

Informazione Regolamentata n. 0116-16-2019

Data/Ora Ricezione 05 Marzo 2019 17:48:29

MTA

Societa' : ENEL

Identificativo : 114663

Informazione

Regolamentata

Nome utilizzatore : ENELN04 - Cozzolino

Tipologia : REGEM

Data/Ora Ricezione : 05 Marzo 2019 17:48:29

Data/Ora Inizio : 05 Marzo 2019 17:48:30

Diffusione presunta

Oggetto : Enel publishes 2018 fourth quarter and full

year Group operating data report

Testo del comunicato

Vedi allegato.



PRESS RELEASE **Media Relations** 

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# ENEL PUBLISHES 2018 FOURTH QUARTER AND FULL YEAR GROUP OPERATING DATA REPORT

Rome, March 5<sup>th</sup>, 2019 – 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 2018.

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 (<a href="www.enel.com">www.enel.com</a>), and - together with this press release - through the authorised storage mechanism "eMarket Storage" (<a href="www.emarketstorage.com">www.emarketstorage.com</a>).



# Quarterly Bulletin FY 2018

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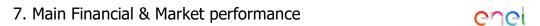




# Index

1. Group Summary	enel
2. Group Net Installed Capacity	<b>(1)</b>
3. Group Net Production	<b>(1)</b>
4. Group Infrastructure & Networks	
5. Group Retail	WWW.





8. Disclaimer enel









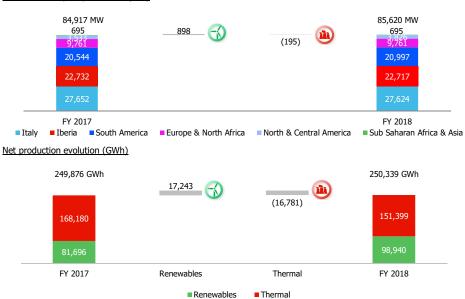




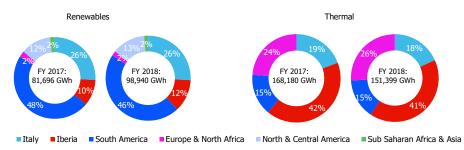
#### 1. Group Summary



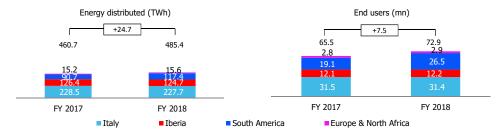
# Net installed capacity evolution (MW)



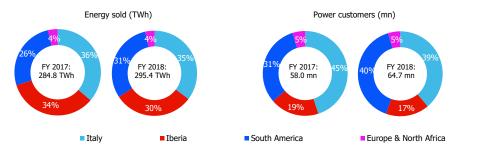
### Net Production - breakdown by country



