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Oggetto : Enel publishes 2023 fourth quarter and full year  
Group operating data report

*Testo del comunicato*

Vedi allegato



## PRESS RELEASE

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## ENEL PUBLISHES 2023 FOURTH QUARTER AND FULL YEAR GROUP OPERATING DATA REPORT

**Rome, March 18<sup>th</sup>, 2024** – Enel S.p.A. ("Enel") published its Quarterly Bulletin ("Report"), with the Group's operating data relating to the fourth quarter and full year 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.it](http://www.emarketstorage.it)).

# FY 2023

## *Quarterly Bulletin*



# Quarterly bulletin

Pro-forma KPIs FY 2023



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**1. Enel Green Power & Conventional Generation**



**2. Grids**



**3. Global Retail**

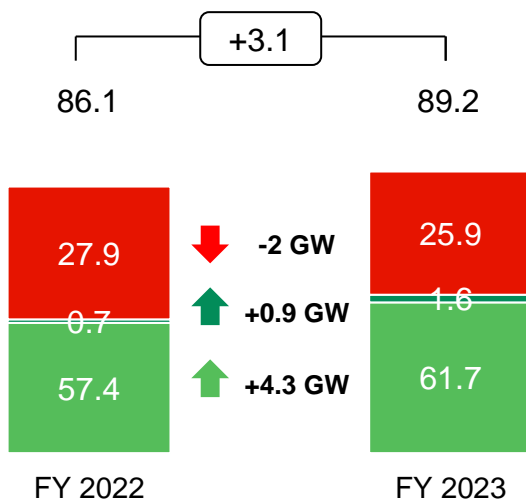




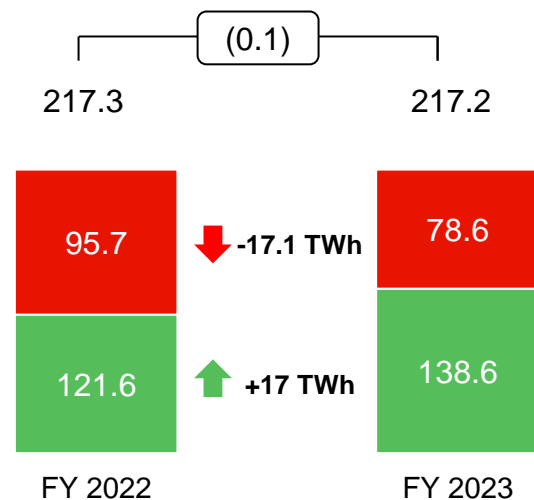
# Enel Green Power & Conventional Generation

Pro-forma operating data FY 2023<sup>1</sup>

Installed capacity (GW)



Production evolution (TWh)



■ Renewables ■ Conventional Generation ■ BESS

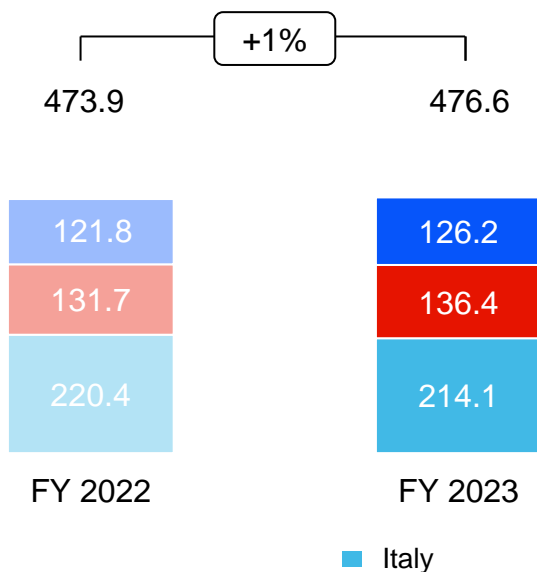
1. Rounded figures. Includes capacity and production from renewable managed assets. Pro-forma numbers are net of the disposals executed in 2022 and 2023 of Enel Russia, Costanera, Dock Sud (Argentina), Solar assets in Chile, and Enel Green Power Romania.



