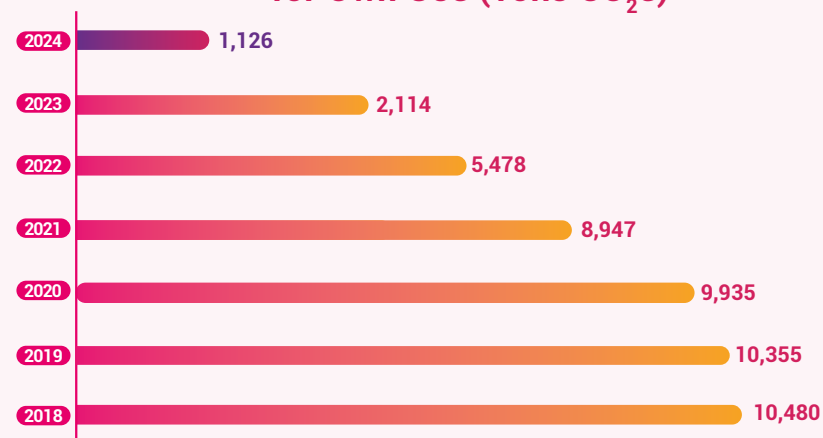
Note: Carbon intensity remains well below Paris-Pledges 2030 targets and the sector mean of 0.445 (IEA, World Energy Outlook).

### Scope 1 CO<sub>2</sub> Emissions (Tons CO<sub>2</sub>e)



Notes: (i) Scope 1 CO<sub>2</sub> emissions (generation).  
(ii) 2022 Increase in CO<sub>2</sub> emissions from higher demand for thermoelectric generation.

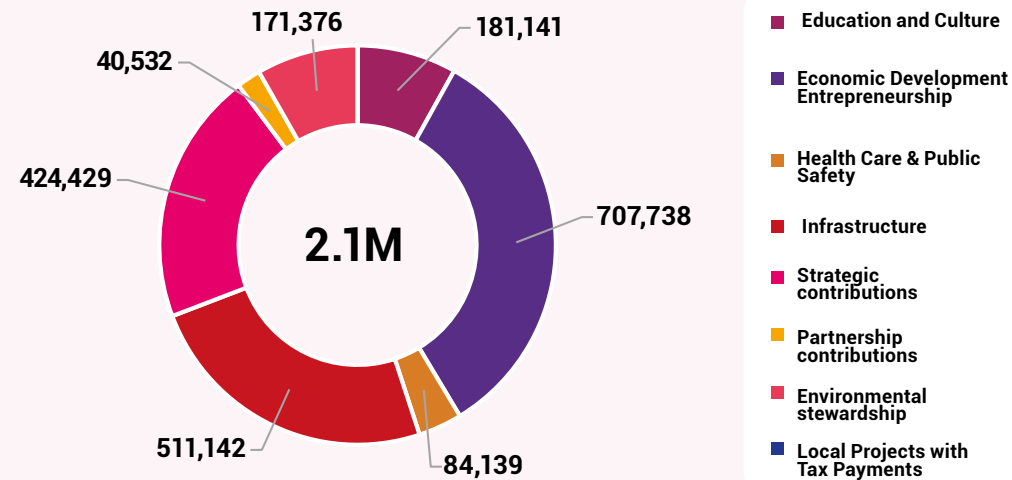
### Scope 2 CO<sub>2</sub> Emissions from Purchased Electricity for Own Use (Tons CO<sub>2</sub>e)



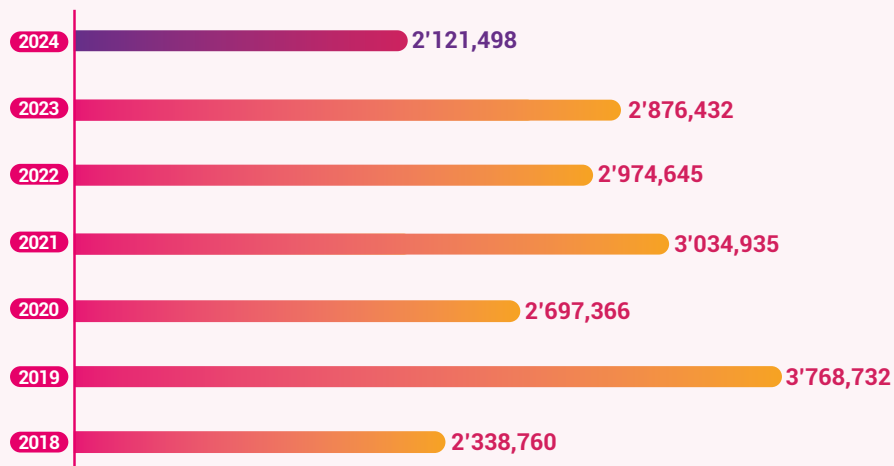
Notes: (i) Scope 2 CO<sub>2</sub> emissions by energy consumption from the grid.  
(ii) Scope 2 Reduction from lower grid consumption at plants and divestment.

### 3. Social Responsibility and Community Engagement

Social and Community Investment by Category (US\$)

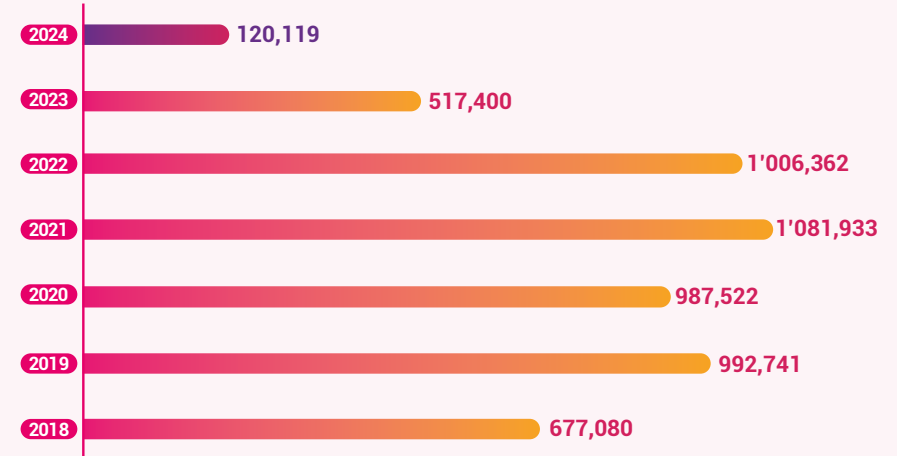


Social and Community Investment (US\$)



Note: The reduction is attributed to the divestment of several assets.

Number of Individuals Benefited (#)



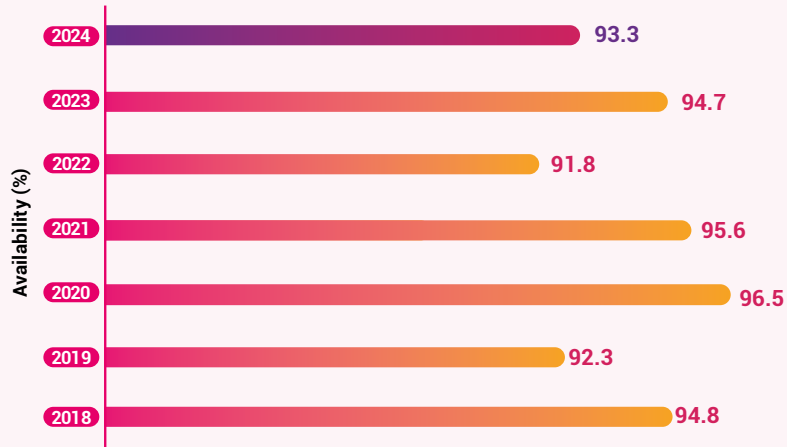
Note: The reduction is attributed to the divestment of several assets.





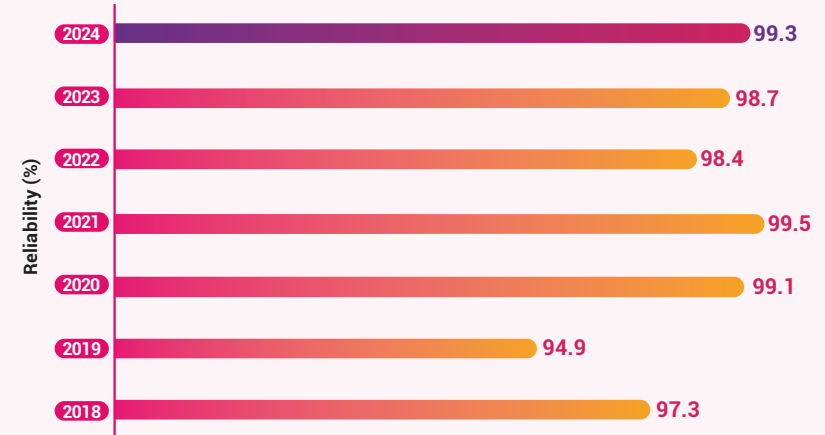
## 4. Operational Excellence

### Operational Performance (%)



Note: 2024 Availability affected by Las Flores repairs.