### **Group Infrastructure & Networks**



#### **Group Retail**















#### 2. Group Net Installed Capacity<sup>1</sup>



					Α	2018 Added
	FY 20		FY 2		∆ yoy	capacity <sup>3</sup>
Group		% Weight		% Weight	∆ yoy	MW
Hydro	27,844	32.5%	27,799	32.7%	0.2%	71
Wind	8,190	9.6%	7,431	8.8%	10.2%	1,415
Solar & Others	2,364	2.8%	2,273	2.7%	4.0%	1,195
Geothermal	804	0.9%	802	0.9%	0.2%	1
Total Renewables 📆	39,203	45.8%	38,305	45.1%	2.3%	2,682
Nuke	3,318	3.9%	3,318	3.9%	0.0%	-
Coal	15,828	18.5%	15,965	18.8%	-0.9%	-
CCGT	17,244	20.1%	17,251	20.3%	0.0%	-
Oil & Gr	10,027	11.7%	10,078	11.9%	-0.5%	-
Total Thermal 👑	46,417	54.2%	46,613	54.9%	-0.4%	
Total Enel Group	85,620	100%	84,917	100%	0.8%	2,682
				0/ 11/ 1 1 1		
Italy		% Weight		% Weight	∆ yoy	MW
Hydro Wind	12,411	44.9%	12,425	44.9%	-0.1%	9.9
Solar & Others	772	2.8%	772	2.8%	0.0%	1
Geothermal	65	0.2%	80 761	0.3%	-18.7%	1
Total Renewables	762	2.8%	761	2.8%	0.2%	12.4
Coal	14,011	50.7%	14,039	50.8%	-0.2%	12.4
CCGT	6,340	23.0%	6,340	22.9% 24.4%	0.0%	-
Oil & Gas	6,758 516	24.5% 1.9%	6,758 516	1.9%	0.0%	-
Total Thermal	13,613	49.3%	13,613	49.2%	0.0%	[
Total	27,624	100%	27,652	100%	-0.1%	11.2
Total	27,024	100%	27,032	100%	-0.1%	11.2
Iberia	MW	% Weight	MW	% Weight	∆ yoy	MW
Hvdro	4,761	21.0%	4,752	20.9%	0.2%	9
Wind	1,750	7.7%	1,618	7.1%	8.1%	132
Solar & Others	14	0.1%	13	0.1%	3.5%	_
Total Renewables	6,525	28.7%	6,384	28.1%	2.2%	141
Nuke	3,318	14.6%	3,318	14.6%	0.0%	
Coal	5,052	22.2%	5,168	22.7%	-2.2%	-
CCGT	5,445	24.0%	5,445	24.0%	0.0%	_
Oil & Gas	2,377	10.5%	2,417	10.6%	-1.7%	-
Total Thermal	16,192	71.3%	16,348	71.9%	-1.0%	-
T. L. I						
Total	22,717	100%	22,732	100%	-0.1%	141
South America	MW	% Weight	MW	% Weight	Δ γογ	MW
<b>South America</b> Hydro	MW 10,031	% Weight 47.8%	<b>MW</b> 9,980	% Weight 48.6%	Δ yoy 0.5%	MW 51
<b>South America</b> Hydro Wind	MW 10,031 1,616	% Weight 47.8% 7.7%	MW 9,980 1,362	% Weight 48.6% 6.6%	Δ yoy 0.5% 18.7%	MW 51 304
South America Hydro Wind Solar & Others	MW 10,031 1,616 1,575	% Weight 47.8% 7.7% 7.5%	MW 9,980 1,362 1,388	% Weight 48.6% 6.6% 6.8%	Δ yoy 0.5% 18.7% 13.5%	MW 51
South America Hydro Wind Solar & Others Geothermal	10,031 1,616 1,575 41	% Weight 47.8% 7.7% 7.5% 0.2%	MW 9,980 1,362 1,388 41	% Weight 48.6% 6.6% 6.8% 0.2%	Δ yoy 0.5% 18.7% 13.5% 0.0%	MW 51 304 187
South America Hydro Wind Solar & Others Geothermal Total Renewables	10,031 1,616 1,575 41 13,263	% Weight 47.8% 7.7% 7.5% 0.2% 63.2%	9,980 1,362 1,388 41 <b>12,771</b>	% Weight 48.6% 6.6% 6.8% 0.2% 62.2%	Δ yoy 0.5% 18.7% 13.5% 0.0% <b>3.9%</b>	MW 51 304
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal	MW 10,031 1,616 1,575 41 13,263 813	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 3.9%	9,980 1,362 1,388 41 <b>12,771</b> 835	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1%	Δ yoy 0.5% 18.7% 13.5% 0.0% <b>3.9%</b> -2.6%	MW 51 304 187
South America Hydro Wind Solar & Others Geothermal Total Renewables Coal CCGT	10,031 1,616 1,575 41 13,263 813 4,233	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2%	9,980 1,362 1,388 41 <b>12,771</b> 835 4,240	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6%	Δ yoy 0.5% 18.7% 13.5% 0.0% <b>3.9%</b> -2.6% -0.2%	MW 51 304 187
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas	10,031 1,616 1,575 41 13,263 813 4,233 2,688	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2% 12.8%	9,980 1,362 1,388 41 <b>12,771</b> 835 4,240 2,699	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.2% -0.4%	MW 51 304 187
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2% 12.8% 36.8%	9,980 1,362 1,388 41 <b>12,771</b> 835 4,240 2,699 <b>7,773</b>	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.2% -0.4% -0.5%	51 304 187 542
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas	10,031 1,616 1,575 41 13,263 813 4,233 2,688	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2% 12.8%	9,980 1,362 1,388 41 <b>12,771</b> 835 4,240 2,699	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.2% -0.4%	MW 51 304 187
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2% 12.8% 36.8%	9,980 1,362 1,388 41 12,771 835 4,240 2,699 7,773 20,544	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.2% -0.4% -0.5%	51 304 187 542
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997	% Weight 47.8% 7.7% 0.2% 63.2% 3.9% 20.2% 12.8% 36.8% 100.0%	9,980 1,362 1,388 41 12,771 835 4,240 2,699 7,773 20,544	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8% 100%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -0.2% -0.4% -0.5% 2.2%	MW 51 304 187 - 542 542
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal Total  Total  Europe & North Africa	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2% 12.8% 36.8% 100.0%	9,980 1,362 1,388 41 12,771 835 4,240 2,699 7,773 20,544	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8% 100% Weight	<b>∆ yoy</b> 0.5% 18.7% 13.5% 0.0% <b>3.9%</b> -2.6% -0.2% -0.4% <b>-0.5% 2.2% △</b> yoy	MW 51 304 187 - 542 542
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2% 12.8% 36.8% 100.0% Weight 0.2%	9,980 1,362 1,388 41 12,771 835 4,240 2,699 7,773 20,544	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8% 100%	∆ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.2% -0.4% -0.5% 2.2% ∆ yoy 0.0%	MW 51 304 187 - 542 542
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal Total  Europe & North Africa Hydro Wind	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997	47.8% 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2% 12.8% 36.8% 100.0% Weight 0.2% 7.6%	9,980 1,362 1,388 41 12,771 835 4,240 2,699 7,773 20,544 MW	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8% 100%  Weight 0.2% 7.6%	∆ yoy 0.5% 18.7% 13.5% 0.0% -2.6% -0.2% -0.4% -0.5% 2.2% ∆ yoy 0.0% 0.0%	MW 51 304 187 - 542 542