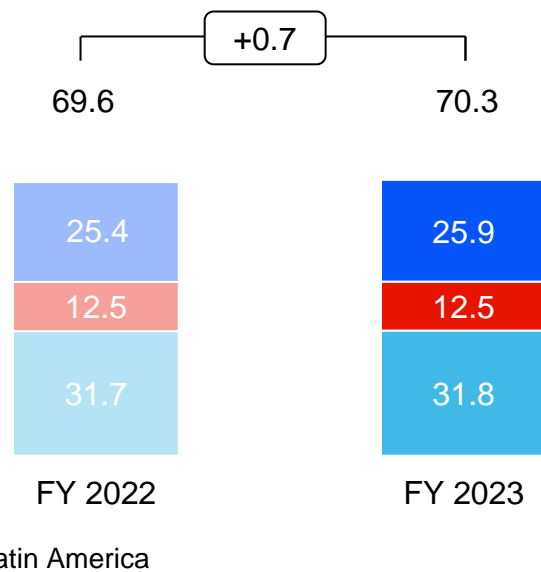
# Grids

## Pro-forma operating data<sup>1</sup> FY 2023

### Electricity distributed (TWh)



### End users (mn)

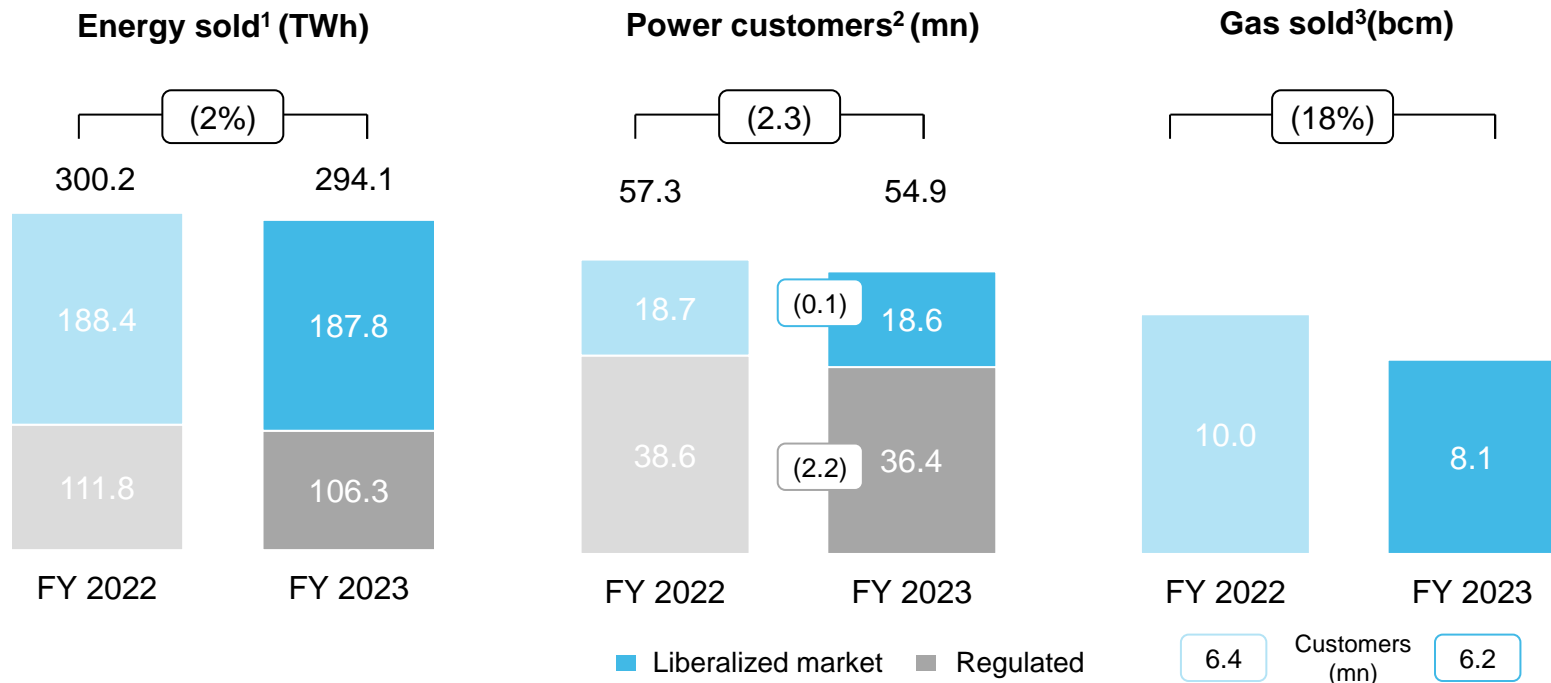


1. Pro-forma numbers are net of disposals executed in 2022 (Enel Goiás for 15 TWh and Chilean Transmission for 3.1 TWh) and 2023 (Enel Romania for 12.6 TWh in 2023 and 15.5 TWh in 2022).



# Global Retail

## Pro-forma operating data FY 2023



1. Pro-forma numbers are net of disposals executed in 2022 (Enel Goiás for 11.1 TWh) and 2023 (Enel Romania for 6.7 TWh in 2023 and 9.8 TWh in 2022).

2. Pro-forma numbers are net of disposals executed (Enel Romania for 2.9 mn in 2022).

3. Pro-forma numbers are net of disposals executed (Enel Romania for 0.2 bcm in 2023 and for 0.3 bcm in 2022; and 0.2 mn customers in 2022)

# Quarterly bulletin

Operating data FY 2023



## Index

**1. Enel Green Power & Conventional Generation**



**2. Grids**



**3. Enel X Global Retail**



**4. Disclaimer**



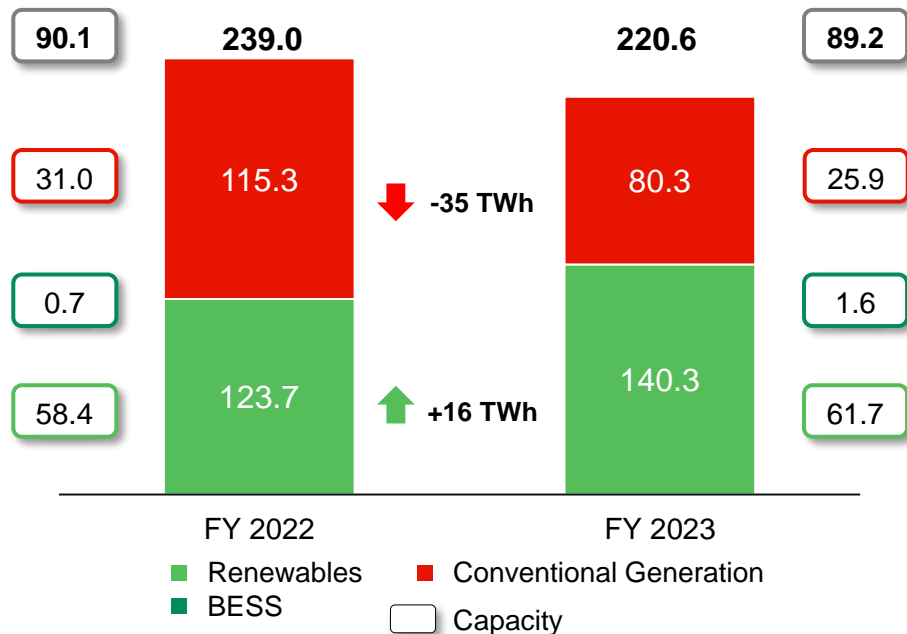




# Enel Green Power & Conventional Generation

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

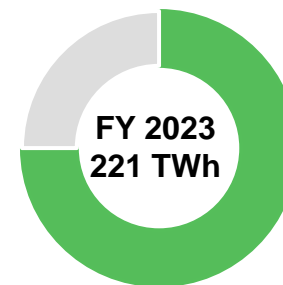
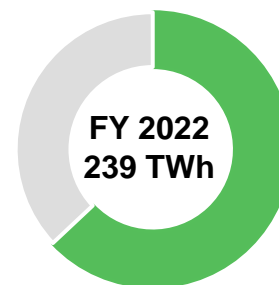
Production evolution (TWh) and installed capacity (GW)



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

63% emission free

75% emission free



1. Rounded figures. Includes capacity and production from renewable managed assets. 2023 figures after the disposal of Enel Russia, Costanera and Dock Sud (Argentina), Solar assets in Chile, and Enel Green Power Romania.

