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Regolamentata

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Oggetto : Enel publishes 2023 second quarter and  
first half Group operating data Report

*Testo del comunicato*

Vedi allegato.



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RELEASE**

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**ENEL PUBLISHES 2023 SECOND QUARTER AND FIRST HALF GROUP OPERATING DATA REPORT**

**Rome, July 19<sup>th</sup>, 2023** – Enel S.p.A. ("Enel") published its Quarterly Bulletin ("Report"), with the Group's operating data relating to the second quarter and first half of 2023.

The Report, which is published ahead of the approval by the Enel Board of Directors and the disclosure of the performance and financial data contained in Enel's periodic financial reports, is aimed at further strengthening Enel's transparency towards the financial community, in line with best practices in the most advanced markets.

The Report attached to this press release is available to the public at Enel's registered office, on the Enel website ([www.enel.com](http://www.enel.com)), and - together with this press release - through the authorized storage mechanism "eMarket Storage" ([www.emarketstorage.com](http://www.emarketstorage.com)).

# First Half 2023

*Quarterly Bulletin*



# Quarterly bulletin

Operating data H1 2023

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**2. Grids**



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**4. Disclaimer**

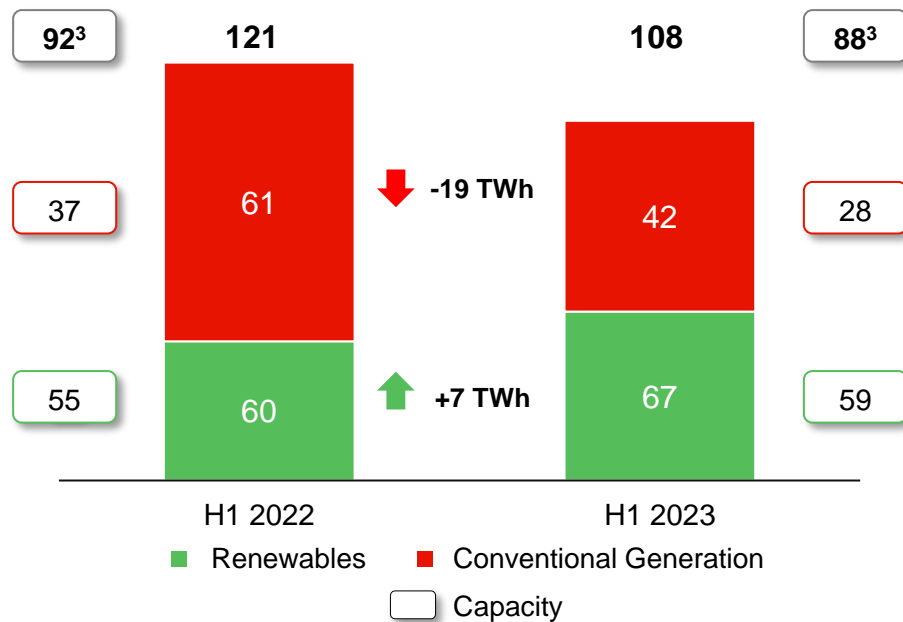




# Enel Green Power & Conventional Generation

Operating data H1 2023<sup>1</sup>

Production evolution (TWh) and installed capacity (GW)



Emission free share of production<sup>2</sup>



1. Rounded figures. Includes capacity and production from renewable managed assets. 2023 figures after the disposal of Enel Russia, Fortaleza (Brazil) and Costanera (Argentina).  
 2. Considers nuclear + renewable (consolidated & managed).  
 3. It includes BESS Capacity (0.6 GW for H1 2022 and 0.8 GW for H1 2023)



# Enel Green Power & Conventional Generation

## Installed capacity & production at Group level<sup>1</sup>

Installed capacity (MW)

Group	H1 2023	% Weight	H1 2022	% Weight	Δ yoy	2023 Add. Cap.
Hydro	28,360	34.5%	28,351	32.0%	0.0%	4
Wind	16,014	19.5%	15,256	17.2%	5.0%	447
Solar & Others	8,945	10.9%	7,034	7.9%	27.2%	430
Geothermal	931	1.1%	915	1.0%	1.8%	-
<b>Total Renewables</b>	<b>54,250</b>	<b>66.0%</b>	<b>51,555</b>	<b>58.2%</b>	<b>5.2%</b>	<b>882</b>
Nuclear	3,328	4.0%	3,328	3.8%	0.0%	-
Coal	6,590	8.0%	6,910	7.8%	-4.6%	-
CCGT	11,983	14.6%	15,039	17.0%	-20.3%	65
Oil & Gas	6,086	7.4%	11,689	13.2%	-47.9%	69
<b>Total Conventional Generation</b>	<b>27,987</b>	<b>34.0%</b>	<b>36,966</b>	<b>41.8%</b>	<b>-24.3%</b>	<b>134</b>
<b>Total consolidated capacity</b>	<b>82,237</b>	<b>100%</b>	<b>88,527</b>	<b>100%</b>	<b>-7.1%</b>	<b>1,016</b>
<b>Managed capacity</b>	<b>4,969</b>		<b>3,322</b>		<b>49.6%</b>	
<b>Bess capacity</b>	<b>769</b>		<b>567</b>		<b>35.6%</b>	
<b>Total installed capacity</b>	<b>87,975</b>		<b>92,416</b>		<b>-4.8%</b>	