South America Hydro Wind Solar & Others Geothermal Total Renewables Coal CCGT Oil & Gas Total Thermal Total  Europe & North Africa Hydro Wind Solar & Others	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997 MW 19 741 123	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2% 12.8% 36.8% 100.0%  Weight 0.2% 7.6% 1.3%	9,980 1,362 1,388 41 <b>12,771</b> 835 4,240 2,699 <b>7,773</b> <b>20,544</b> <b>MW</b>	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8% 100%  Weight 0.2% 7.6% 1.3%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.2% -0.4% -0.5% 2.2% Δ yoy 0.0% 0.0% 0.0%	MW 51 304 187 - 542 542
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997 MW 19 741 123 883	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 42.2% 12.8% 36.8% 100.0% 63.9% 9.2% 12.8% 9.0%	9,880 1,362 1,388 41 12,771 8355 4,240 2,699 7,773 20,544 MW 19 741 123 883	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8% 100%  % Weight 0.2% 7.6% 1.3% 9.0%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.2% -0.4% 2.2% Δ yoy 0.0% 0.0% 0.0% 0.0%	MW 51 304 187 - 542 542
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997 MW 19 741 123 883 3,623	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 63.2% 12.8% 36.8% 100.0% % Weight 0.2% 7.6% 1.3% 9.0% 37.1%	MW 9,880 1,362 1,388 41 12,771 835 4,240 2,699 7,773 20,544  MW 19 741 123 883 3,623	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8% 100%  % Weight 0.2% 7.6% 1.3% 9.0% 37.1%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.2% -0.4% -0.5% 2.2%  Δ yoy 0.0% 0.0% 0.0% 0.0%	MW 51 304 187 - 542 542
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Coal CCGT	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997 MW 19 741 123 883 3,623 809	7.6% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2% 12.8% 36.8% 100.0% 7.6% 1.3% 9.0% 8.3%	MW 9,880 1,362 1,388 41 12,771 835 4,240 2,699 7,773 20,544 MW 19 741 123 883 3,623 809	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8% 100%  % Weight 0.2% 7.6% 1.3% 9.0% 37.1% 8.3%	A yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.4% -0.5% 2.2%  A yoy 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	MW 511 304 187 - 542 542
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997 MW 19 741 123 883 3,623 809 4,447	47.8% 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2% 12.8% 36.8% 100.0%  Weight 0.2% 7.6% 1.3% 9.0% 37.1% 8.3% 45.6%	9,980 1,362 1,388 41 12,771 835 4,240 2,699 7,773 20,544 MW 19 741 123 883 3,623 809 4,447	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8% 100%  % Weight 0.2% 7.6% 1.3% 9.0% 37.1% 8.3% 45.6%	<b>∆ yoy</b> 0.5% 18.7% 13.5% 0.0% <b>3.9%</b> -2.6% -0.4% -0.5% <b>2.2% ∆ yoy</b> 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	MW 511 304 187 - 542 542
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas  Total Thermal Total  Total Fanewables Total Renewables Coal CCGT Oil & Gas  Total Thermal Total	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997 MW 19 741 123 883 3,623 809 4,447 8,878 9,761	7.6% 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2% 12.8% 36.8% 100.0% 7.6% 1.3% 9.0% 37.1% 8.3% 45.6% 91.0%	MW 9,880 1,362 1,388 41 12,771 835 4,240 2,699 7,773 20,544  MW 19 741 123 883 3,623 809 4,447 8,878	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8% 100%  % Weight 0.2% 7.6% 1.3% 9.0% 37.1% 8.3% 45.6% 91.0%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.2% -0.4% -0.5% 2.2%  Δ yoy 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	MW 511 304 187 542
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas  Total Total  North & Central America	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997 MW 19 741 123 883 3,623 809 4,447 8,878 9,761	7.6% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2% 12.8% 36.8% 100.0% 7.6% 1.3% 9.0% 37.1% 8.3% 45.6% 91.0%	MW 9,980 1,362 1,388 41 12,771 835 4,240 2,699 7,773 20,544  MW 19 741 123 883 3,623 809 4,447 8,878 9,761	% Weight  48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8% 100%  % Weight 0.2% 7.6% 1.3% 9.0% 37.1% 8.3% 45.6% 91.0%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.4% -0.5% 2.2%  Δ yoy 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	MW 51 304 187 - 542 542
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas  Total Thermal Total  North & Central America Hydro	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997 MW 19 741 123 883 3,623 809 4,447 8,878 9,761 MW 623	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2% 12.8% 36.8% 100.0%  % Weight 0.2% 7.6% 8.3% 9.0% 37.1% 8.3% 45.6% 91.0% 100%	MW 9,980 1,362 1,388 41 12,771 8355 4,240 2,699 7,773 20,544  MW 19 741 123 883 3,623 809 4,447 8,878 9,761	% Weight 48.6% 6.6% 6.8% 0.2% 4.1% 20.6% 13.1% 37.8% 100%  % Weight 0.2% 7.6% 1.3% 9.0% 37.1% 8.3% 45.6% 91.0% 100%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.2% -0.4% -0.5% 2.2%  Δ yoy 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	MW 511 304 187 - 542
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  North & Central America Hydro Wind Wind  Morth & Central America Hydro Wind Wind  Solar & Others	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997 MW 19 741 123 883 3,623 809 4,447 8,878 9,761	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2% 12.8% 36.8% 100.0%  % Weight 0.2% 7.6% 7.6% 7.6% 9.0% 37.1% 8.3% 9.0% 45.6% 91.0% 100%	MW 9,880 1,362 1,388 41 12,771 8355 4,240 2,699 7,773 20,544  MW 19 741 1233 883 3,623 809 4,447 8,878 9,761	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8% 100%  % Weight 0.2% 6.3% 9.0% 37.1% 8.3% 9.0% 100%  % Weight 17.6% 72.6%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.2% -0.4% -0.5% 2.2%  Δ yoy 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	MW 511 304 187 - 542