2. Considers nuclear + renewable (consolidated & managed).



# Enel Green Power & Conventional Generation

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

Installed capacity (MW)

Group	FY 2023	% Weight	FY 2022	% Weight	Δ yoy	2023 Add. Cap.
Hydro	28,340	34.8%	28,355	33.5%	0%	3
Wind	15,853	19.5%	15,735	18.6%	0.7%	1,153
Solar & Others	10,413	12.8%	8,540	10.1%	21.9%	2,877
Geothermal	931	1.1%	931	1.1%	0.0%	-
<b>Total Renewables</b>	<b>55,536</b>	<b>68.2%</b>	<b>53,561</b>	<b>63.3%</b>	<b>3.7%</b>	<b>4,032</b>
Nuclear	3,328	4.1%	3,328	3.9%	0%	-
Coal	4,627	5.7%	6,590	7.8%	-30%	-
CCGT	11,983	14.7%	13,894	16.4%	-13.8%	65
Oil & Gas	5,942	7.3%	7,204	8.5%	-17.5%	164
<b>Total Conventional Generation</b>	<b>25,881</b>	<b>31.8%</b>	<b>31,017</b>	<b>36.7%</b>	<b>-16.6%</b>	<b>229</b>
<b>Total consolidated capacity</b>	<b>81,417</b>	<b>100%</b>	<b>84,578</b>	<b>100%</b>	<b>-3.7%</b>	<b>4,261</b>
<b>Managed capacity</b>	<b>6,197</b>		<b>4,860</b>		<b>27.5%</b>	
<b>Bess capacity</b>	<b>1,616</b>		<b>685</b>		<b>135.8%</b>	
<b>Total installed capacity</b>	<b>89,230</b>		<b>90,123</b>		<b>-1.0%</b>	

Production (GWh)

Group	FY 2023	% Weight	FY 2022	% Weight	Δ yoy	Quarter prod.
Hydro	60,991	29.4%	51,728	22.7%	17.9%	15,861
Wind	45,339	21.9%	43,255	19.0%	4.8%	12,374
Solar & Others	14,654	7.1%	11,349	5.0%	29.1%	3,215
Geothermal	6,001	2.9%	6,117	2.7%	-1.9%	1,549
<b>Total Renewables</b>	<b>126,985</b>	<b>61.2%</b>	<b>112,448</b>	<b>49.4%</b>	<b>12.9%</b>	<b>32,998</b>
Nuclear	24,865	12.0%	26,508	11.6%	-6.2%	5,508
Coal	10,755	5.2%	19,722	8.7%	-45.5%	1,210
CCGT	36,705	17.7%	54,436	23.9%	-32.6%	7,792
Oil & Gas	8,021	3.9%	14,652	6.4%	-45.3%	1,561
<b>Total Conventional Generation</b>	<b>80,345</b>	<b>38.8%</b>	<b>115,319</b>	<b>50.6%</b>	<b>-30.3%</b>	<b>16,071</b>
<b>Total consolidated production</b>	<b>207,330</b>	<b>100%</b>	<b>227,767</b>	<b>100%</b>	<b>-9.0%</b>	<b>49,069</b>
<b>Managed production</b>	<b>13,292</b>		<b>11,274</b>		<b>17.9%</b>	
<b>Total production</b>	<b>220,622</b>		<b>239,041</b>		<b>-7.7%</b>	

1. 2023 figures after the disposal of Enel Russia, Costanera and Dock Sud (Argentina), Solar assets in Chile and Enel Green Power Romania.



# Enel Green Power & Conventional Generation

## Consolidated capacity & production – Italy

### Installed capacity (MW)

Italy	FY 2023	% Weight	FY 2022	% Weight	Δ yoy	2023 Add. Cap.
Hydro	12,998	49.9%	12,995	49.5%	0.0%	1
Wind	874	3.4%	861	3.3%	1.5%	13
Solar & Others	237	0.9%	51	0.2%	368.1%	186
Geothermal	776	3.0%	776	3.0%	0.0%	-
<b>Total Renewables</b>	<b>14,885</b>	<b>57.2%</b>	<b>14,683</b>	<b>55.9%</b>	<b>1.4%</b>	<b>200</b>
Coal	4,160	16.0%	4,720	18.0%	-11.9%	-
CCGT	4,607	17.7%	4,596	17.5%	0.2%	11
Oil & Gas	2,378	9.1%	2,253	8.6%	5.5%	130
<b>Total Conventional Generation</b>	<b>11,145</b>	<b>42.8%</b>	<b>11,569</b>	<b>44.1%</b>	<b>-3.7%</b>	<b>141</b>
<b>Total</b>	<b>26,030</b>	<b>100%</b>	<b>26,252</b>	<b>100%</b>	<b>-0.8%</b>	<b>341</b>

### Production (GWh)

Italy	FY 2023	% Weight	FY 2022	% Weight	Δ yoy	Quarter prod.
Hydro	15,270	35.8%	11,584	23.9%	31.8%	3,749
Wind	1,430	3.4%	1,256	2.6%	13.8%	464
Solar & Others	88	0.2%	64	0.1%	38.2%	17
Geothermal	5,310	12.5%	5,407	11.2%	-1.8%	1,357
<b>Total Renewables</b>	<b>22,098</b>	<b>51.9%</b>	<b>18,311</b>	<b>37.8%</b>	<b>20.7%</b>	<b>5,587</b>
Coal	9,368	22.0%	17,260	35.6%	-45.7%	960
CCGT	10,935	25.7%	12,718	26.2%	-14.0%	2,574
Oil & Gas	200	0.5%	171	0.4%	16.8%	105
<b>Total Conventional Generation</b>	<b>20,503</b>	<b>48.1%</b>	<b>30,149</b>	<b>62.2%</b>	<b>-32.0%</b>	<b>3,639</b>
<b>Total</b>	<b>42,601</b>	<b>100%</b>	<b>48,460</b>	<b>100%</b>	<b>-12.1%</b>	<b>9,226</b>