Production (GWh)

Group	H1 2023	% Weight	H1 2022	% Weight	Δ yoy	Quarter prod.
Hydro	27,980	27.4%	24,286	21.0%	15.2%	14,451
Wind	22,526	22.1%	22,020	19.1%	2.3%	10,681
Solar & Others	6,980	6.8%	5,358	4.6%	30.3%	3,890
Geothermal	2,974	2.9%	3,076	2.7%	-3.3%	1,487
<b>Total Renewables</b>	<b>60,460</b>	<b>59.3%</b>	<b>54,740</b>	<b>47.4%</b>	<b>10.4%</b>	<b>30,509</b>
Nuclear	12,441	12.2%	13,447	11.6%	-7.5%	5,606
Coal	6,881	6.7%	9,937	8.6%	-30.8%	1,631
CCGT	18,033	17.7%	24,355	21.1%	-26.0%	8,239
Oil & Gas	4,184	4.1%	13,026	11.3%	-67.9%	2,230
<b>Total Conventional Generation</b>	<b>41,540</b>	<b>40.7%</b>	<b>60,765</b>	<b>52.6%</b>	<b>-31.6%</b>	<b>17,705</b>
<b>Total consolidated production</b>	<b>101,999</b>	<b>100%</b>	<b>115,506</b>	<b>100%</b>	<b>-11.7%</b>	<b>48,214</b>
<b>Managed production</b>	<b>6,358</b>		<b>5,586</b>		<b>13.8%</b>	
<b>Total production</b>	<b>108,357</b>		<b>121,092</b>		<b>-10.5%</b>	

1. 2023 figures after the disposal of Enel Russia, Fortaleza (Brazil) and Costanera (Argentina)



# Enel Green Power & Conventional Generation

## Consolidated capacity & production – Italy

Installed capacity (MW)

Italy	H1 2023	% Weight	H1 2022	% Weight	Δ yoy	2023 Add. Cap.
Hydro	12,997	49.4%	12,991	49.7%	0.0%	2
Wind	861	3.3%	794	3.0%	8.5%	-
Solar & Others	54	0.2%	29	0.1%	86.5%	3
Geothermal	776	3.0%	774	3.0%	0.3%	-
<b>Total Renewables</b>	<b>14,688</b>	<b>55.9%</b>	<b>14,587</b>	<b>55.8%</b>	<b>0.7%</b>	<b>5</b>
Coal	4,720	17.9%	4,720	18.0%	0.0%	-
CCGT	4,607	17.5%	4,596	17.6%	0.2%	11
Oil & Gas	2,283	8.7%	2,248	8.6%	1.6%	35
<b>Total Conventional Generation</b>	<b>11,610</b>	<b>44.1%</b>	<b>11,564</b>	<b>44.2%</b>	<b>0.4%</b>	<b>46</b>
<b>Total</b>	<b>26,298</b>	<b>100%</b>	<b>26,151</b>	<b>100%</b>	<b>0.6%</b>	<b>51</b>

Production (GWh)

Italy	H1 2023	% Weight	H1 2022	% Weight	Δ yoy	Quarter prod.
Hydro	7,296	33.8%	5,705	24.7%	27.9%	4,641
Wind	681	3.2%	722	3.1%	-5.7%	274
Solar & Others	45	0.2%	34	0.1%	35.0%	27
Geothermal	2,632	12.2%	2,716	11.8%	-3.1%	1,330
<b>Total Renewables</b>	<b>10,654</b>	<b>49.4%</b>	<b>9,177</b>	<b>39.8%</b>	<b>16.1%</b>	<b>6,272</b>
Coal	6,340	29.4%	8,262	35.8%	-23.3%	1,373
CCGT	4,544	21.1%	5,583	24.2%	-18.6%	1,926
Oil & Gas	26	0.1%	46	0.2%	-43.2%	15
<b>Total Conventional Generation</b>	<b>10,911</b>	<b>50.6%</b>	<b>13,891</b>	<b>60.2%</b>	<b>-21.5%</b>	<b>3,314</b>
<b>Total</b>	<b>21,565</b>	<b>100%</b>	<b>23,067</b>	<b>100%</b>	<b>-6.5%</b>	<b>9,587</b>



# Enel Green Power & Conventional Generation

## Consolidated capacity & production – Iberia

Installed capacity (MW)