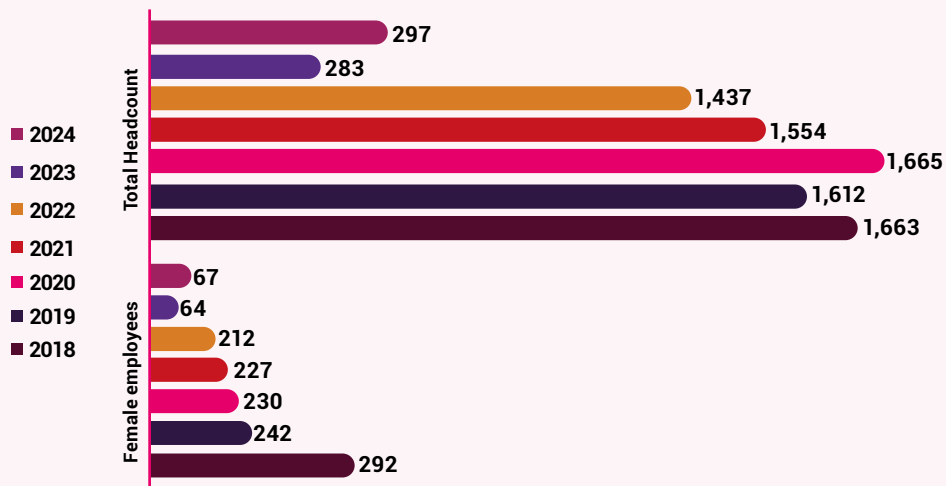
### Operational Performance (%)



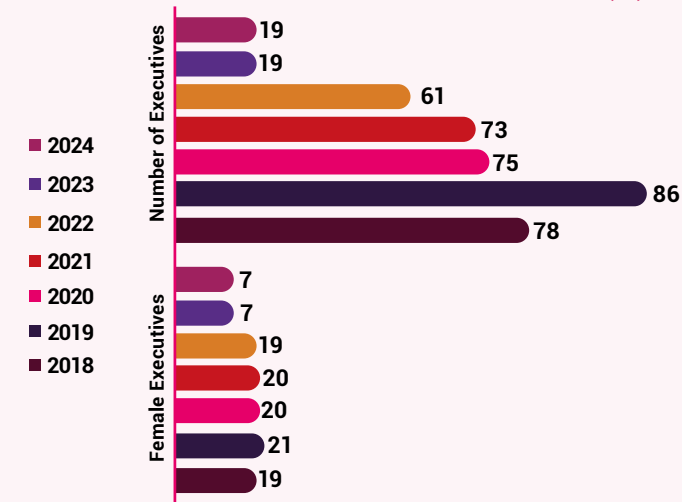
Note: 2024 Availability affected by Las Flores repairs.

## 5. Workforce

### Workforce (#)

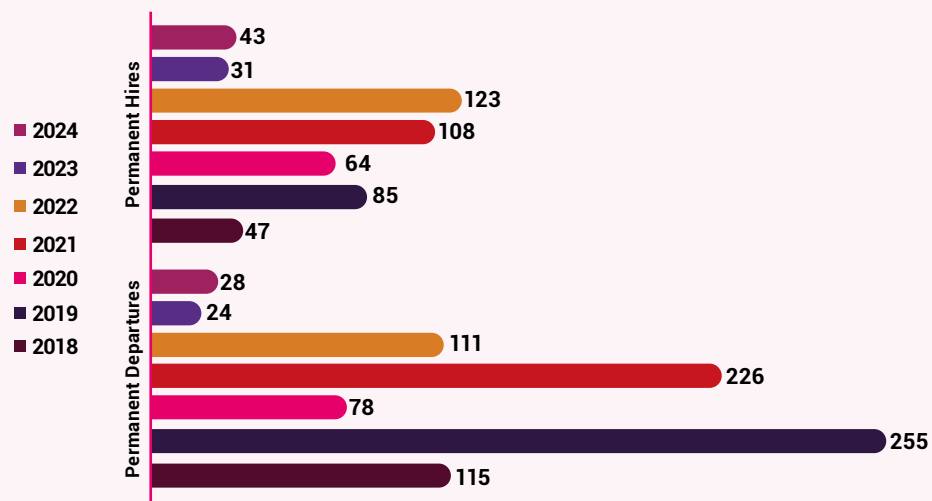


### Executives (#)

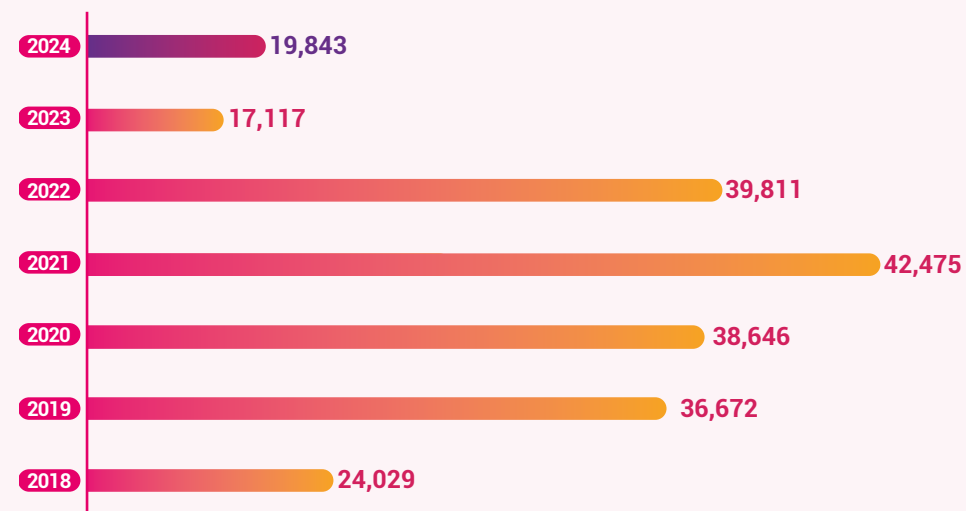




### Hires and Departures (#)



### Training Hours (#)

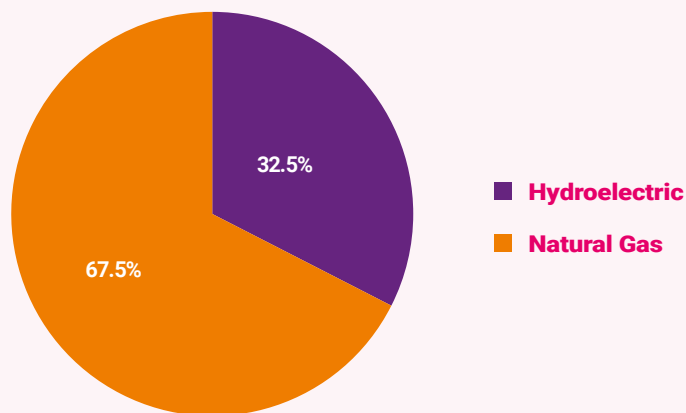




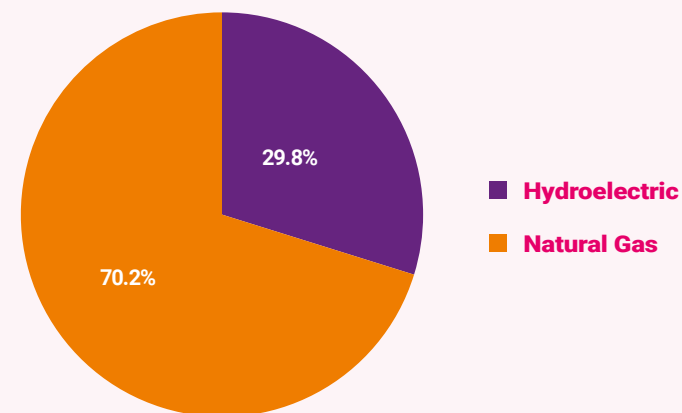
# Kallpa

Kallpa Generación S.A. (Kallpa, Las Flores, Cerro del Aguila)