# Enel Green Power & Conventional Generation

## Consolidated capacity & production – Iberia

Installed capacity (MW)

Iberia	FY 2023	% Weight	FY 2022	% Weight	Δ yoy	2023 Add. Cap.
Hydro	4,746	22.3%	4,746	21.5%	0%	-
Wind	2,884	13.6%	2,882	13.1%	0.0%	1
Solar & Others	2,269	10.7%	1,665	7.6%	36.3%	605
<b>Total Renewables</b>	<b>9,899</b>	<b>46.6%</b>	<b>9,293</b>	<b>42.2%</b>	<b>6.5%</b>	<b>607</b>
Nuclear	3,328	15.7%	3,328	15.1%	0.0%	-
Coal	241	1.1%	1,644	7.5%	-85.3%	-
CCGT	5,445	25.6%	5,445	24.7%	0.0%	-
Oil & Gas	2,333	11.0%	2,333	10.6%	0.0%	-
<b>Total Conventional Generation</b>	<b>11,347</b>	<b>53.4%</b>	<b>12,751</b>	<b>57.8%</b>	<b>-11.0%</b>	<b>-</b>
<b>Total</b>	<b>21,247</b>	<b>100%</b>	<b>22,044</b>	<b>100%</b>	<b>-3.6%</b>	<b>607</b>

Production (GWh)

Iberia	FY 2023	% Weight	FY 2022	% Weight	Δ yoy	Quarter prod.
Hydro	5,083	8.4%	4,477	6.9%	13.5%	1,595
Wind	6,392	10.6%	5,709	8.8%	12.0%	2,004
Solar & Others	2,737	4.5%	1,855	2.9%	47.5%	454
<b>Total Renewables</b>	<b>14,212</b>	<b>23.6%</b>	<b>12,041</b>	<b>18.6%</b>	<b>18.0%</b>	<b>4,053</b>
Nuclear	24,865	41.3%	26,508	41.0%	-6.2%	5,508
Coal	742	1.2%	997	1.5%	-25.5%	24
CCGT	15,939	26.4%	20,719	32.0%	-23.1%	3,573
Oil & Gas	4,505	7.5%	4,450	6.9%	1.2%	1,123
<b>Total Conventional Generation</b>	<b>46,052</b>	<b>76.4%</b>	<b>52,674</b>	<b>81.4%</b>	<b>-12.6%</b>	<b>10,228</b>
<b>Total</b>	<b>60,264</b>	<b>100%</b>	<b>64,715</b>	<b>100.0%</b>	<b>-6.9%</b>	<b>14,282</b>



# Enel Green Power & Conventional Generation

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

Installed capacity (MW)

Latin America	FY 2023	% Weight	FY 2022	% Weight	Δ yoy	2023 Add. Cap.
Hydro	10,544	45.7%	10,542	43.0%	0.0%	3
Wind	4,524	19.6%	3,422	14.0%	32.2%	1,102
Solar & Others	4,534	19.6%	3,779	15.4%	20.0%	1,170
Geothermal	83	0.4%	83	0.3%	0.0%	-
<b>Total Renewables</b>	<b>19,684</b>	<b>85.3%</b>	<b>17,827</b>	<b>72.7%</b>	<b>10.4%</b>	<b>2,275</b>
Coal	226	1.0%	226	0.9%	0.0%	-
CCGT	1,931	8.4%	3,853	15.7%	-49.9%	54
Oil & Gas	1,231	5.3%	2,618	10.7%	-53.0%	34
<b>Total Conventional Generation</b>	<b>3,388</b>	<b>14.7%</b>	<b>6,697</b>	<b>27.3%</b>	<b>-49.4%</b>	<b>88</b>
<b>Total</b>	<b>23,073</b>	<b>100.0%</b>	<b>24,524</b>	<b>100%</b>	<b>-5.9%</b>	<b>2,363</b>

Production (GWh)

Latin America	FY 2023	% Weight	FY 2022	% Weight	Δ yoy	Quarter prod.
Hydro	40,505	54.2%	35,443	46.9%	14.3%	10,481
Wind	13,446	18.0%	12,428	16.4%	8.2%	3,394
Solar & Others	6,634	8.9%	4,901	6.5%	35.4%	1,728
Geothermal	375	0.5%	382	0.5%	-2.0%	102
<b>Total Renewables</b>	<b>60,960</b>	<b>81.6%</b>	<b>53,154</b>	<b>70.3%</b>	<b>14.7%</b>	<b>15,706</b>
Coal	645	0.9%	1,466	1.9%	-56.0%	225
CCGT	9,830	13.2%	18,089	23.9%	-45.7%	1,645
Oil & Gas	3,316	4.4%	2,885	3.8%	14.9%	333
<b>Total Conventional Generation</b>	<b>13,790</b>	<b>18.4%</b>	<b>22,440</b>	<b>29.7%</b>	<b>-38.5%</b>	<b>2,203</b>
<b>Total</b>	<b>74,750</b>	<b>100.0%</b>	<b>75,594</b>	<b>100.0%</b>	<b>-1.1%</b>	<b>17,909</b>

1. 2023 figures after the disposal of Costanera and Dock Sud (Argentina) and Solar assets in Chile.