Iberia	H1 2023	% Weight	H1 2022	% Weight	Δ yoy	2023 Add. Cap.
Hydro	4,746	21.5%	4,746	22.3%	0.0%	-
Wind	2,882	13.1%	2,602	12.2%	10.8%	-
Solar & Others	1,665	7.6%	1,160	5.5%	43.5%	-
<b>Total Renewables</b>	<b>9,293</b>	<b>42.2%</b>	<b>8,508</b>	<b>40.0%</b>	<b>9.2%</b>	-
Nuclear	3,328	15.1%	3,328	15.7%	0.0%	-
Coal	1,644	7.5%	1,644	7.7%	0.0%	-
CCGT	5,445	24.7%	5,445	25.6%	0.0%	-
Oil & Gas	2,333	10.6%	2,333	11.0%	0.0%	-
<b>Total Conventional Generation</b>	<b>12,751</b>	<b>57.8%</b>	<b>12,751</b>	<b>60.0%</b>	<b>0.0%</b>	-
<b>Total</b>	<b>22,044</b>	<b>100%</b>	<b>21,259</b>	<b>100%</b>	<b>3.7%</b>	-

Production (GWh)

Iberia	H1 2023	% Weight	H1 2022	% Weight	Δ yoy	Quarter prod.
Hydro	2,627	8.9%	2,480	8.0%	5.9%	1,121
Wind	3,307	11.2%	2,832	9.1%	16.8%	1,363
Solar & Others	1,357	4.6%	904	2.9%	50.2%	867
<b>Total Renewables</b>	<b>7,291</b>	<b>24.7%</b>	<b>6,215</b>	<b>20.0%</b>	<b>17.3%</b>	<b>3,351</b>
Nuclear	12,441	42.2%	13,447	43.2%	-7.5%	5,606
Coal	311	1.1%	697	2.2%	-55.4%	100
CCGT	7,343	24.9%	8,698	27.9%	-15.6%	3,728
Oil & Gas	2,104	7.1%	2,082	6.7%	1.0%	1,025
<b>Total Conventional Generation</b>	<b>22,199</b>	<b>75.3%</b>	<b>24,923</b>	<b>80.0%</b>	<b>-10.9%</b>	<b>10,459</b>
<b>Total</b>	<b>29,490</b>	<b>100%</b>	<b>31,140</b>	<b>100.0%</b>	<b>-5.3%</b>	<b>13,810</b>





# Enel Green Power & Conventional Generation

## Consolidated capacity & production – Latin America<sup>1</sup>

Installed capacity (MW)

Latin America	H1 2023	% Weight	H1 2022	% Weight	Δ yoy	2023 Add. Cap.
Hydro	10,545	47.8%	10,542	43.3%	0.0%	3
Wind	3,833	17.4%	3,194	13.1%	20.0%	411
Solar & Others	3,984	18.1%	3,174	13.0%	25.5%	231
Geothermal	83	0.4%	69	0.3%	20.3%	-
<b>Total Renewables</b>	<b>18,447</b>	<b>83.6%</b>	<b>16,979</b>	<b>69.7%</b>	<b>8.6%</b>	<b>644</b>
Coal	226	1.0%	546	2.2%	-58.6%	-
CCGT	1,931	8.7%	4,168	17.1%	-53.7%	54
Oil & Gas	1,470	6.7%	2,661	10.9%	-44.8%	34
<b>Total Conventional Generation</b>	<b>3,626</b>	<b>16.4%</b>	<b>7,375</b>	<b>30.3%</b>	<b>-50.8%</b>	<b>88</b>
<b>Total</b>	<b>22,073</b>	<b>100.0%</b>	<b>24,354</b>	<b>100%</b>	<b>-9.4%</b>	<b>732</b>

Production (GWh)

Latin America	H1 2023	% Weight	H1 2022	% Weight	Δ yoy	Quarter prod.
Hydro	17,973	50.2%	16,011	44.7%	12.3%	8,652
Wind	6,161	17.2%	5,475	15.3%	12.5%	3,442
Solar & Others	3,088	8.6%	2,246	6.3%	37.5%	1,553
Geothermal	176	0.5%	190	0.5%	-7.1%	89
<b>Total Renewables</b>	<b>27,399</b>	<b>76.5%</b>	<b>23,922</b>	<b>66.8%</b>	<b>14.5%</b>	<b>13,736</b>
Coal	230	0.6%	978	2.7%	-76.5%	158
CCGT	6,146	17.2%	7,164	20.0%	-14.2%	2,585
Oil & Gas	2,054	5.7%	3,753	10.5%	-45.3%	1,189
<b>Total Conventional Generation</b>	<b>8,431</b>	<b>23.5%</b>	<b>11,895</b>	<b>33.2%</b>	<b>-29.1%</b>	<b>3,932</b>
<b>Total</b>	<b>35,830</b>	<b>100.0%</b>	<b>35,817</b>	<b>100.0%</b>	<b>0.0%</b>	<b>17,668</b>

1. 2023 figures after the disposal of Fortaleza (Brazil) and Costanera (Argentina).