### 2024 Generation Installed Capacity



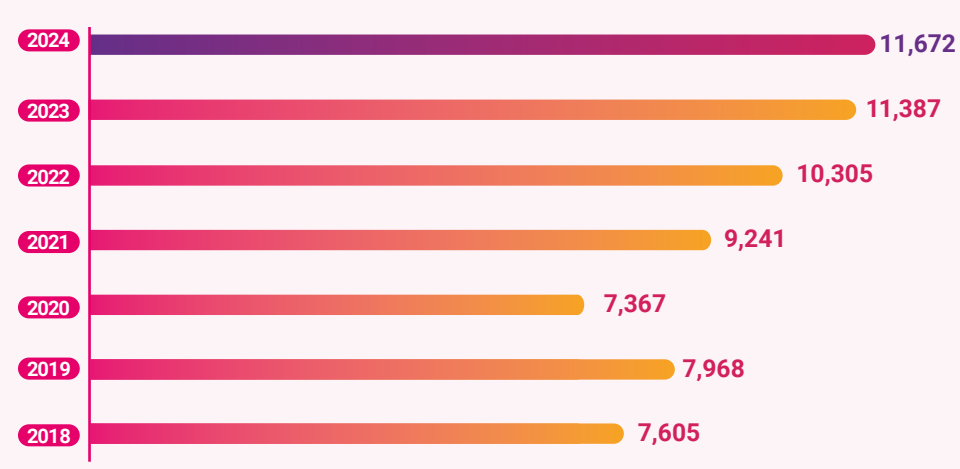
### 2024 Energy Generated



### Low Carbon Generation



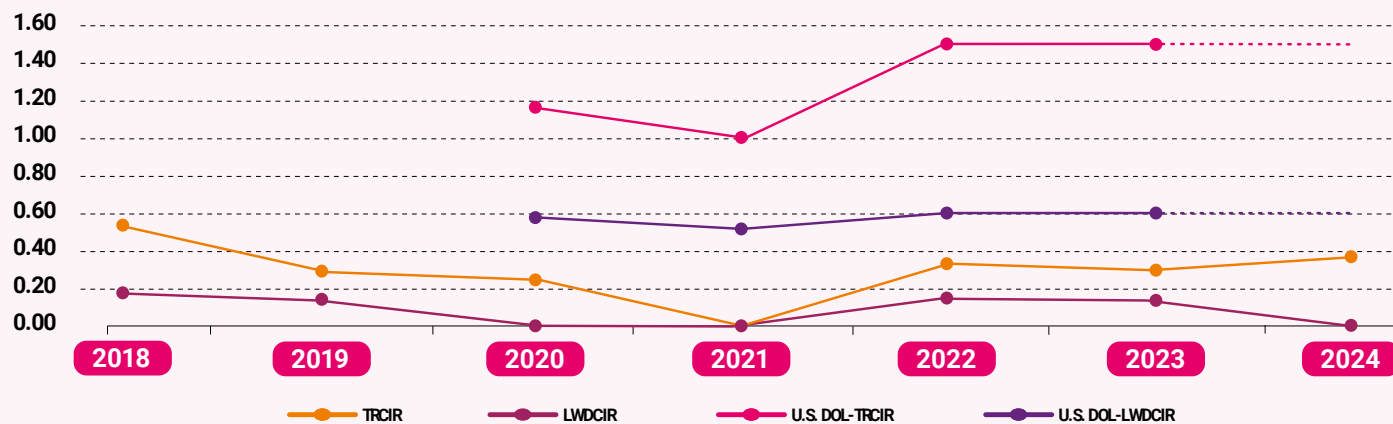
### Electricity Generated (GWh)





## 1. Safety Performance

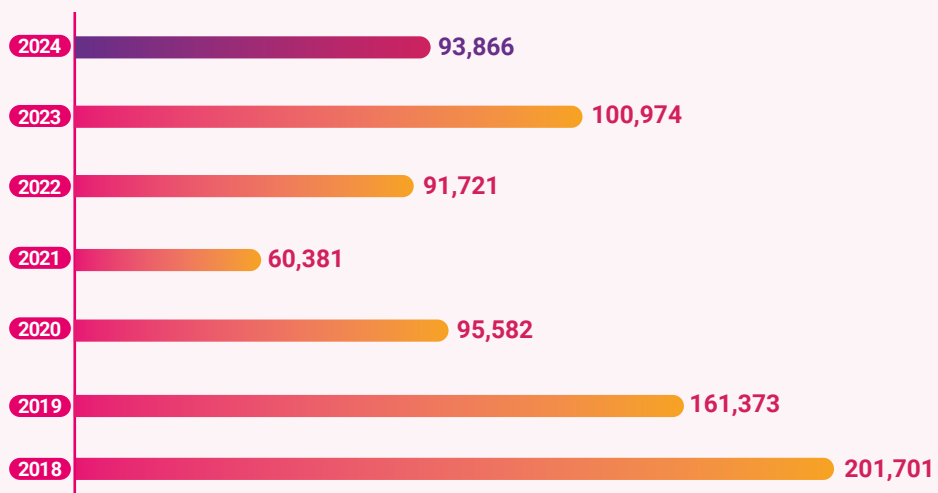
### Generation Safety Performance Employees and Contractors



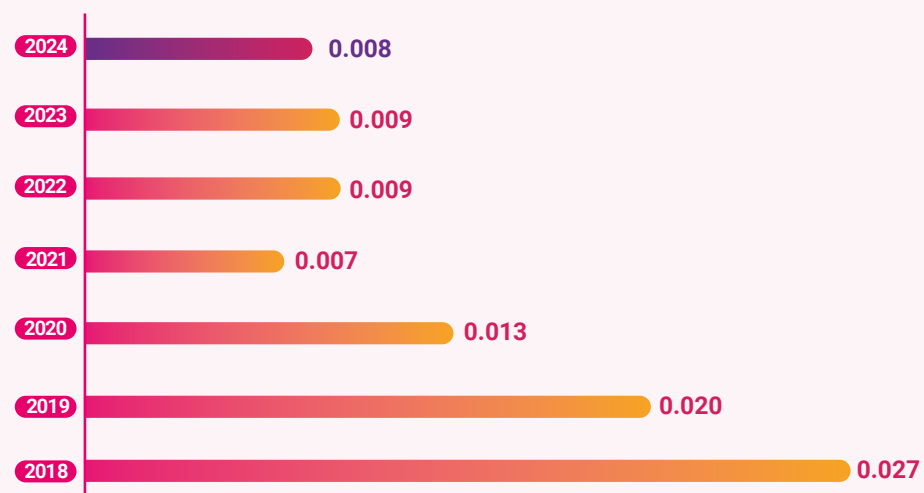
Note: As in previous years, our LWDCIR and TRCIR ratios remained better than U.S. industry incident rate statistics (U.S. Bureau of Labor Statistics, 2020-2023).

## 2. Environmental Stewardship

### Water Consumption (m<sup>3</sup>)

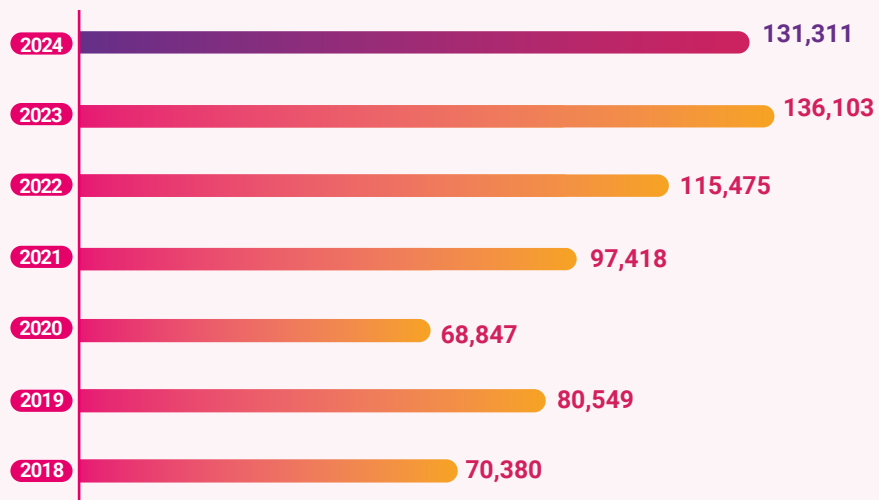


### Water Intensity (m<sup>3</sup>/MWh)



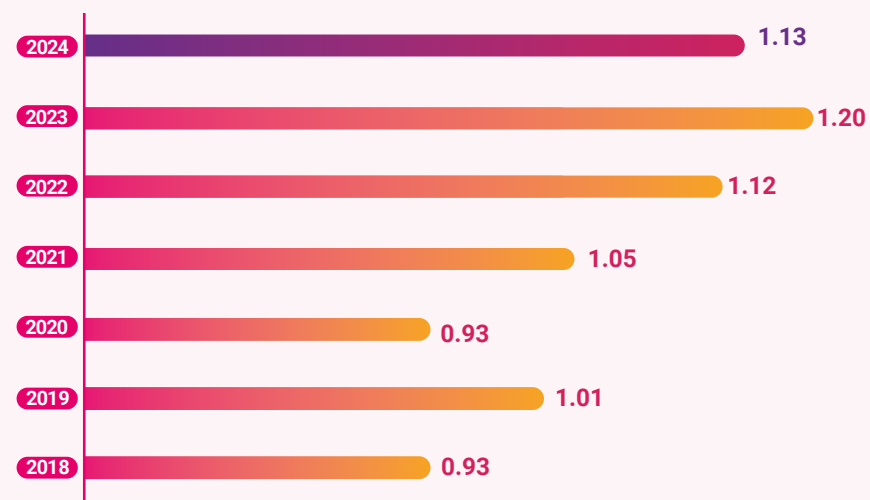


### Internal Energy Consumption (MWh)

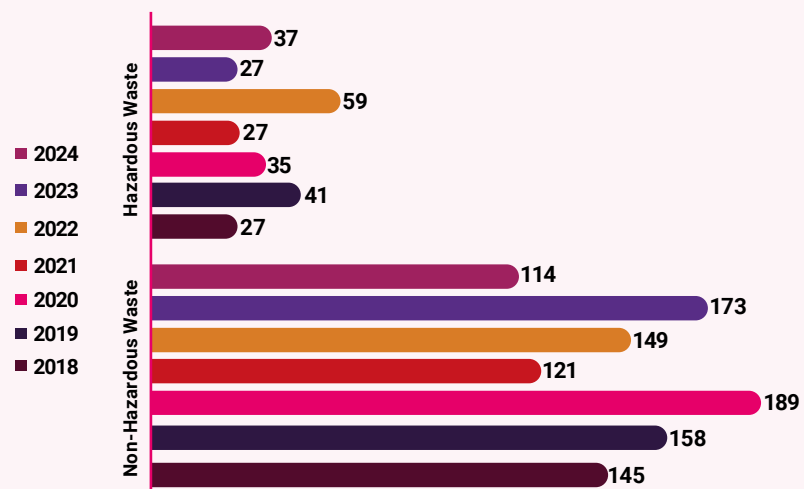


Note: Increased internal energy use from higher thermoelectric demand.