# Enel Green Power & Conventional Generation

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

Installed capacity (MW)

Rest of Europe	FY 2023	% Weight	FY 2022	% Weight	Δ yoy	2023 Add. Cap.
Hydro	-	-	19	1.9%	-	-
Wind	4	100.0%	871	85.4%	-99.6%	-
Solar & Others	-	-	130	12.7%	-	147
<b>Total Renewables</b>	<b>4</b>	<b>100.0%</b>	<b>1,020</b>	<b>100.0%</b>	<b>-99.6%</b>	<b>147</b>
CCGT	-	-	-	-	-	-
Oil & Gas	-	-	-	-	-	-
<b>Total Conventional Generation</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total</b>	<b>4</b>	<b>100%</b>	<b>1,020</b>	<b>100%</b>	<b>-99.6%</b>	<b>147</b>

Production (GWh)

Rest of Europe	FY 2023	% Weight	FY 2022	% Weight	Δ yoy	Quarter prod.
Hydro	34	1.6%	26	0.2%	31.4%	8
Wind	1,909	88.8%	2,254	18.0%	-15.3%	323
Solar & Others	208	9.7%	177	1.4%	17.3%	33
<b>Total Renewables</b>	<b>2,151</b>	<b>100.0%</b>	<b>2,457</b>	<b>19.6%</b>	<b>-12.5%</b>	<b>364</b>
CCGT	-	-	2,911	23.3%	-	-
Oil & Gas	-	-	7,145	57.1%	-	-
<b>Total Conventional Generation</b>	<b>-</b>	<b>-</b>	<b>10,056</b>	<b>80.4%</b>	<b>-</b>	<b>-</b>
<b>Total</b>	<b>2,151</b>	<b>100%</b>	<b>12,513</b>	<b>100%</b>	<b>-82.8%</b>	<b>364</b>

1. 2023 figures after the disposal of Enel Russia, Enel Green Power Romania, Enel Green Power Hellas (Greece, 0.5 GW moved from consolidated to managed capacity)



# Enel Green Power & Conventional Generation

## Consolidated capacity & production – Rest of the World

Installed capacity (MW)

North America	FY 2023	% Weight	FY 2022	% Weight	Δ yoy	2023 Add. Cap.
Hydro	52	0.5%	53	0.6%	-1.0%	-
Wind	7,195	69.6%	7,160	75.1%	0.5%	36
Solar & Others	3,016	29.2%	2,249	23.6%	34.1%	768
Geothermal	72	0.7%	72	0.8%	0.0%	-
<b>Total</b>	<b>10,335</b>	<b>100%</b>	<b>9,532</b>	<b>100%</b>	<b>8.4%</b>	<b>804</b>

Africa, Asia & Oceania <sup>1</sup>	FY 2023	% Weight	FY 2022	% Weight	Δ yoy	2023 Add. Cap.
Wind	371	50.9%	539	44.7%	-31.2%	-
Solar & Others	357	49.1%	667	55.3%	-46.4%	-
<b>Total</b>	<b>729</b>	<b>100%</b>	<b>1,206</b>	<b>100%</b>	<b>-39.6%</b>	<b>-</b>

Production (GWh)

North America	FY 2023	% Weight	FY 2022	% Weight	Δ yoy	Quarter prod.
Hydro	98	0.4%	197	0.8%	-50.2%	27
Wind	21,149	82.6%	19,859	84.9%	6.5%	6,002
Solar & Others	4,047	15.8%	3,001	12.8%	34.8%	817
Geothermal	316	1.2%	327	1%	-3.4%	90
<b>Total</b>	<b>25,611</b>	<b>100%</b>	<b>23,385</b>	<b>100%</b>	<b>9.5%</b>	<b>6,936</b>

Africa, Asia & Oceania	FY 2023	% Weight	FY 2022	% Weight	Δ yoy	Quarter prod.
Wind	1,013	51.8%	1,749	56.4%	-42.1%	187
Solar & Others	941	48.2%	1,350	43.6%	-30.3%	165
<b>Total</b>	<b>1,953</b>	<b>100%</b>	<b>3,099</b>	<b>100%</b>	<b>-37.0%</b>	<b>352</b>

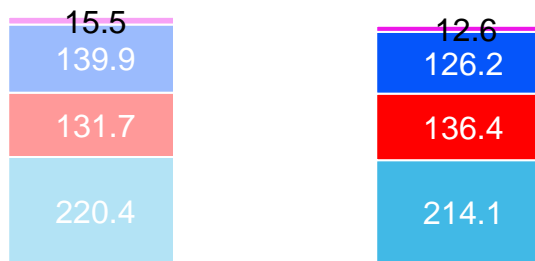
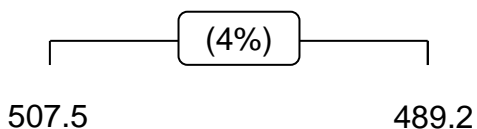
1. 2023: around 1 GW moved from consolidated to managed capacity due to India and Australia transactions



# Grids

## Operating data FY 2023

### Electricity distributed (TWh)<sup>1</sup>



FY 2022

FY 2023

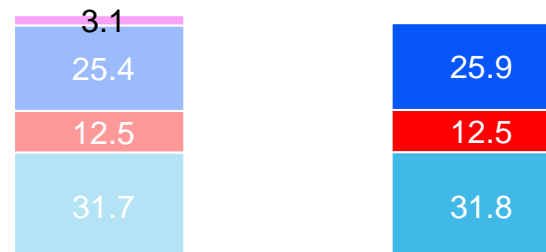
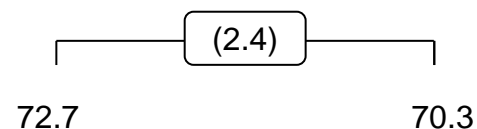
■ Italy

■ Iberia

■ Latin America

■ Rest of Europe

### End users (mn)<sup>2</sup>



FY 2022

FY 2023

1. 2022 restated figures. Latin America breakdown – FY 2023: Argentina 18.1 TWh, Brazil: 70.1 TWh, Chile: 14.2 TWh, Colombia: 15.3 TWh and Peru: 8.5 TWh. FY 2022: Argentina: 17.5 TWh, Brazil: 81.7 TWh, Chile: 17.3 TWh, Colombia: 15.1 TWh and Peru: 8.3 TWh.