# Enel Green Power & Conventional Generation

Consolidated capacity & production – Rest of Europe<sup>1</sup>

Installed capacity (MW)

Rest of Europe	H1 2023	% Weight	H1 2022	% Weight	Δ yoy	2023 Add. Cap.
Hydro	19	1.8%	19	0.3%	0.0%	-
Wind	871	80.4%	1,131	17.2%	-23.0%	-
Solar & Others	193	17.8%	130	2.0%	48.5%	63
<b>Total Renewables</b>	<b>1,083</b>	<b>100.0%</b>	<b>1,280</b>	<b>19.5%</b>	<b>-15.4%</b>	<b>63</b>
CCGT	-	-	830	12.7%	-	-
Oil & Gas	-	-	4,447	67.8%	-	-
<b>Total Conventional Generation</b>	<b>-</b>	<b>-</b>	<b>5,276</b>	<b>80.5%</b>	<b>-</b>	<b>-</b>
<b>Total</b>	<b>1,083</b>	<b>100%</b>	<b>6,556</b>	<b>100%</b>	<b>-83.5%</b>	<b>63</b>

Production (GWh)

Rest of Europe	H1 2023	% Weight	H1 2022	% Weight	Δ yoy	Quarter prod.
Hydro	26	2.2%	22	0.2%	17.5%	11
Wind	1,055	90.7%	1,198	10.5%	-11.9%	438
Solar & Others	82	7.1%	90	0.8%	-9.4%	49
<b>Total Renewables</b>	<b>1,163</b>	<b>100.0%</b>	<b>1,310</b>	<b>11.5%</b>	<b>-11.3%</b>	<b>498</b>
CCGT	-	-	2,911	25.6%	-	-
Oil & Gas	-	-	7,145	62.9%	-	-
<b>Total Conventional Generation</b>	<b>-</b>	<b>-</b>	<b>10,056</b>	<b>88.5%</b>	<b>-</b>	<b>-</b>
<b>Total</b>	<b>1,163</b>	<b>100%</b>	<b>11,366</b>	<b>100%</b>	<b>-89.8%</b>	<b>498</b>

1. 2023 figures after the disposal of Enel Russia.



# Enel Green Power & Conventional Generation

## Consolidated capacity & production – Rest of the World

Installed capacity (MW)

North America	H1 2023	% Weight	H1 2022	% Weight	Δ yoy	2023 Add. Cap.
Hydro	53	0.5%	53	0.7%	0.0%	-
Wind	7,196	74.2%	6,262	78.8%	14.9%	36
Solar & Others	2,382	24.6%	1,556	19.6%	53.1%	134
Geothermal	72	0.7%	72	0.9%	0.0%	-
<b>Total</b>	<b>9,702</b>	<b>100%</b>	<b>7,941</b>	<b>100%</b>	<b>22.2%</b>	<b>170</b>

Africa, Asia & Oceania <sup>1</sup>	H1 2023	% Weight	H1 2022	% Weight	Δ yoy	2023 Add. Cap.
Wind	371	35.8%	1,274	56.2%	-70.9%	-
Solar & Others	667	64.2%	992	43.8%	-32.8%	-
<b>Total</b>	<b>1,038</b>	<b>100%</b>	<b>2,266</b>	<b>100%</b>	<b>-54.2%</b>	<b>-</b>

Production (GWh)

North America	H1 2023	% Weight	H1 2022	% Weight	Δ yoy	Quarter prod.
Hydro	59	0.5%	69	0.6%	-14.1%	26
Wind	10,714	83.7%	10,647	85.8%	0.6%	4,823
Solar & Others	1,860	14.5%	1,522	12.3%	22.2%	1,172
Geothermal	165	1.3%	170	1%	-2.6%	68
<b>Total</b>	<b>12,798</b>	<b>100%</b>	<b>12,407</b>	<b>100%</b>	<b>3.2%</b>	<b>6,089</b>

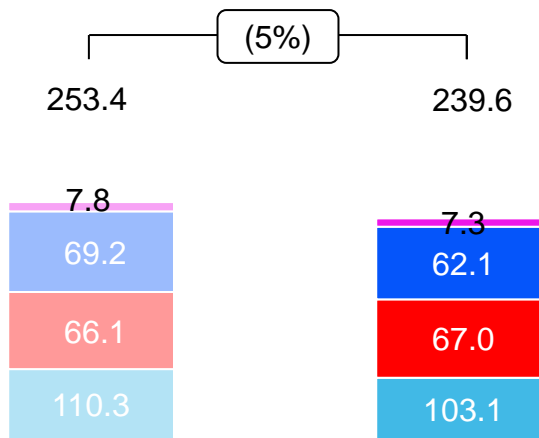
Africa, Asia & Oceania	H1 2023	% Weight	H1 2022	% Weight	Δ yoy	Quarter prod.
Wind	607	52.6%	1,147	67.1%	-47.0%	341
Solar & Others	547	47.4%	563	32.9%	-2.8%	222
<b>Total</b>	<b>1,155</b>	<b>100%</b>	<b>1,710</b>	<b>100%</b>	<b>-32.5%</b>	<b>563</b>