### Internal Energy Consumption (%)

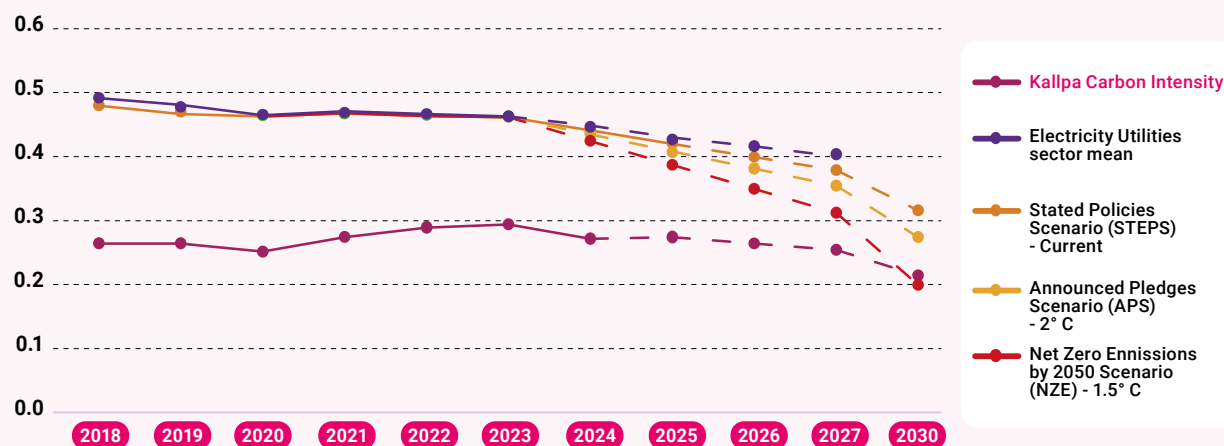


### Industrial Solid Waste (Tons)



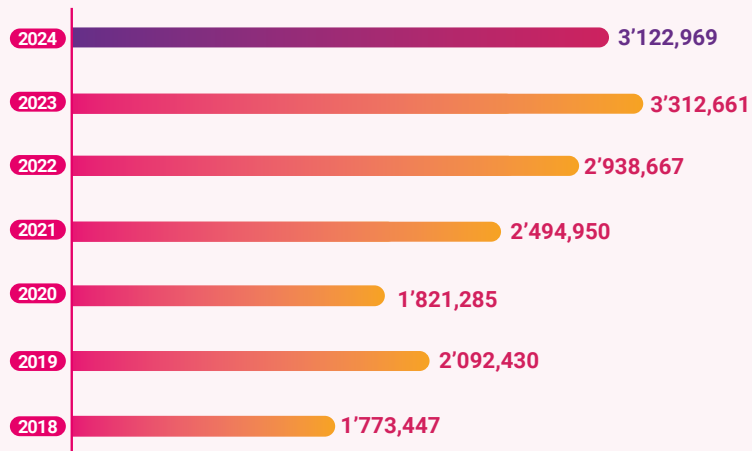


### Carbon Intensity Reduction Pathway (Tons CO<sub>2</sub>e/MWh)



Note: Carbon intensity remains well below Paris-Pledges 2030 targets and the sector mean of 0.445 (IEA, World Energy Outlook).

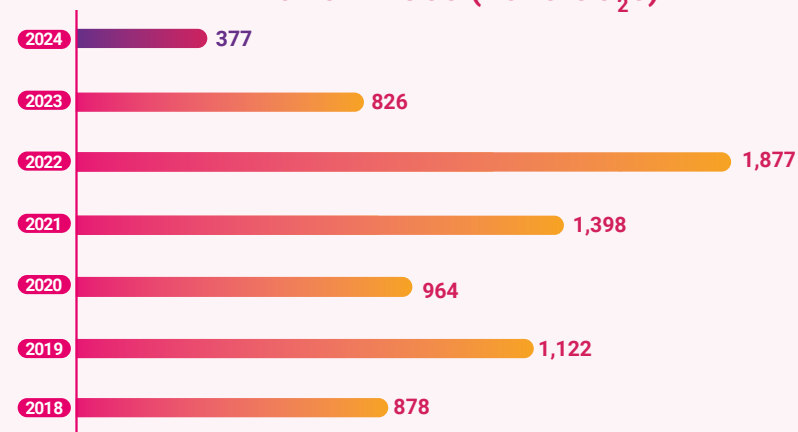
### Scope 1 CO<sub>2</sub> Emissions (Tons CO<sub>2</sub>e)



Notes: (i) Scope 1 CO<sub>2</sub> emissions (generation).

(ii) 2022 Increase in CO<sub>2</sub> emissions from higher demand for thermoelectric generation.

### Scope 2 CO<sub>2</sub> Emissions from Purchased Electricity for Own Use (Tons CO<sub>2</sub>e)



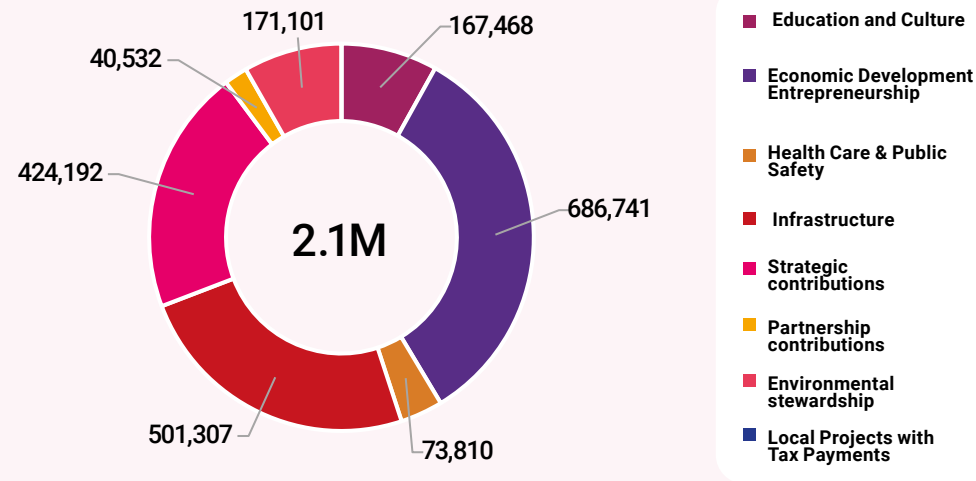
Notes: (i) Scope 2 CO<sub>2</sub> emissions by energy consumption from the grid.

(ii) Scope 2 Reduction from lower grid consumption at plants

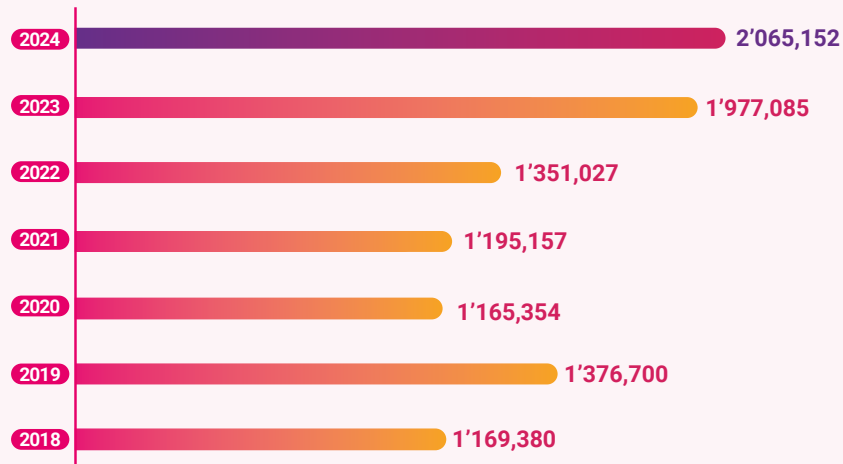


### 3. Social Responsibility and Community Engagement

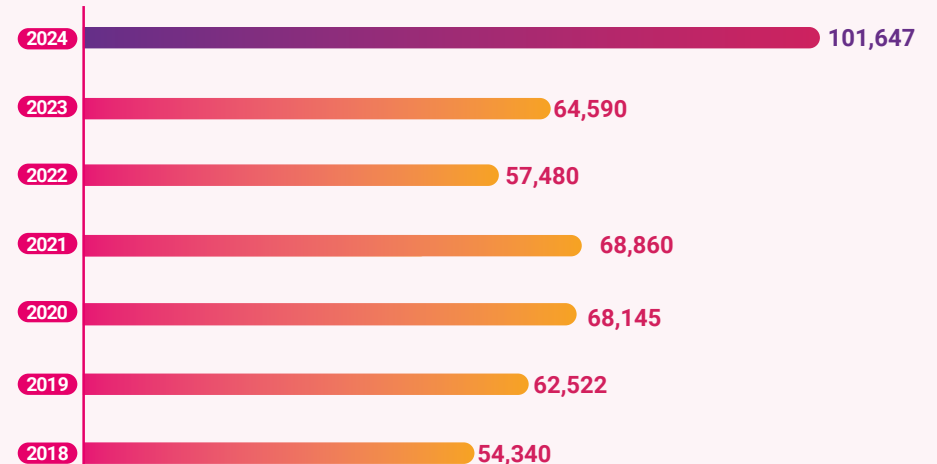
Social and Community Investment by Category (US\$)