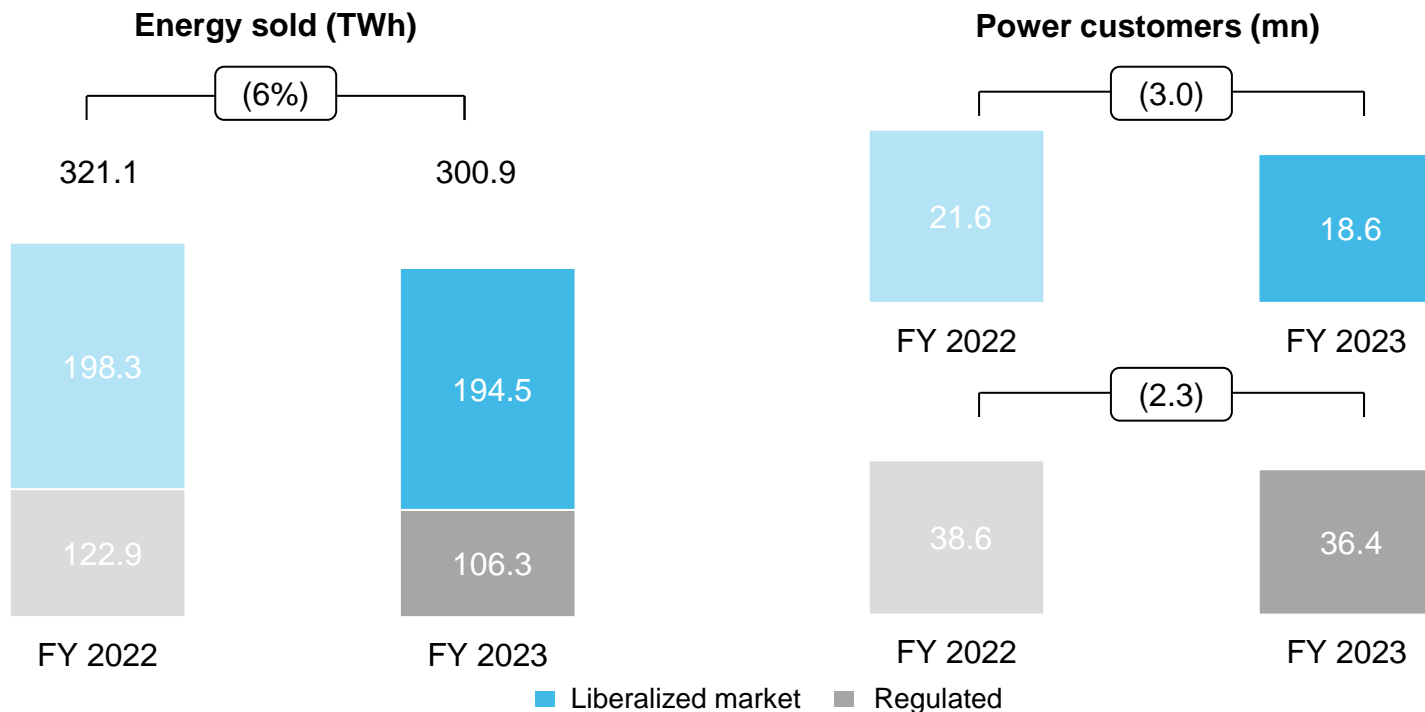
2. Latin America breakdown – FY 2023: Argentina 2.7 mn, Brazil: 15.7 mn, Chile: 2.1 mn, Colombia: 3.9 mn and Peru: 1.6 mn. FY 2022: Argentina: 2.6 mn, Brazil: 15.4 mn, Chile: 2.1 mn, Colombia: 3.8 mn and Peru: 1.5 mn.





# Retail at Group level

Operating data FY 2023

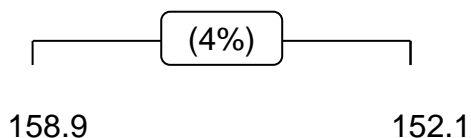




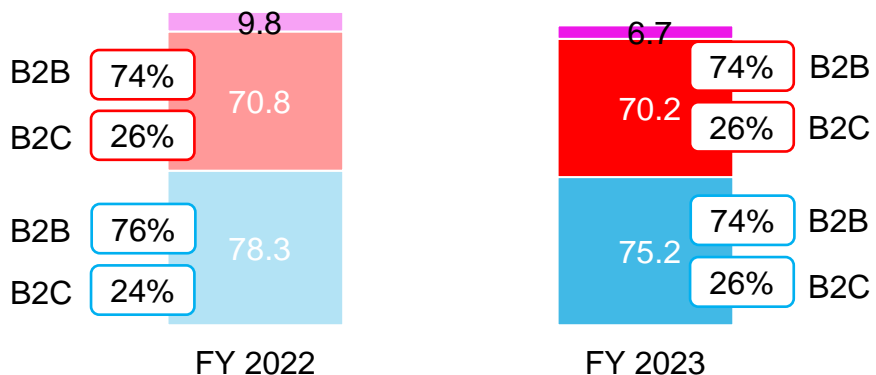
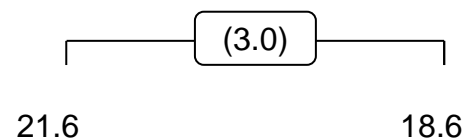
# Retail – Liberalized power markets, Europe