1. In 2023, around 1 GW moved from consolidated to managed capacity

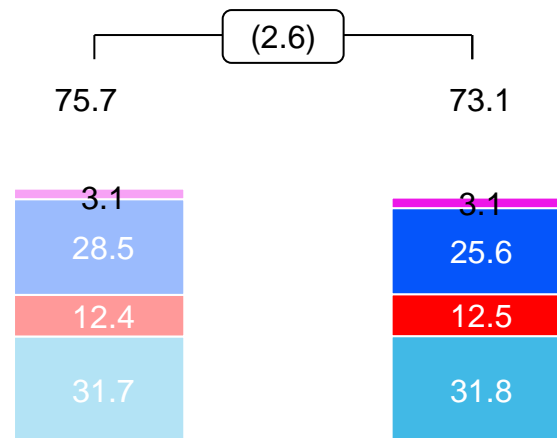
# Grids

## Operating data H1 2023<sup>1</sup>

Electricity distributed (TWh)<sup>2</sup>



End users (mn)<sup>3</sup>

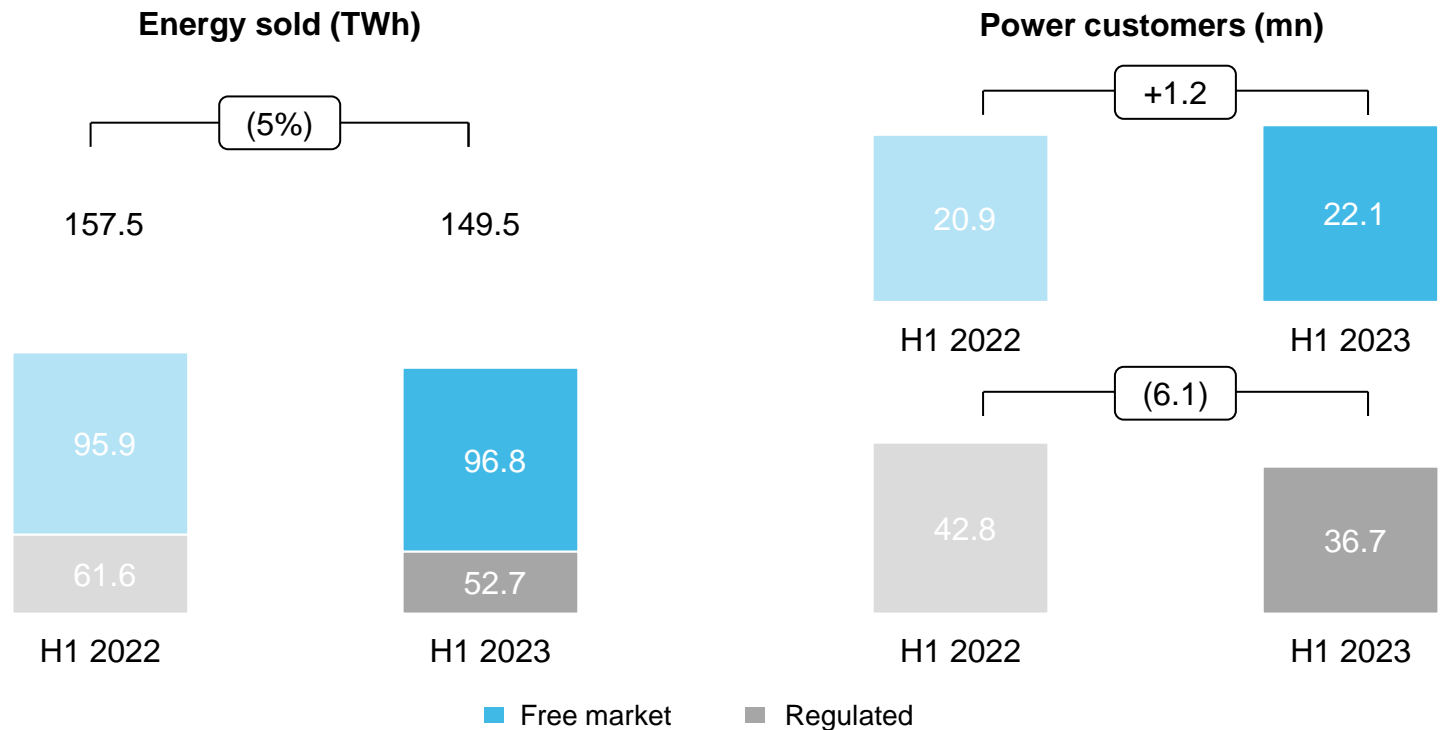


■ Italy     
 ■ Iberia     
 ■ Latin America     
 ■ Rest of Europe

1. 2023 figures after the disposal of Enel Goiás (Brazil) for 3.3 mn  
 2. 2022 restated figures. Latin America breakdown – H1 2023: Argentina 9.2 TWh, Brazil: 33.9 TWh, Chile: 7.1 TWh, Colombia: 7.5 TWh and Peru: 4.3 TWh. H1 2022: Argentina: 8.5 TWh, Brazil: 40.6 TWh, Chile: 8.5 TWh, Colombia: 7.4 TWh and Peru: 4.1 TWh.  
 3. 2022 restated figures. Latin America breakdown – H1 2023: Argentina 2.6 mn, Brazil: 15.5 mn, Chile: 2.1 mn, Colombia: 3.8 mn and Peru: 1.6 mn. H1 2022: Argentina: 2.6 mn, Brazil: 18.6 mn, Chile: 2.1 mn, Colombia: 3.8 mn and Peru: 1.5 mn.