Social and Community Investment (US\$)



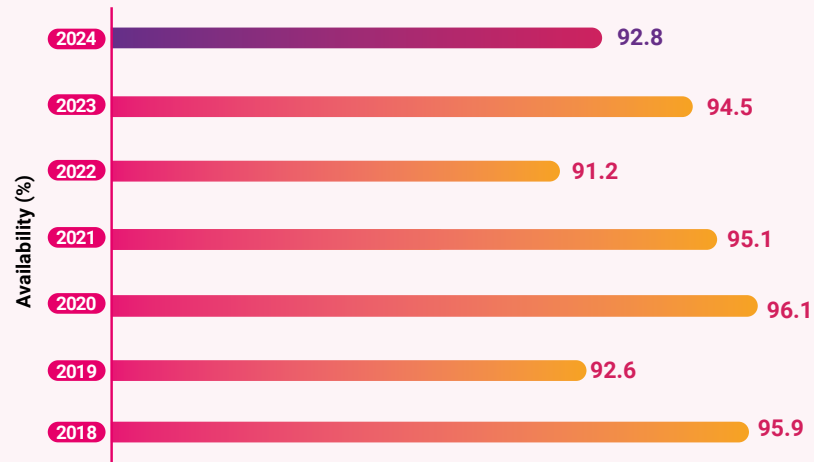
Number of Individuals Benefited (#)





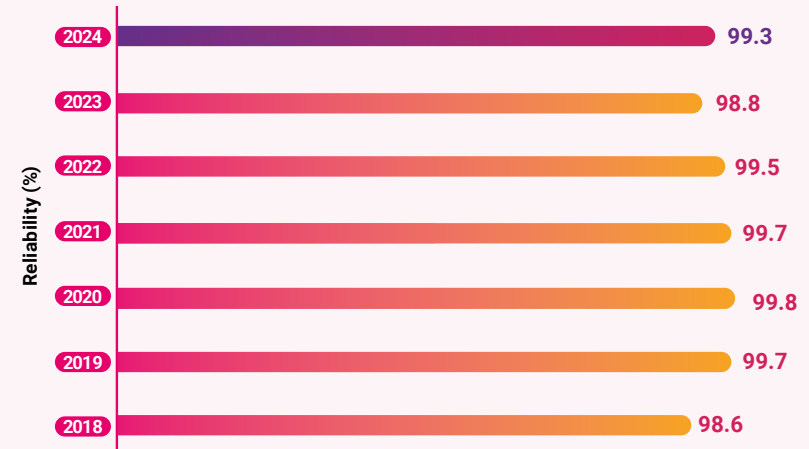
## 4. Operational Excellence

### Operational Performance (%)



Note: Availability affected by Las Flores repairs (2024).

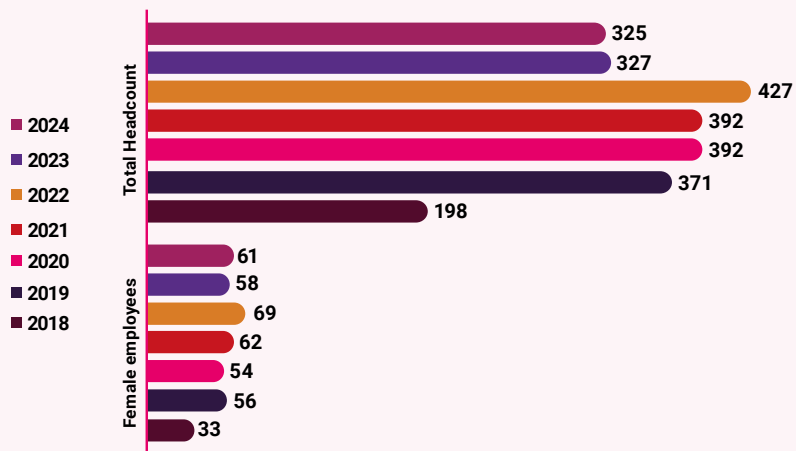
### Operational Performance (%)



Note: Reliability affected by corrective maintenance outages at Kallpa and Las Flores.

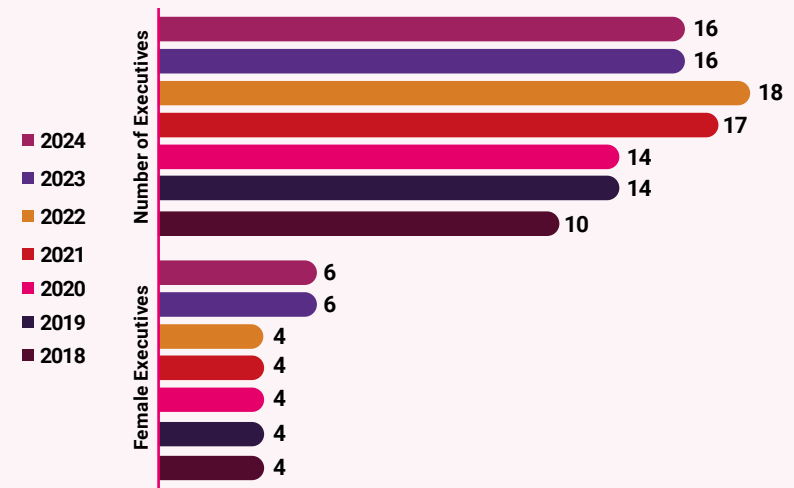
## 5. Workforce

### Workforce (#)



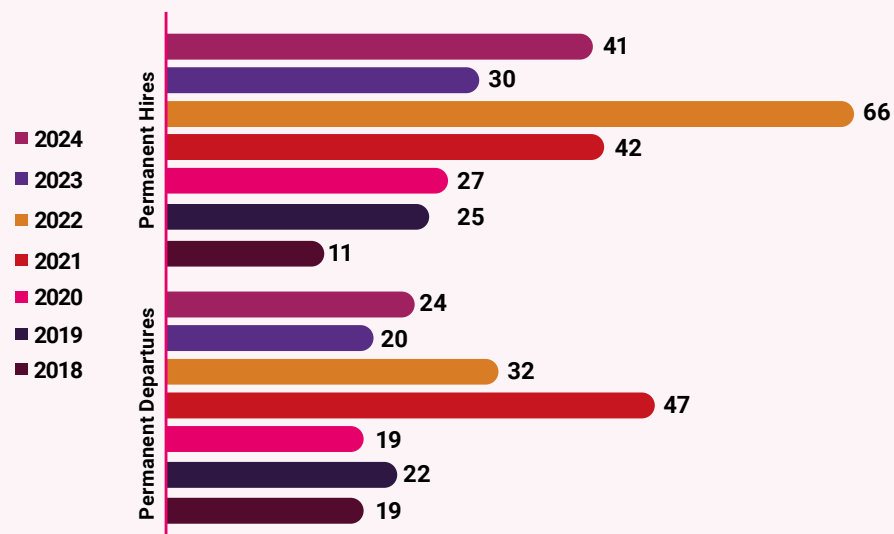
Note: Orazul Peru employees work under Kallpa since 2019.