Operating data FY 2023

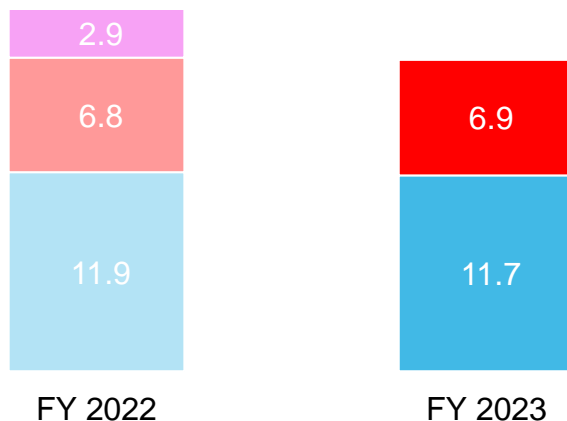
Energy sold (TWh)



Power customers (mn)



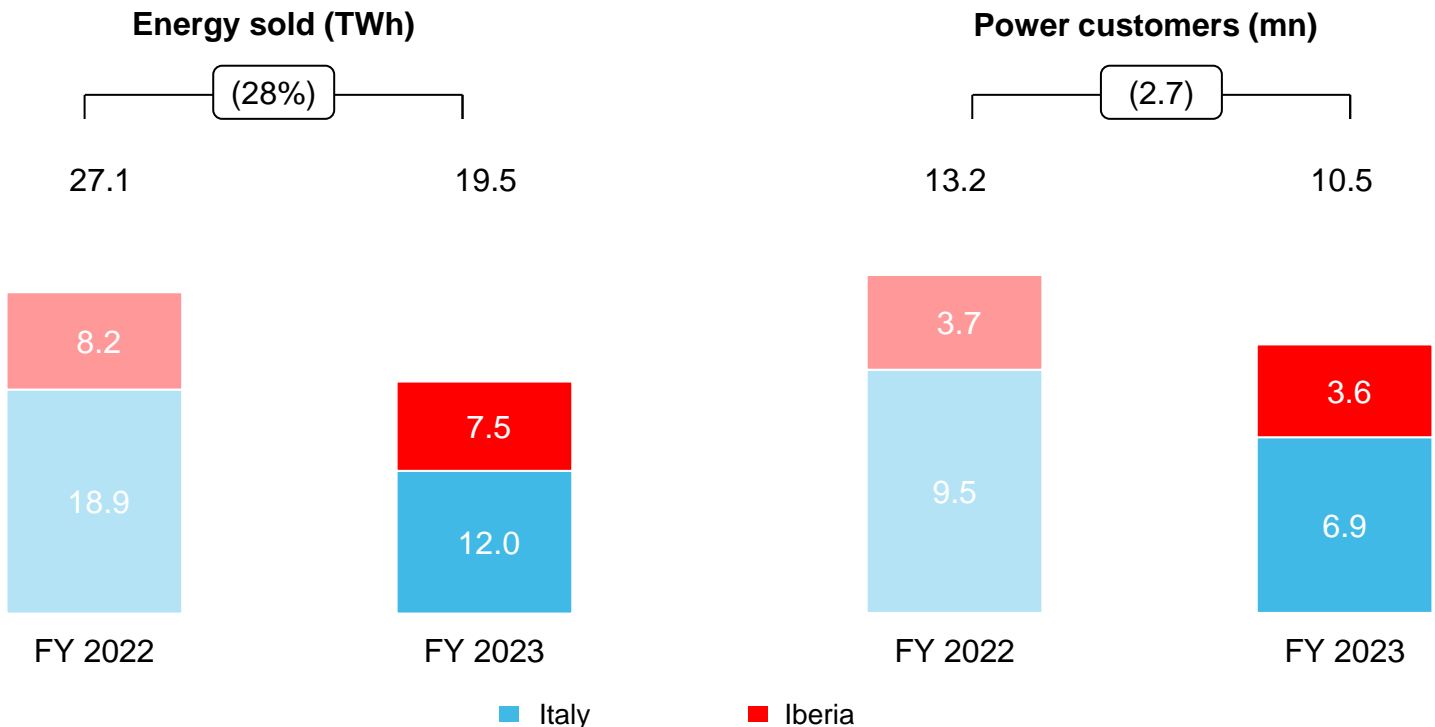
■ Italy      ■ Iberia      ■ Rest of Europe





# Retail – Regulated power markets, Europe

Operating data FY 2023

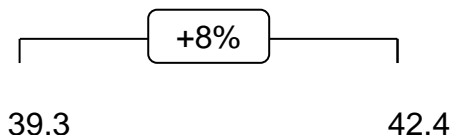




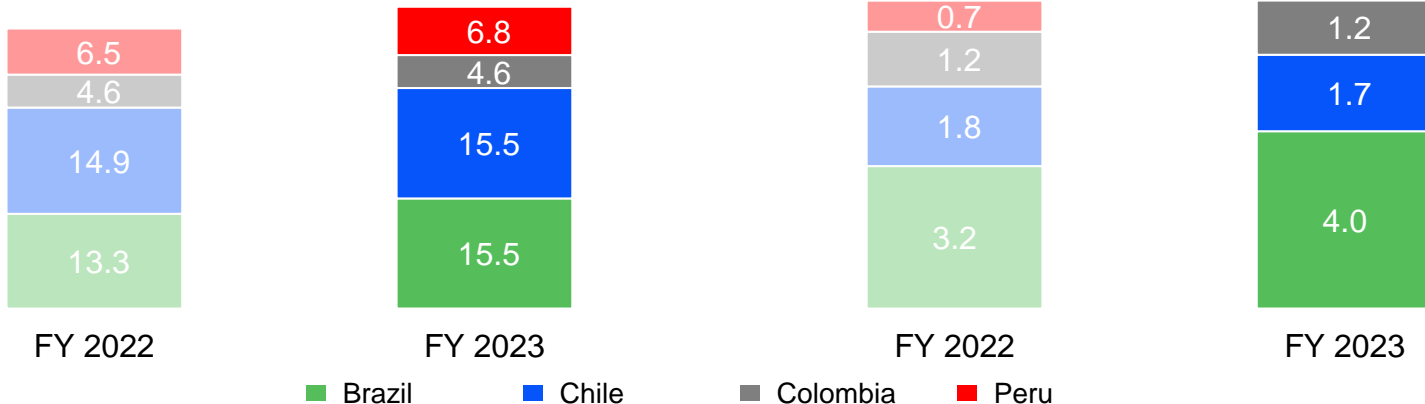
# Retail – Liberalized power markets, Latin America