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  North & Central America Hydro Wind Solar & Others	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997 MW 19 741 123 883 3,623 809 4,447 8,878 9,761 MW 623 2,940 264	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 63.2% 12.8% 36.8% 100.0% % Weight 0.2% 7.6% 1.3% 9.0% 37.1% 8.3% 45.6% 91.0% 100%  Weight 6.3% 6.8% 6.9%	MW 9,880 1,362 1,388 41 12,771 835 4,240 2,699 7,773 20,544  MW 19 741 123 883 3,623 809 4,447 8,878 9,761  MW 623 2,5566 344	% Weight 48.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8% 100% % Weight 0.2% 7.6% 45.6% 9.0% 37.1% 8.3% 45.6% 91.0% 100%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.4% -0.5% 2.2%  Δ yoy 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	MW 51 304 187 542 542 MW
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  North & Central America Hydro Wind Wind  Morth & Central America Hydro Wind Wind  Solar & Others	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997 MW 19 741 123 883 3,623 809 4,447 8,878 9,761	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2% 12.8% 36.8% 100.0%  % Weight 0.2% 7.6% 7.6% 7.6% 9.0% 37.1% 8.3% 9.0% 45.6% 91.0% 100%	MW 9,880 1,362 1,388 41 12,771 8355 4,240 2,699 7,773 20,544  MW 19 741 1233 883 3,623 809 4,447 8,878 9,761	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8% 100%  % Weight 0.2% 6.3% 9.0% 37.1% 8.3% 9.0% 100%  % Weight 17.6% 72.6%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.2% -0.4% -0.5% 2.2%  Δ yoy 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	MW 51 304 187 - 542
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  North & Central America Hydro Wind Solar & Others  Total Thermal  Total	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997  MW 19 741 123 883 3,623 809 4,447 8,878 9,761  MW 623 2,940 264 3,826	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2% 12.8% 36.8% 100.0%  % Weight 0.2% 7.6% 7.6% 8.3% 9.0% 37.1% 8.3% 45.6% 91.0% 100%  % Weight 16.3% 76.8% 6.9% 100%	MW 9,980 1,362 1,388 41 12,771 8355 4,240 2,699 7,773 20,544  MW 19 741 123 883 3,623 809 4,447 8,878 9,761  MW 623 2,566 344 3,533	% Weight 48.6% 6.6% 6.8% 0.2% 4.1% 20.6% 13.1% 37.8% 100% % Weight 0.2% 7.6% 8.3% 9.0% 37.1% 8.3% 9.0% 100% 100% % Weight 17.6% 91.0% 100%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.2% -0.4% -0.5% 2.2%  Δ yoy 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	MW 51 304 187 - 542 542  MW
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Solar & Others  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  North & Central America Hydro Wind Solar & Others  Total  North & Central America Hydro Wind Solar & Others  Total	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997  MW 19 741 123 883 3,623 809 4,447 8,878 9,761  MW 623 2,940 264 3,826	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 63.2% 12.8% 36.8% 100.0%  % Weight 0.2% 7.6% 7.6% 7.6% 7.6% 9.0% 37.1% 8.3% 9.0% 45.6% 91.0% 100%  % Weight 16.3% 76.8% 6.9% 100%	MW 9,880 1,362 1,388 41 12,771 8355 4,240 2,699 7,773 20,544  MW 19 741 123 883 3,623 809 4,447 8,878 9,761	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8% 100%  % Weight 0.2% 6.3,1% 7.6% 7.6% 1.3% 9.0% 37.1% 8.3% 45.6% 91.0% 100%  % Weight 17.6% 72.6% 9.7% 100%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.2% -0.4% -0.5% 2.2%  Δ yoy 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	MW 51 304 187 542 542 MW
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  North & Central America Hydro Wind Solar & Others  Total Senewables Coal CCGT Oil & Gas  Total Thermal  Total  North & Central America Hydro Wind Solar & Others  Total  Sub Saharan Africa & Asia Wind	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997 MW 19 741 123 883 3,623 809 4,447 8,878 9,761 MW 623 2,940 264 3,826	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 3.9% 20.2% 12.8% 36.8% 100.0%  % Weight 0.2% 7.6% 37.1% 8.3% 9.0% 37.1% 8.3% 91.0% 100%  % Weight 16.3% 6.9% 100%	MW 9,880 1,362 1,388 41 12,771 835 4,240 2,699 7,773 20,544  MW 19 741 123 883 3,623 809 4,447 8,878 9,761  MW 623 2,566 344 3,533	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8% 100%  % Weight 0.2% 6.3% 1.3% 7.6% 1.3% 9.0% 37.1% 8.3% 45.6% 91.0%  Weight 17.6% 72.6% 9.7% 100%  % Weight 53.4%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.4% -0.5% 2.2%  Δ yoy 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	MW 51 304 187 - 542
South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Solar & Others  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  North & Central America Hydro Wind Solar & Others  Total  North & Central America Hydro Wind Solar & Others  Total	MW 10,031 1,616 1,575 41 13,263 813 4,233 2,688 7,734 20,997  MW 19 741 123 883 3,623 809 4,447 8,878 9,761  MW 623 2,940 264 3,826	% Weight 47.8% 7.7% 7.5% 0.2% 63.2% 63.2% 12.8% 36.8% 100.0%  % Weight 0.2% 7.6% 7.6% 7.6% 7.6% 9.0% 37.1% 8.3% 9.0% 45.6% 91.0% 100%  % Weight 16.3% 76.8% 6.9% 100%	MW 9,880 1,362 1,388 41 12,771 8355 4,240 2,699 7,773 20,544  MW 19 741 123 883 3,623 809 4,447 8,878 9,761	% Weight 48.6% 6.6% 6.8% 0.2% 62.2% 4.1% 20.6% 13.1% 37.8% 100%  % Weight 0.2% 6.3,1% 7.6% 7.6% 1.3% 9.0% 37.1% 8.3% 45.6% 91.0% 100%  % Weight 17.6% 72.6% 9.7% 100%	Δ yoy 0.5% 18.7% 13.5% 0.0% 3.9% -2.6% -0.2% -0.4% -0.5% 2.2%  Δ yoy 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	MW 51 304 187 - 542 542  MW