### Executives (#)

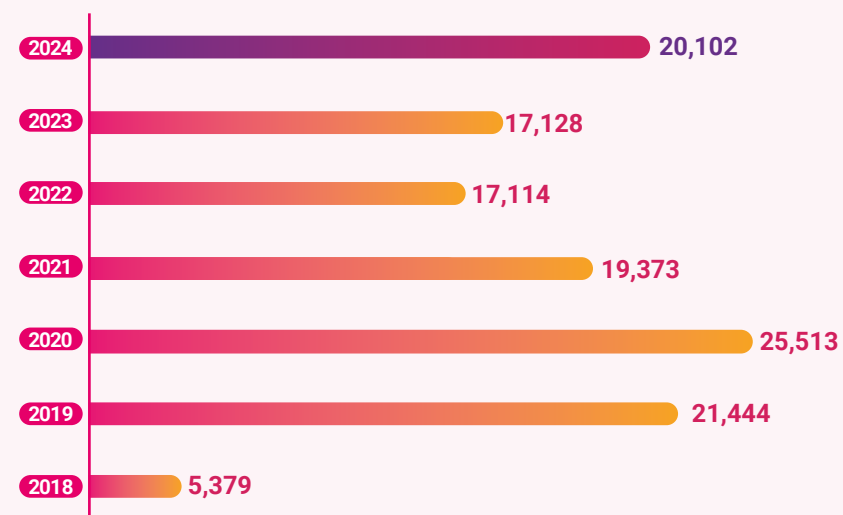




### Hires and Departures (#)



### Training Hours (#)

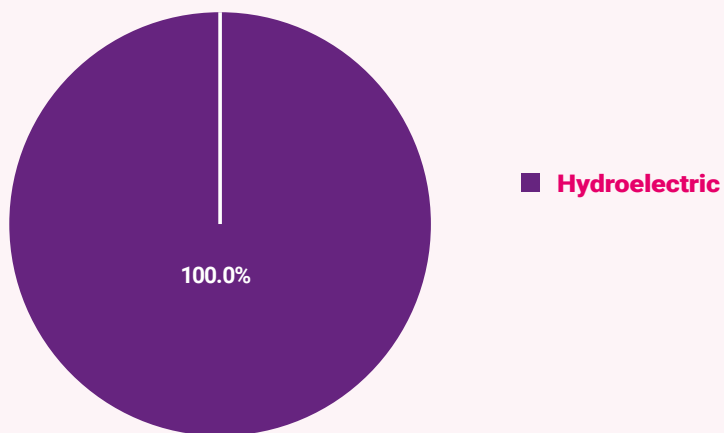




# Orazul Peru (ORSAPE)

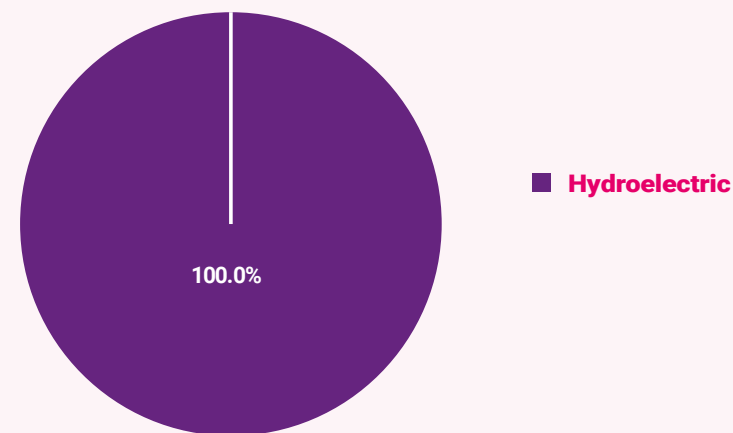
Orazul Energy Peru S.A. (Cañon del Pato, Carhuaquero)

## 2024 Generation Installed Capacity



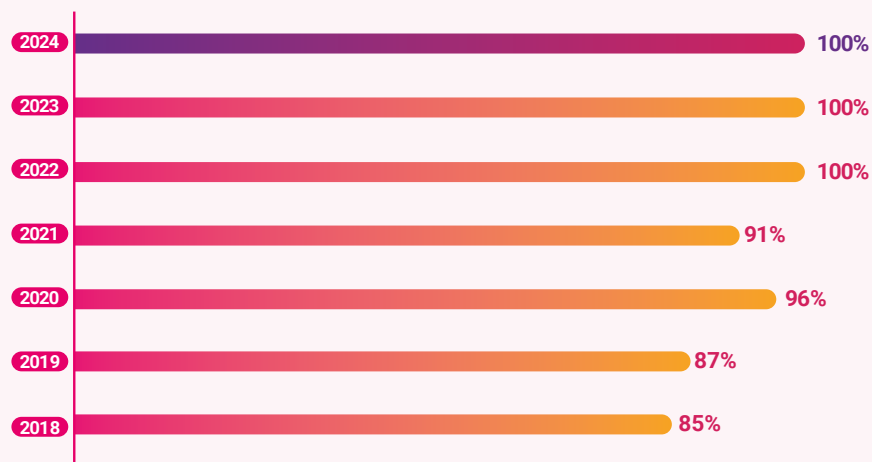
Note: Includes 0.6 MW of solar power capacity.

## 2024 Energy Generated



Note: Includes 0.6 GW of solar energy generated.

## Low Carbon Generation



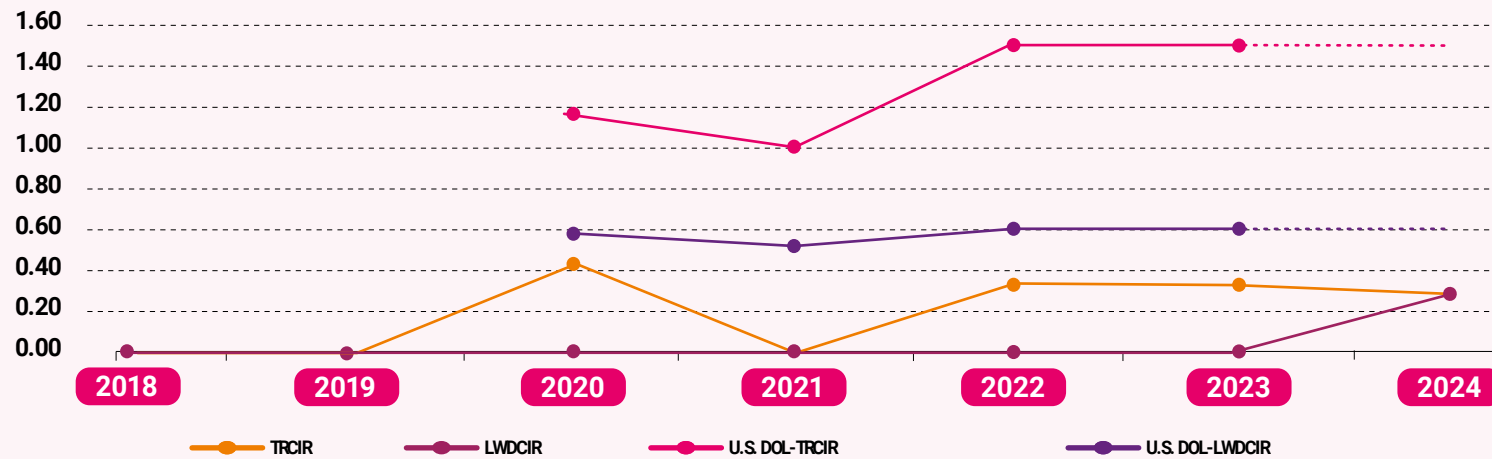
## Electricity Generated (GWh)





## 1. Safety Performance

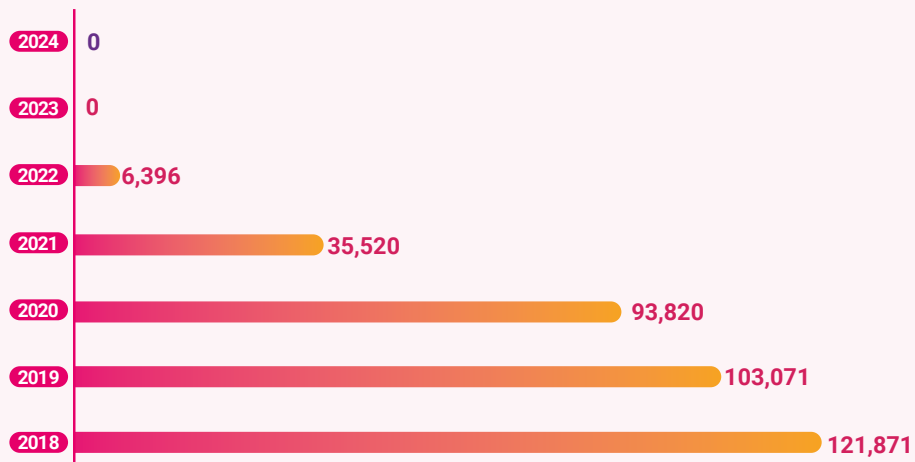
### Generation Safety Performance Employees and Contractors



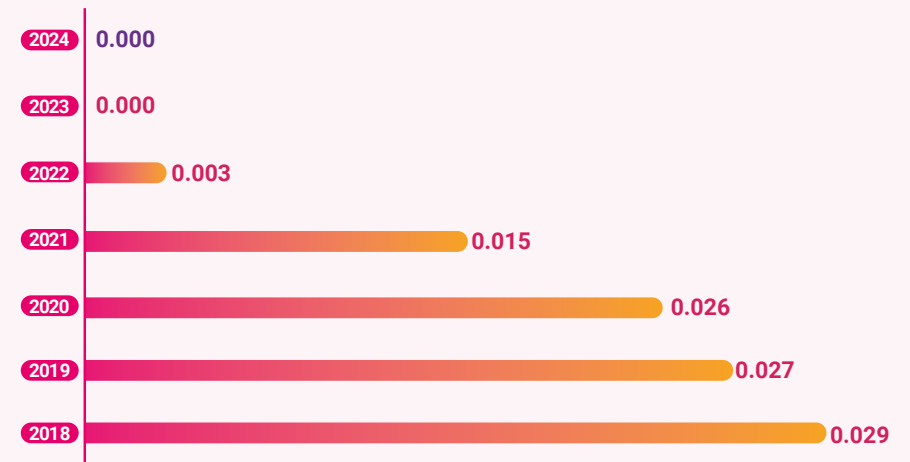
Note: As in previous years, our LWDCIR and TRCIR ratios remained better than U.S. industry incident rate statistics (U.S. Bureau of Labor Statistics, 2020-2023).