Operating data FY 2023

Energy sold (TWh)



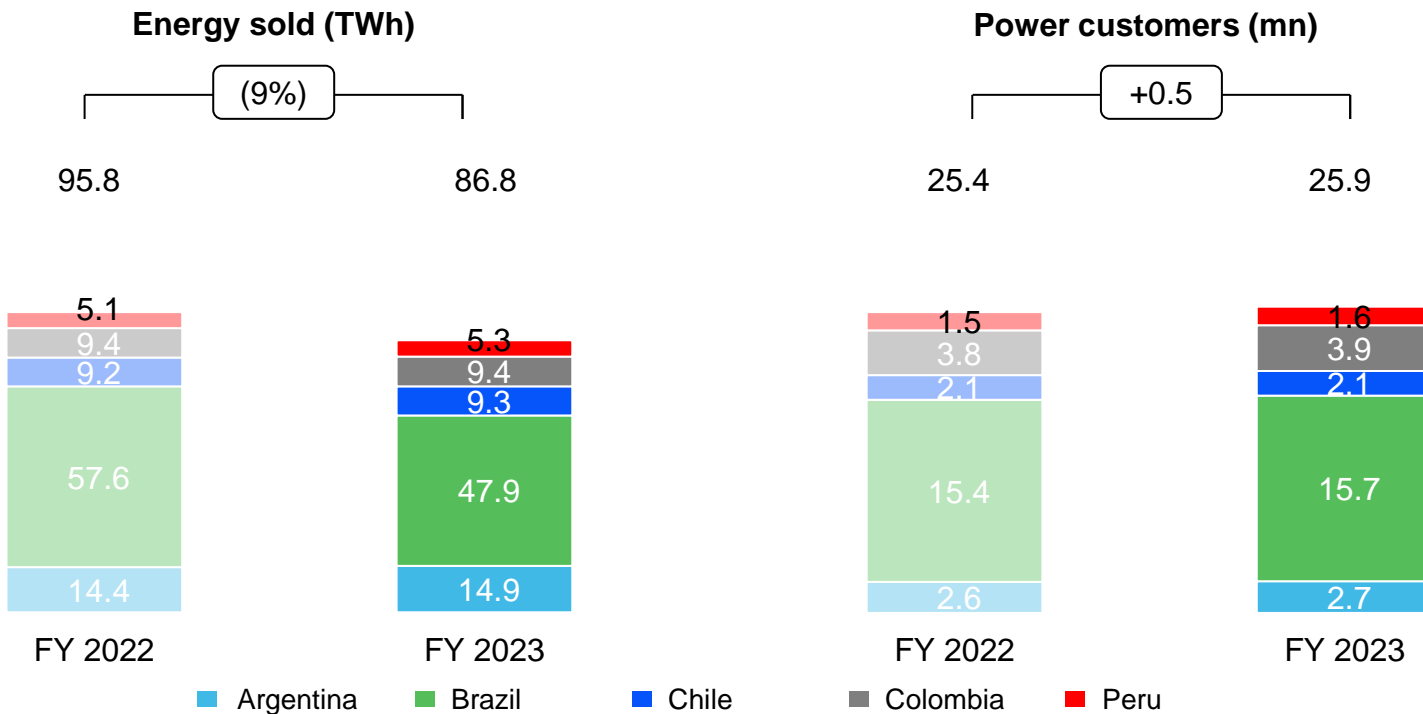
Power customers (000')





# Retail – Regulated power markets, Latin America

Operating data FY 2023

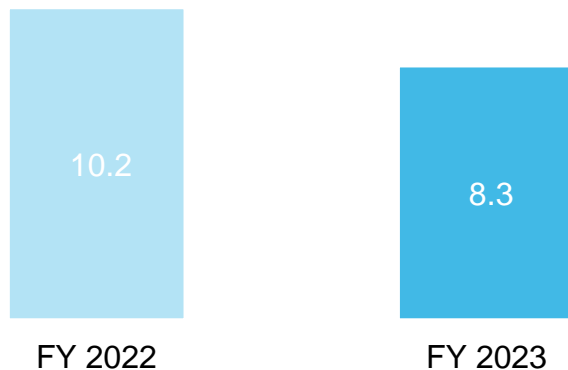
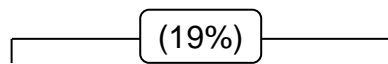




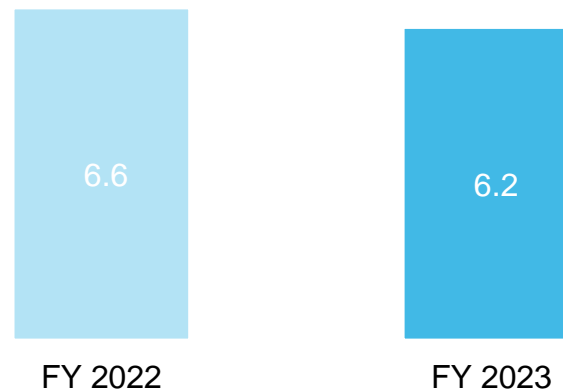
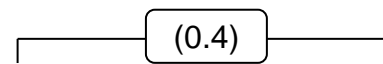
# Retail – Gas market

## Operating data FY 2023

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



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



1. FY 2023: Italy: 4.1 bcm, Iberia: 3.8 bcm, Rest of Europe 0.19 bcm, Latin America 0.19 bcm; FY 2022: Italy: 4.7 bcm, Iberia: 4.9 bcm, Rest of Europe 0.27 bcm, Latin America 0.34 bcm.

2. FY 2023: Italy: 4.3 mn, Iberia: 1.8 mn; FY 2022: Italy: 4.6 mn, Iberia: 1.8 mn, Rest of Europe 0.18 mn



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# Quarterly bulletin FY 2023

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