<sup>1.</sup> Consolidated perimeter excluding managed capacity under JV in North America, Italy, Australia and Mexico equal to around 4.2 GW.

2. 2017 restated figures.

3. Consolidated perimeter excluding added managed capacity equal to around 350 MW. It includes additional capacity from non organic growth.













# 3. Group Net Production



	FY 20		FY 20		∆ yoy	4Q 2018
Group	GWh	% Weight	GWh	% Weight	∆ yoy	GWh
Hydro	65,893	26.3%	55,363	22.2%	19.0%	15,928
Wind	22,161	8.9%	17,827	7.1%	24.3%	5,816
Solar & Others	5,005	2.0%	2,687	1.1%	86.3%	1,125
Geothermal	5,881	2.3%	5,820	2.3%	1.1%	1,498
Total Renewables	98,940	39.5%	81,696	32.7%	21.1%	24,367
Nuke	24,067	9.6%	26,448	10.6%	-9.0%	5,608
Coal	64,366	25.7%	70,497	28.2%	-8.7%	16,653
CCGT	38,134	15.2%	44,381	17.8%	-14.1%	9,572
Oil & Gaˆ	24,832	9.9%	26,855	10.7%	-7.5%	6,374
Total Thermal	151,399	60.5%	168,180	67.3%	-10.0%	38,208
Total Enel Group	250,339	100%	249,876	100%	0.2%	62,575
Italy	GWh	% Weight	GWh	% Weight	∆ yoy	GWh
Hydro	18,395	34.6%	14,025	26.2%	31.2%	3,944
Wind	1,289	2.4%	1,188	2.2%	8.5%	356
Solar & Others	125	0.2%	126	0.2%	-1.0%	17
Geothermal	5,667	10.6%	5,758	10.8%	-1.6%	1,434
Total Renewables		47.9%		39.4%	20.8%	
	25,476		<b>21,097</b>			<b>5,751</b>
Coal	20,698	38.9%	24,172	45.2%	-14.4%	5,117
CCGT	6,578	12.4%	7,690	14.4%	-14.5%	1,761
Oil & Gas	481	0.9%	558	1.0%	-13.9%	118
Total Thermal	27,757	52.1%	32,421	60.6%	-14.4%	6,996
Total	53,232	100%	53,518	100%	-0.5%	12,747
Iberia		% Weight	GWh	% Weight	∆ yoy	GWh
Hydro	8,459	11.4%	5,038	6.4%	67.9%	1,502
Wind	3,688	5.0%	3,351	4.3%	10.1%	1,070
Solar & Others	25	0.0%	27	0.0%	-4.2%	4
Total Renewables	12,172	16.4%	8,416	10.7%	44.6%	2,576
Nuke	24,067	32.4%	26,448	33.6%	-9.0%	5,608
Coal	22,316	30.1%	24,906	31.7%	-10.4%	6,417
CCGT	8,957	12.1%	11,849	15.1%	-24.4%	2,444
		121170	11/015	101170	= 11 1 70	
()II & Gas	6 681	9 0%	7 000	8 9%	-4 6%	1 600
Oil & Gas	6,681	9.0%	7,000 <b>70.202</b>	8.9%	-4.6%	1,600
Total Thermal	62,021	83.6%	70,202	89.3%	-11.7%	16,068
						16,068
Total Thermal Total	62,021 74,193	83.6% 100%	70,202 78,618	89.3% 100.0%	-11.7% -5.6%	16,068 18,645
Total Thermal Total South America	62,021 74,193 GWh	83.6% 100% % Weight	70,202 78,618 GWh	89.3% 100.0% % Weight	-11.7% -5.6%	16,068 18,645 GWh
Total Thermal  Total  South America  Hydro	62,021 74,193 GWh 36,136	83.6% 100% Weight 53.2%	70,202 78,618 GWh 33,597	89.3% 100.0% % Weight 52.0%	-11.7% -5.6% Δ yoy 7.6%	16,068 18,645 GWh 9,839
Total Thermal Total  South America Hydro Wind	<b>62,021 74,193 GWh</b> 36,136 6,138	83.6% 100% % Weight 53.2% 9.0%	70,202 78,618 GWh 33,597 3,661	89.3% 100.0% % Weight 52.0% 5.7%	-11.7% -5.6% Δ yoy 7.6% 67.6%	16,068 18,645 GWh 9,839 1,579
Total Thermal Total  South America Hydro Wind Solar & Others	<b>62,021 74,193 GWh</b> 36,136 6,138 2,968	83.6% 100% % Weight 53.2% 9.0% 4.4%	<b>70,202 78,618 GWh</b> 33,597 3,661 1,580	89.3% 100.0% % Weight 52.0% 5.7% 2.4%	-11.7% -5.6% Δ yoy 7.6% 67.6% 87.9%	16,068 18,645 GWh 9,839 1,579 860
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal	62,021 74,193 GWh 36,136 6,138 2,968 214	83.6% 100% % Weight 53.2% 9.0% 4.4% 0.3%	<b>70,202 78,618 GWh</b> 33,597  3,661 1,580 61	89.3% 100.0% % Weight 52.0% 5.7% 2.4% 0.1%	-11.7% -5.6% Δ yoy 7.6% 67.6% 87.9% 249.0%	16,068 18,645 GWh 9,839 1,579 860 64
Total Thermal  Total  South America  Hydro  Wind  Solar & Others  Geothermal  Total Renewables	62,021 74,193 GWh 36,136 6,138 2,968 214 45,456	83.6% 100% % Weight 53.2% 9.0% 4.4% 0.3% 66.9%	70,202 78,618 GWh 33,597 3,661 1,580 61 38,838	89.3% 100.0% % Weight 52.0% 5.7% 2.4% 0.1% 60.1%	-11.7% -5.6% Δ yoy 7.6% 67.6% 87.9% 249.0% 17.0%	16,068 18,645 GWh 9,839 1,579 860 64 12,342
Total Thermal  Total  South America  Hydro Wind Solar & Others Geothermal  Total Renewables Coal	62,021 74,193 GWh 36,136 6,138 2,968 214 45,456 2,781	83.6% 100% % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1%	70,202 78,618 GWh 33,597 3,661 1,580 61 38,838 2,854	89.3% 100.0% % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 4.4%	-11.7% -5.6% Δ yoy 7.6% 67.6% 87.9% 249.0% 17.0% -2.6%	16,068 18,645 GWh 9,839 1,579 860 64 12,342
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal Total Renewables Coal CCGT	62,021 74,193 GWh 36,136 6,138 2,968 214 45,456 2,781 16,816	83.6% 100% % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8%	70,202 78,618 GWh 33,597 3,661 1,580 61 38,838 2,854 19,568	89.3% 100.0% % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 4.4% 30.3%	-11.7% -5.6% Δ yoy 7.6% 67.6% 87.9% 249.0% 17.0% -2.6% -14.1%	16,068 18,645 GWh 9,839 1,579 860 64 12,342 246 3,879
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas	62,021 74,193 GWh 36,136 6,138 2,968 214 45,456 2,781	83.6% 100% % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1%	70,202 78,618 GWh 33,597 3,661 1,580 61 38,838 2,854	<b>89.3%</b> 100.0% <b>Weight</b> 52.0% 5.7% 2.4% 0.1% <b>60.1%</b> 4.4% 30.3% 5.1%	-11.7% -5.6% Δ yoy 7.6% 67.6% 87.9% 249.0% 17.0% -2.6% -14.1% -14.0%	16,068 18,645 GWh 9,839 1,579 860 64 12,342 246 3,879 341