## 2. Environmental Stewardship

### Water Consumption (m<sup>3</sup>)

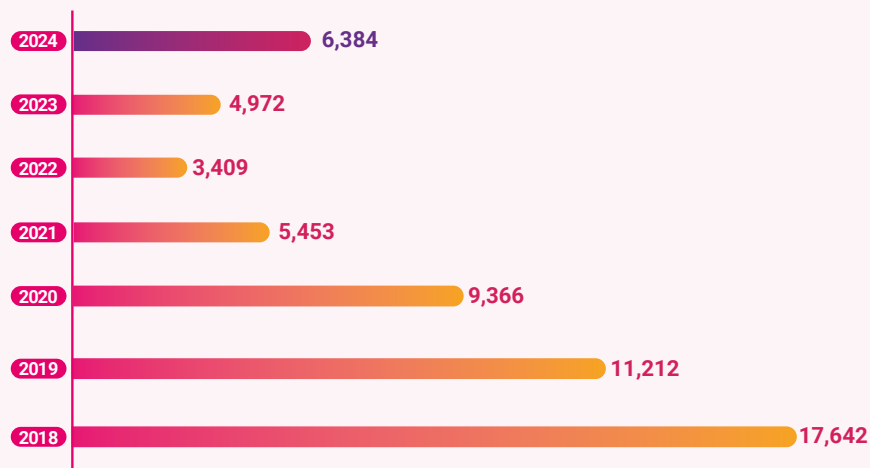


### Water Intensity (m<sup>3</sup>/MWh)



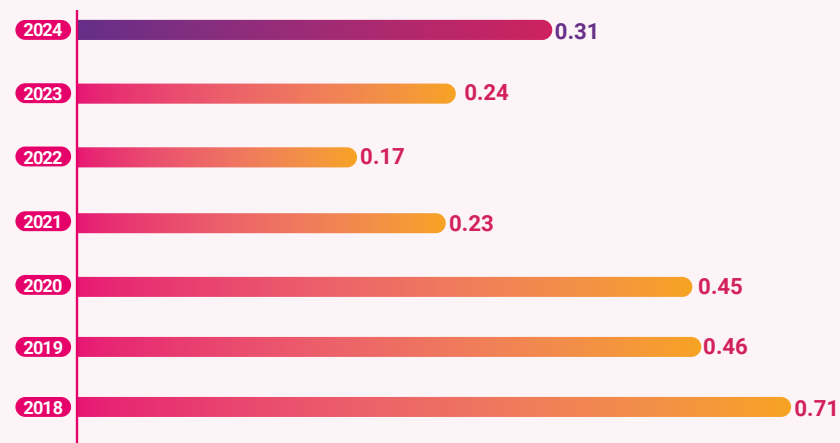


### Internal Energy Consumption (MWh)

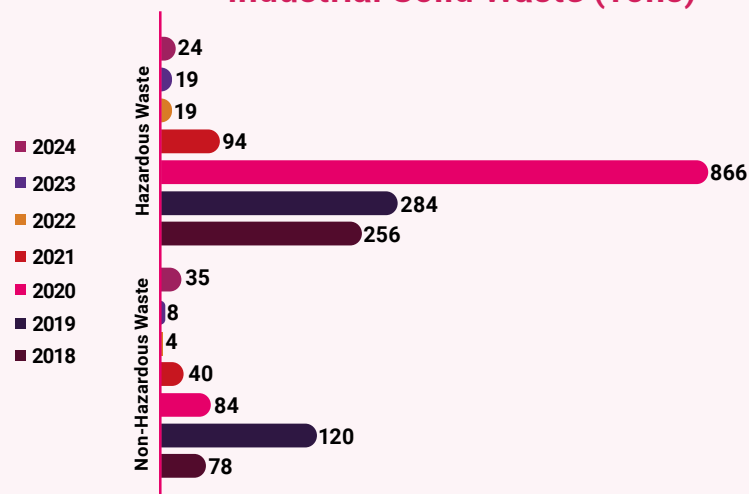


Note: 2024 increase in internal energy use due to higher generation demand.

### Internal Energy Consumption (%)



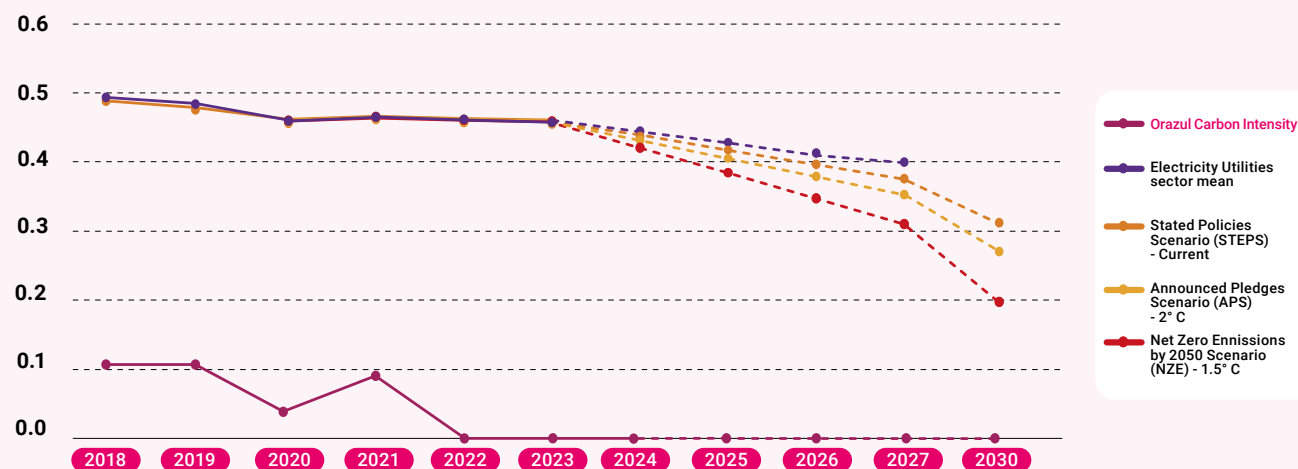
### Industrial Solid Waste (Tons)



Note: 2020 Increase in hazardous waste from cleanup after multiple theft attempts on the natural gas liquids pipeline.

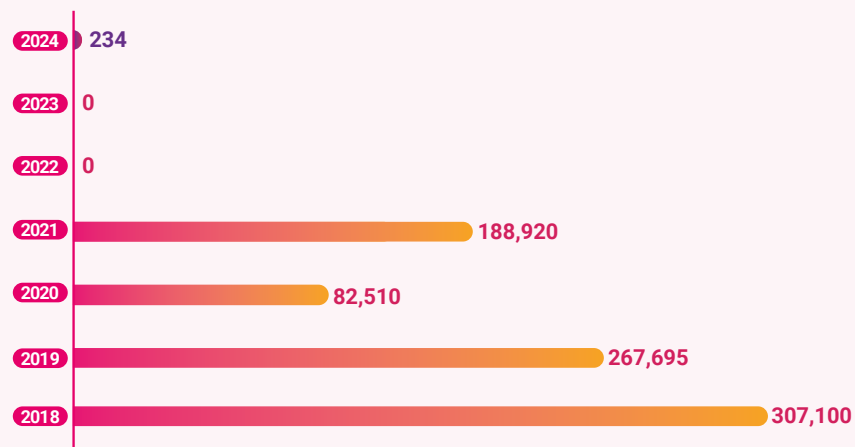


## Carbon Intensity Reduction Pathway (Tons CO<sub>2</sub>e/MWh)



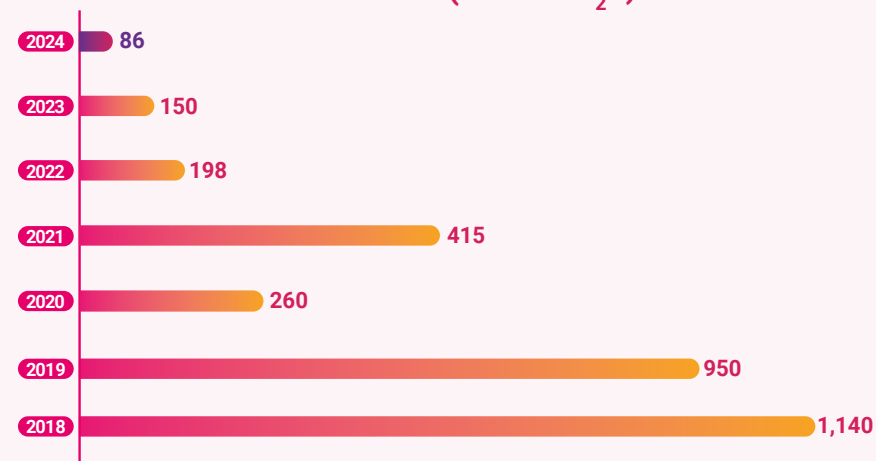
Note: Carbon intensity remains well below Paris-Pledges 2030 targets and the sector mean of 0.445 (IEA, World Energy Outlook).

## Scope 1 CO<sub>2</sub> Emissions (Tons CO<sub>2</sub>e)



Notes: (i) 2024 Includes Scope 1 emissions by vehicle and backup diesel generator.  
(ii) Reduction of CO<sub>2</sub> emissions in 2022 due to separation of Aguatia (Termoselva) and Aguaytia Energy Gas Operations from this portfolio.