# Retail at Group level

Operating data H1 2023<sup>1</sup>

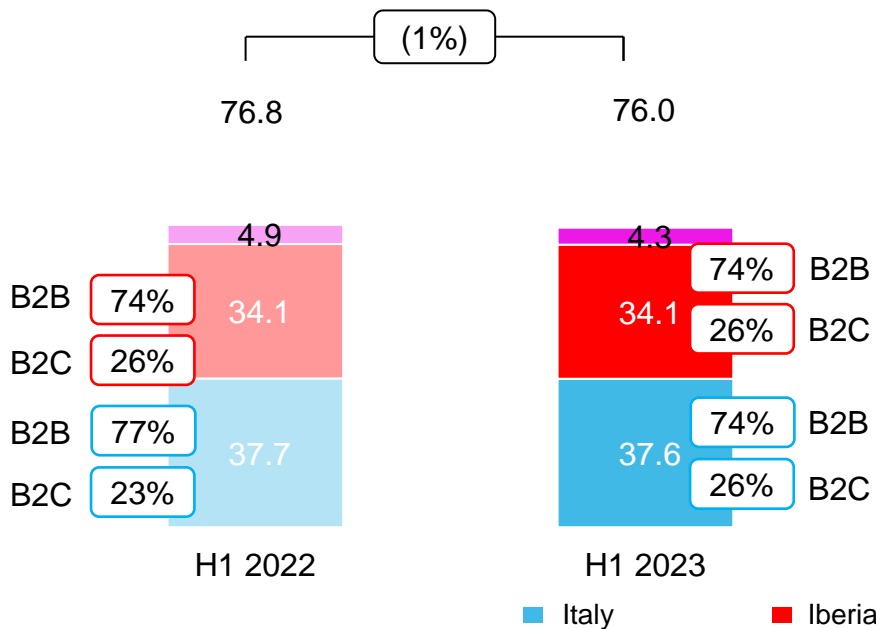


1. 2023 figures after the disposal of Enel Goiás (Brazil)

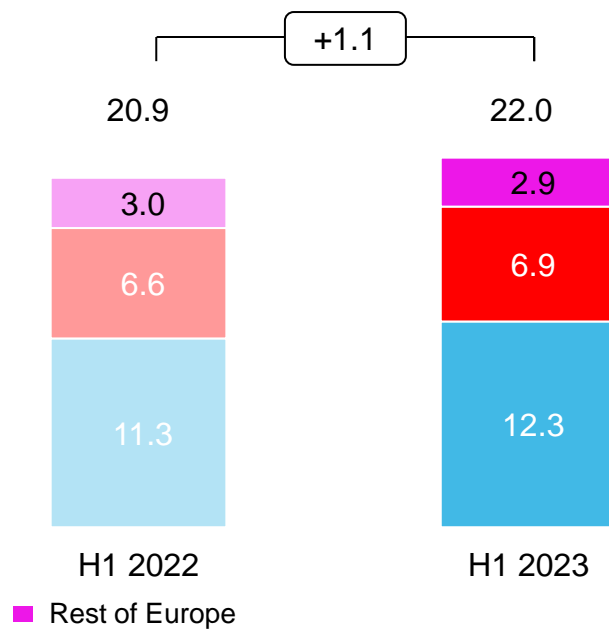
# Retail – Free power markets, Europe

Operating data H1 2023

Energy sold (TWh)



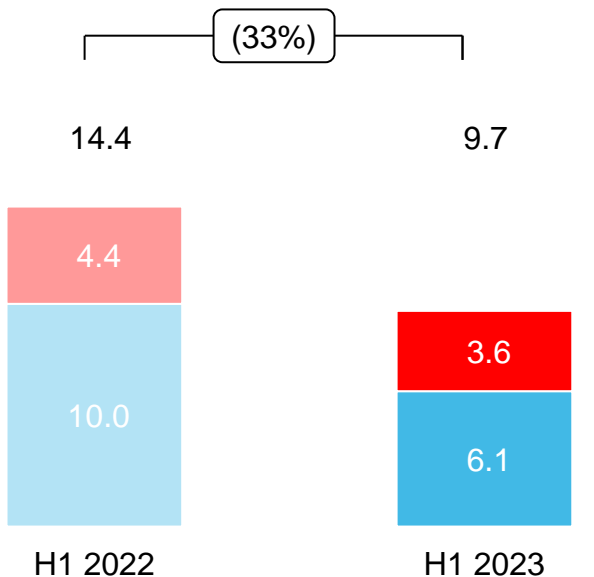
Power customers (mn)