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal Total Renewables Coal CCGT	62,021 74,193 GWh 36,136 6,138 2,968 214 45,456 2,781 16,816	83.6% 100% % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8%	70,202 78,618 GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727	89.3% 100.0% % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 4.4% 30.3%	-11.7% -5.6% A yoy 7.6% 67.6% 87.9% 249.0% 17.0% -2.6% -14.1% -14.0% -12.8%	16,068 18,645 GWh 9,839 1,579 860 64 12,342 246 3,879 341
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas	62,021 74,193 GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843	83.6% 100% % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2%	70,202 78,618 GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305	<b>89.3%</b> 100.0% <b>Weight</b> 52.0% 5.7% 2.4% 0.1% <b>60.1%</b> 4.4% 30.3% 5.1%	-11.7% -5.6% Δ yoy 7.6% 67.6% 87.9% 249.0% 17.0% -2.6% -14.1% -14.0%	16,068 18,645 GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal Total Renewables Coal CCGT Oil & Gas Total Thermal Total Total	62,021 74,193 GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897	83.6% 100% % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0%	70,202 78,618 GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627	89.3% 100.0% % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 4.4% 30.3% 5.1% 39.8% 100.0%	-11.7% -5.6% A yoy 7.6% 67.6% 87.9% 249.0% 17.0% -2.6% -14.1% -14.0% -12.8% 5.1%	16,068 18,645 GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal Total  Europe & North Africa 1	62,021 74,193 GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897	83.6% 100% % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0%	70,202 78,618 GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627	89.3% 100.0% % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 4.4% 30.3% 5.1% 39.8% 100.0% % Weight	-11.7% -5.6% Δ yoy 7.6% 67.6% 87.9% 249.0% 17.0% -14.1% -14.0% -12.8% 5.1%	16,068 18,645 GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal Total Renewables Coal CCGT Oil & Gas Total Thermal Total Total	62,021 74,193 GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897	83.6% 100% % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0%	70,202 78,618 GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627	89.3% 100.0% % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 4.4% 30.3% 5.1% 39.8% 100.0%	-11.7% -5.6% A yoy 7.6% 67.6% 87.9% 249.0% 17.0% -2.6% -14.1% -14.0% -12.8% 5.1%	16,068 18,645 GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807 GWh
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal Total  Europe & North Africa 1	62,021 74,193 GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897	83.6% 100% % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0%	70,202 78,618 GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627	89.3% 100.0% % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 4.4% 30.3% 5.1% 39.8% 100.0% % Weight	-11.7% -5.6% Δ yoy 7.6% 67.6% 87.9% 249.0% 17.0% -14.1% -14.0% -12.8% 5.1%	16,068 18,645 GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807 GWh
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh	83.6% 100% % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0% % Weight 0.1%	70,202 78,618  GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh	89.3% 100.0% % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 4.4% 30.3% 5.1% 39.8% 100.0% % Weight 0.1%	-11.7% -5.6% A yoy 7.6% 67.6% 87.9% 249.0% 17.0% -2.6% -14.1% -14.0% -12.8% 5.1% A yoy 43%	16,068 18,645 GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807 GWh
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal Total Renewables Coal CCGT Oil & Gas Total Thermal Total  Europe & North Africa Hydro Wind	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh 32 1,700	83.6% 100% % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0% % Weight 0.1% 4.1%	70,202 78,618  GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh 22 1,814	89.3% 100.0%  % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 30.3% 5.1% 39.8% 100.0%  % Weight 0.1% 4.3%	-11.7% -5.6% A yoy 7.6% 67.6% 87.9% 249.0% 17.0% -2.6% -14.1% -14.0% -12.8% 5.1% A yoy 43% -6%	16,068 18,645  GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807  GWh 5 489 27
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal Total Renewables Coal CCGT Oil & Gas Total Thermal Total  Europe & North Africa Hydro Wind Solar & Others	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh 32 1,700 163 1,894	83.6% 100%  % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0%  % Weight 0.1% 4.1% 4.1% 4.6%	70,202 78,618  GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh 22 1,814 1772 2,009	89.3% 100.0%  % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 4.4% 30.3% 5.1% 100.0%  % Weight 0.1% 4.3% 0.4% 4.8%	-11.7% -5.6% A yoy 7.6% 67.6% 87.9% 249.0% -14.1% -14.0% -12.8% 5.1% A yoy 43% -6% -6%	16,068 18,645  GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807  GWh 5 489 27 521
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal Total  Europe & North Africa Hydro Wind Solar & Others Total Renewables	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh 32 1,700 163 1,894 18,572	83.6% 100%  % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0%  % Weight 0.1% 4.1% 0.4% 4.6% 45.2%	70,202 78,618  GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh 22 1,814 172 2,009 18,565	89.3% 100.0%  % Weight 52.0% 5.7% 2.4% 0.1% 4.4% 30.3% 5.1% 39.8% 100.0%  % Weight 0.1% 4.3% 0.4% 4.8% 44.4%	-11.7% -5.6% A yoy 7.6% 67.6% 87.9% 249.0% 17.0% -14.1% -14.0% -12.8% 5.1% A yoy 43% -6% -6% -6% -6% -6%	16,068 18,645  GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807  GWh 5 489 27 521 4,874