## Scope 2 CO<sub>2</sub> Emissions from Purchased Electricity for Own Use (Tons CO<sub>2</sub>e)

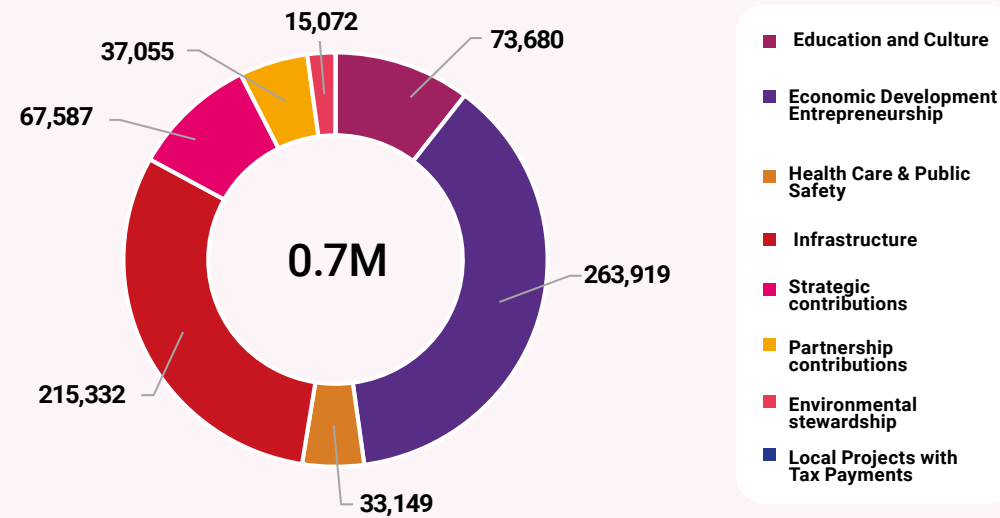


Notes: (i) Scope 2 CO<sub>2</sub> emissions by energy consumption from the grid.  
(ii) Scope 2 Reduction from lower grid consumption at plants and divestment.

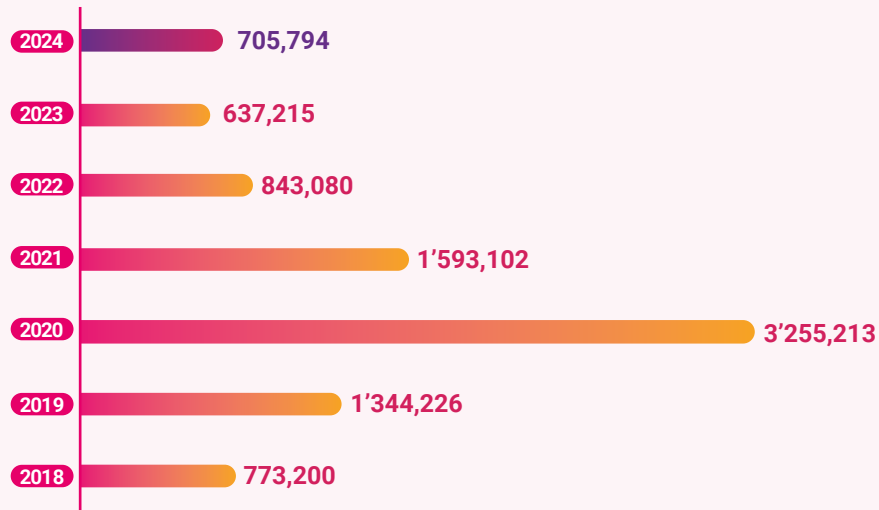


### 3. Social Responsibility and Community Engagement

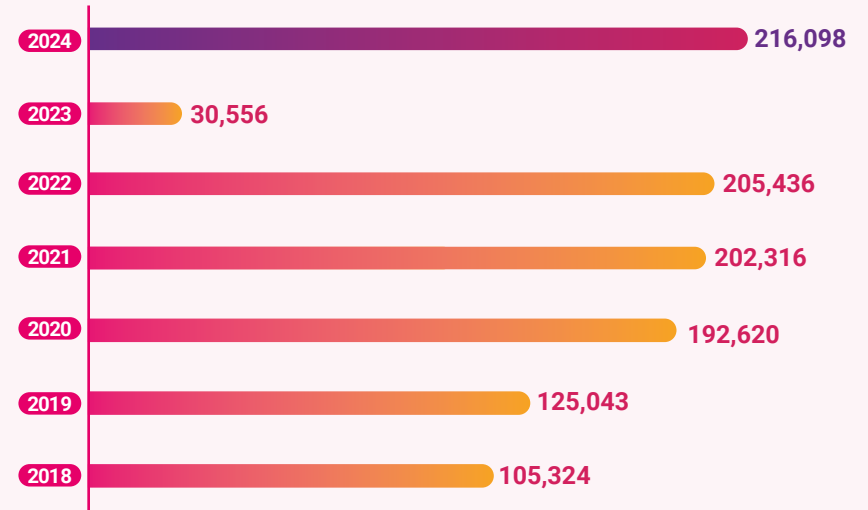
Social and Community Investment by Category (US\$)



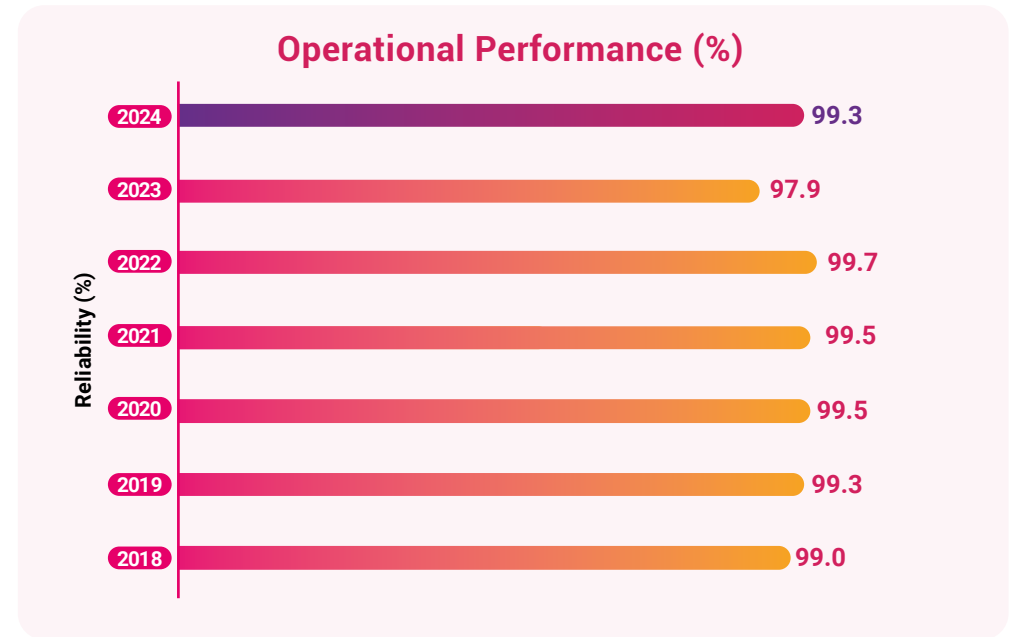
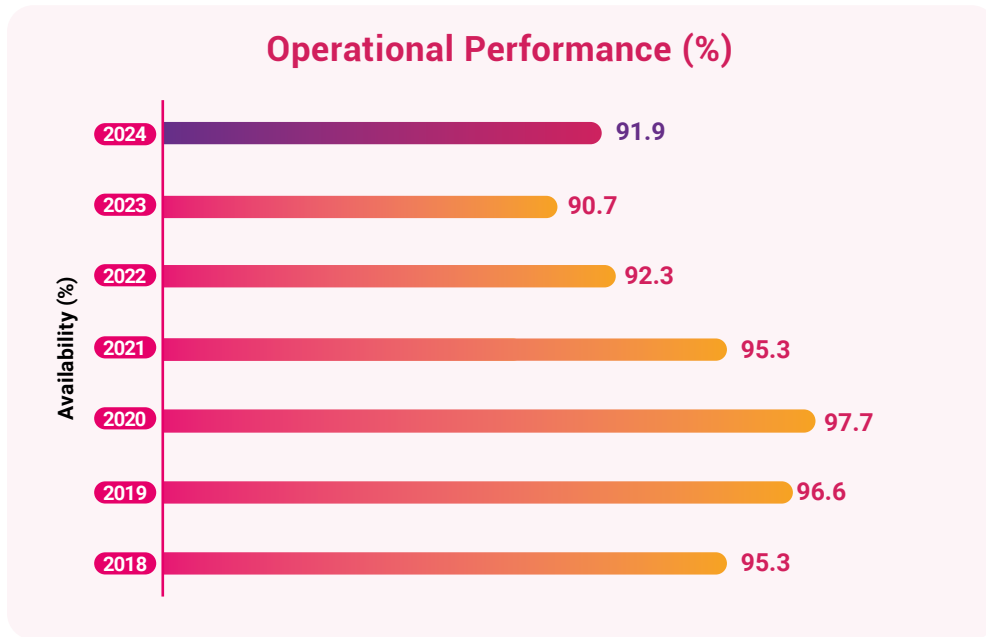
Social and Community Investment (US\$)



Number of Individuals Benefited (#)



## 4. Operational Excellence



## 5. Workforce

See KALLPA Section 5 Workforce as all employee services for ORSAPE are provided by KALLPA.



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