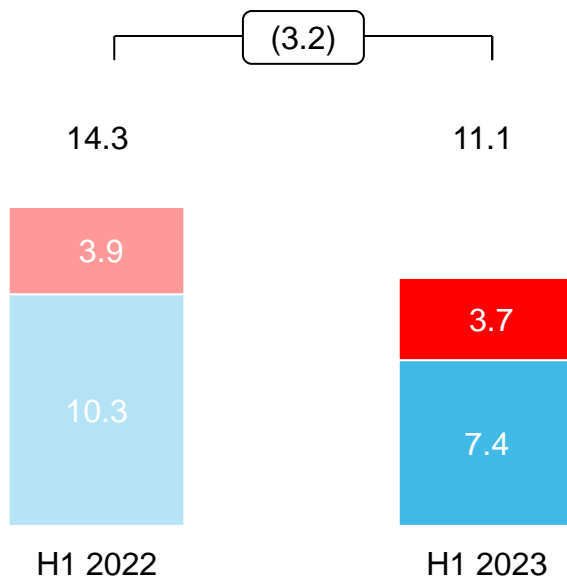
# Retail – Regulated power markets, Europe

Operating data H1 2023

Energy sold (TWh)



Power customers (mn)



■ Italy

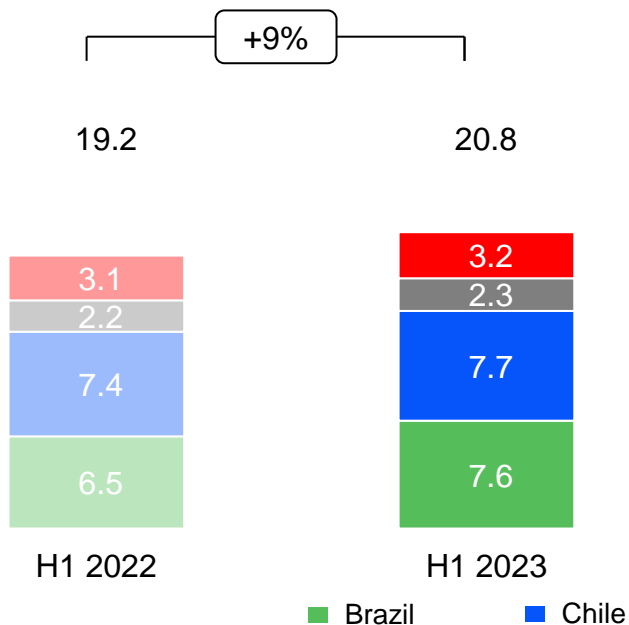
■ Iberia



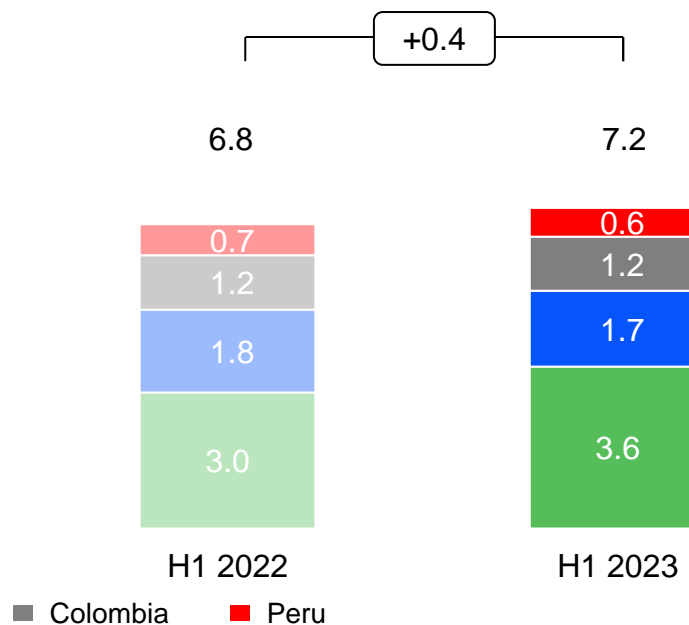
# Retail – Free power markets, Latin America

Operating data H1 2023

Energy sold (TWh)



Power customers (000')