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro Wind Solar & Others Total Renewables Coal CCGT Otal Thermal  Total  CCGT Otal Thermal  Total  CCGT Otal Renewables Coal CCGT Coal CCGT	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh 32 1,700 163 1,894 18,572 5,783	83.6% 100%  % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0%  % Weight 0.1% 4.1% 0.4% 0.4% 4.6% 45.2% 14.1%	70,202 78,618  GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh 22 1,814 172 2,009 18,565 5,274	89.3% 100.0%  % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 30.3% 5.1% 39.8% 100.0%  % Weight 0.1% 4.3% 0.4% 4.8% 44.4% 12.6%	-11.7% -5.6% A yoy 7.6% 67.6% 87.9% 249.0% 17.0% -14.1% -14.0% -12.8% 5.1% A yoy 43% -6% -6% -6% -6% -6% -6% -6%	16,068 18,645  GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807  GWh 5 489 27 521 4,874 1,488
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh 32 1,700 163 1,894 18,572 5,783 14,827	83.6% 100%  % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0%  % Weight 0.1% 4.1% 0.4% 4.6% 4.5.2% 14.1% 36.1%	70,202 78,618  GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh 22 1,814 172 2,009 18,565 5,274 15,991	89.3% 100.0%  % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 30.3% 5.1% 39.8% 100.0%  % Weight 0.1% 4.3% 0.4% 4.3% 3.4% 4.4% 38.2%	-11.7% -5.6% A yoy 7.6% 67.6% 87.9% 249.0% 17.0% -2.6% -14.1% -14.0% -12.8% 5.1% A yoy 43% -6% -6% -6% -6% 10% -7%	16,068 18,645  GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807  GWh 5 489 27 521 4,874 1,488 4,315
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal Total Renewables Coal CCGT Oil & Gas Total Thermal Total  Europe & North Africa Hydro Wind Solar & Others Total Renewables Coal CCGT Oil & Gas Total Thermal	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh 32 1,700 163 1,894 18,572 5,783 14,827 39,182	83.6% 100%  % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 100.0%  % Weight 0.1% 4.1% 4.6% 45.2% 14.1% 95.4%	70,202 78,618  GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh 22 1,814 172 2,009 18,565 5,274 15,991 39,830	89.3% 100.0%  % Weight 52.0% 5.7% 2.4% 60.1% 4.4% 30.3% 5.1% 100.0%  % Weight 0.1% 4.3% 4.4% 4.3% 4.4% 12.6% 38.2% 95.2%	-11.7% -5.6% A yoy 7.6% 67.6% 87.9% 249.0% -14.1% -14.0% -12.8% 5.1% A yoy 43% -6% -6% -6% -6% -6% -7% -7% -7% -2%	16,068 18,645  GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807  GWh 5 489 27 521 4,874 1,488 4,315 10,678
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh 32 1,700 163 1,894 18,572 5,783 14,827	83.6% 100%  % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0%  % Weight 0.1% 4.1% 0.4% 4.6% 4.5.2% 14.1% 36.1%	70,202 78,618  GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh 22 1,814 172 2,009 18,565 5,274 15,991	89.3% 100.0%  % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 30.3% 5.1% 39.8% 100.0%  % Weight 0.1% 4.3% 0.4% 4.3% 3.4% 4.4% 38.2%	-11.7% -5.6% A yoy 7.6% 67.6% 87.9% 249.0% 17.0% -2.6% -14.1% -14.0% -12.8% 5.1% A yoy 43% -6% -6% -6% -6% 10% -7%	16,068 18,645  GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807  GWh 5 489 27 521 4,874 1,488 4,315 10,678
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal Total  Europe & North Africa Hydro Wind Solar & Others Total Renewables Coal CCGT Oil & Gas  Total Thermal Total  Total Solar & Others  Total Renewables Coal CCGT Oil & Gas Total Thermal Total Total	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh 32 1,700 163 1,894 18,572 5,783 14,827 39,182 41,076	83.6% 100%  % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0%  % Weight 0.1% 4.1% 0.4% 4.6% 45.2% 14.1% 36.1% 95.4% 100%	70,202 78,618  GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh 22 1,814 172 2,009 18,565 5,274 15,991 39,830 41,839	89.3% 100.0%  % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 4.4% 30.3% 5.1% 39.8% 100.0%  % Weight 0.1% 4.3% 0.4% 4.8% 44.4% 12.6% 38.2% 55.2% 100%	-11.7% -5.6%  A yoy 7.6% 67.6% 87.9% 249.0% 17.0% -14.1% -14.0% -12.8% 5.1%  A yoy 43% -6% -6% -6% -6% -6% -6% -2% -2%	16,068 18,645  GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807  GWh 5 489 27 521 4,874 1,488 4,315 10,678
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  North & Central America  North & Central America	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh 32 1,700 163 1,894 18,572 5,783 14,827 39,182 41,076	83.6% 100%  % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0%  % Weight 0.1% 4.1% 0.4% 4.6% 45.2% 14.1% 36.1% 95.4% 100%	70,202 78,618  GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh 22 1,814 172 2,009 18,565 5,274 15,991 39,830 41,839	89.3% 100.0%  % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 30.3% 5.1% 39.8% 100.0%  % Weight 0.1% 4.3% 0.4% 4.8% 44.4% 12.6% 38.2% 95.2% 100%	-11.7% -5.6%  A yoy 7.6% 67.6% 87.9% 249.0% 17.0% -14.1% -14.0% -12.8% 5.1%  A yoy 43% -6% -6% -6% -6% -6% -2%  A yoy	16,068 18,645  GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807  GWh 5 489 27 521 4,874 1,488 4,315 10,678 11,199