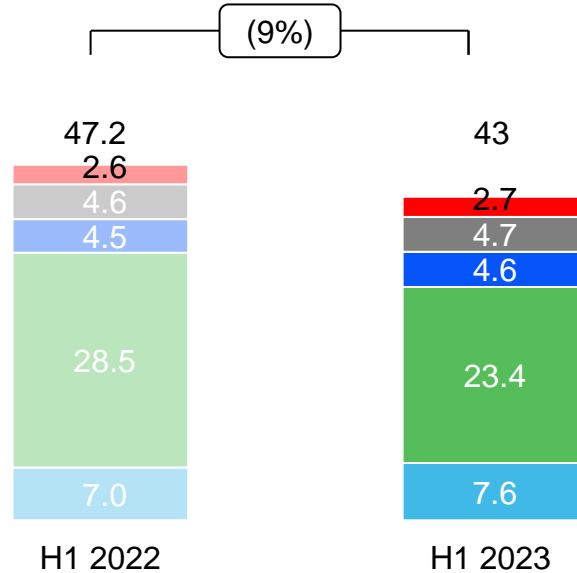




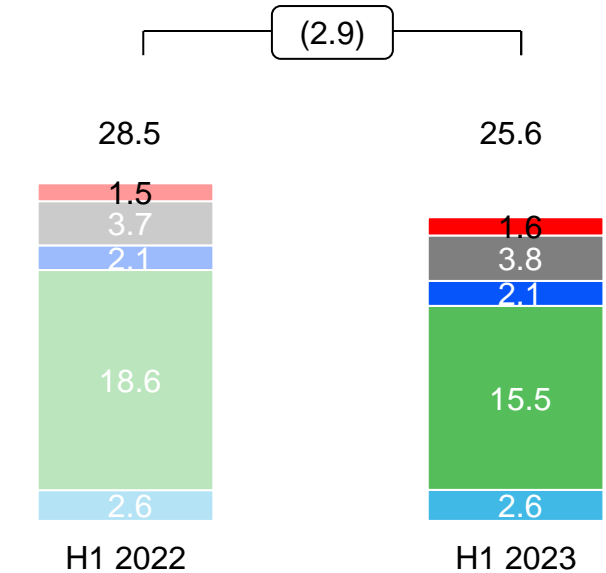
# Retail – Regulated power markets, Latin America

Operating data H1 2023<sup>1</sup>

Energy sold (TWh)



Power customers (mn)



■ Argentina   
 ■ Brazil   
 ■ Chile   
 ■ Colombia   
 ■ Peru

1. 2023 figures after the disposal of Enel Goiás (Brazil) for 3.3 mn



# Retail – Gas market

Operating data H1 2023

Gas sold (bcm)<sup>1</sup>

(19%)



H1 2022

H1 2023

Gas customers (mn)<sup>2</sup>

+0.3



H1 2022

H1 2023

1. H1 2023: Italy: 2.5 bcm, Iberia: 2.2 bcm, Rest of Europe 0.15 bcm, Latin America 0.09 bcm; H1 2022: Italy: 2.9 bcm, Iberia: 2.9 bcm, Rest of Europe 0.17 bcm, Latin America 0.16 bcm.

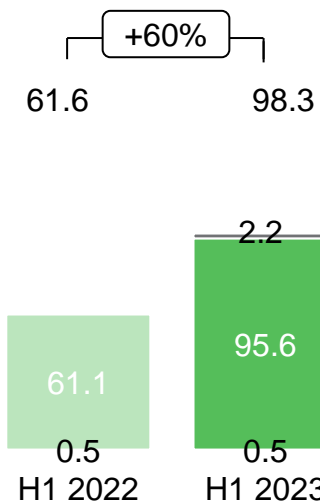
2. H1 2023: Italy: 4.6 mn, Iberia: 1.8 mn, Rest of Europe 0.20 mn; H1 2022: Italy: 4.4 mn, Iberia: 1.8 mn, Rest of Europe 0.16 mn



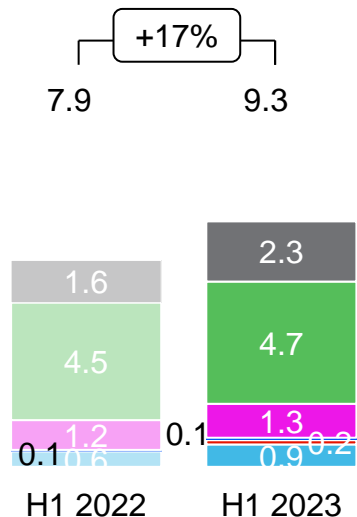
# Enel X and Enel X Way

Operating data H1 2023

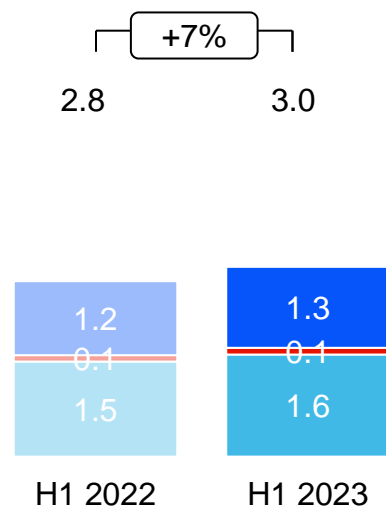
Storage BTM (MW)



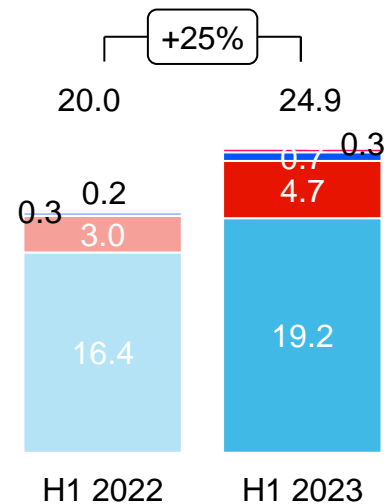
Demand response (GW)



Street lighting (mn)



Public charging points (k)



# Disclaimer



The information contained in this presentation does not purport to be comprehensive and has not been independently verified by any independent third party.

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# Quarterly bulletin H1 2023

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