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas Total Thermal Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas Total Thermal Total  North & Central America Hydro Wind Total CCGT Oil & Gas Total Thermal Total	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh 32 1,700 163 1,894 18,572 5,783 14,827 39,182 41,076  GWh 2,871	83.6% 100%  % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0%  % Weight 0.1% 4.1% 0.4% 4.6% 45.2% 14.1% 36.1% 95.4% 100%	70,202 78,618  GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh 22 1,814 172 2,009 18,565 5,274 15,991 39,830 41,839  GWh 2,681	89.3% 100.0%  % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 30.3% 5.19 39.8% 100.0%  % Weight 0.1% 4.3% 0.4% 4.8% 44.4% 12.6% 38.2% 95.2% 100%	-11.7% -5.6%  A yoy 7.6% 67.6% 87.9% 249.0% -2.6% -14.1% -14.0% -5.1%  A yoy 43% -6% -6% -6% -6% -7% -2% -2%	16,068 18,645  GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807  GWh 59 489 27 521 4,874 1,488 4,315 10,678 11,199  GWh 638
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal Total Renewables Coal CCGT Oil & Gas Total Thermal Total  Europe & North Africa Hydro Wind Solar & Others Total Renewables Coal CCGT Oil & Gas Total Thermal Total  North & Central America Hydro Wind Wind Wind Total	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh 32 1,700 163 1,894 18,572 5,783 14,827 39,182 41,076  GWh 2,871 8,413	83.6% 100%  % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 100.0%  % Weight 0.1% 4.1% 4.1% 4.1% 4.6% 45.2% 14.1% 95.4% 100%	70,202 78,618  GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh 22 1,814 172 2,009 18,565 5,274 15,991 39,830 41,839	89.3% 100.0%  % Weight 52.0% 5.7% 2.4% 60.1% 4.4% 30.3% 5.1% 100.0%  % Weight 0.1% 4.3% 0.4% 4.8% 44.4% 12.6% 38.2% 95.2% 100%  % Weight 71%	-11.7% -5.6%  A yoy 7.6% 67.6% 87.9% 249.0% -14.1% -14.0% -14.0% -5.1%  A yoy 43% -6% -6% -6% -6% -7% -2%  A yoy -2%	16,068 18,645  GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807  GWh 5 489 27 521 4,874 1,488 4,315 10,678 11,199  GWh 638 2,119
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  North & Central America Hydro Wind Solar & Others	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh 32 1,700 163 1,894 18,572 5,783 14,827 39,182 41,076  GWh 2,871 8,413 1,149	83.6% 100%  % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 100.0%  % Weight 0.1% 4.1% 6.1% 4.1% 36.1% 36.1% 36.1% 36.1% 36.1% 36.1% 36.1% 36.1% 36.1% 95.4% 100%	70,202 78,618  GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh 22 1,814 172 2,009 18,565 5,274 15,991 39,830 41,839  GWh 2,681 6,920 192	89.3% 100.0%  % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 4.4% 30.3% 5.1% 100.0%  % Weight 0.1% 4.3% 4.4% 12.6% 38.2% 95.2% 100%  % Weight 27% 71% 2%	-11.7% -5.6%  A yoy 7.6% 67.6% 87.9% 249.0% -2.6% -14.1% -14.0% -12.8% 5.1%  A yoy 43% -6% -6% -6% -6% -2.6% -2%  A yoy 7% 22% 497%	16,068 18,645  GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807  GWh 5 489 27 521 4,874 1,488 4,315 10,678 11,199  GWh 638 2,119 53
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal Total Renewables Coal CCGT Oil & Gas Total Thermal Total  Europe & North Africa Hydro Wind Solar & Others Total Renewables Coal CCGT Oil & Gas Total Thermal Total  North & Central America Hydro Wind Wind Wind Total	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh 32 1,700 163 1,894 18,572 5,783 14,827 39,182 41,076  GWh 2,871 8,413	83.6% 100%  % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 100.0%  % Weight 0.1% 4.1% 4.1% 4.1% 4.6% 45.2% 14.1% 95.4% 100%	70,202 78,618  GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh 22 1,814 172 2,009 18,565 5,274 15,991 39,830 41,839	89.3% 100.0%  % Weight 52.0% 5.7% 2.4% 60.1% 4.4% 30.3% 5.1% 100.0%  % Weight 0.1% 4.3% 0.4% 4.8% 44.4% 12.6% 38.2% 95.2% 100%  % Weight 71%	-11.7% -5.6%  A yoy 7.6% 67.6% 87.9% 249.0% -14.1% -14.0% -14.0% -5.1%  A yoy 43% -6% -6% -6% -6% -7% -2%  A yoy -2%	16,068 18,645  GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807  GWh 5 489 27 521 4,874 1,488 4,315 10,678 11,199  GWh 638 2,119 53
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  North & Central America Hydro Wind Solar & Others  Total Thermal  Total  North & Central America Hydro Wind Solar & Others  Total	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh 32 1,700 163 1,894 18,572 5,783 14,827 39,182 41,076  GWh 2,871 8,413 1,149 12,433	83.6% 100%  % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0%  % Weight 0.1% 4.1% 36.1% 95.4% 100%  % Weight 23.1% 67.7% 9.2% 100%	70,202 78,618  GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh 22 1,814 172 2,009 18,565 5,274 15,991 39,830 41,839  GWh 2,681 6,920 192 9,794	89.3% 100.0%  % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 4.4% 30.3% 5.19 39.8% 100.0%  % Weight 0.4% 4.3% 4.4% 12.6% 38.2% 100%  % Weight 27% 71% 2% 100%	-11.7% -5.6%  A yoy 7.6% 67.6% 87.9% 249.0% 17.0% -14.1% -14.0% -12.8% 5.1%  A yoy 43% -6% -6% -6% -6% -2% 22% 497%	16,068 18,645  GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807  GWh 5 489 27 521 4,874 1,488 4,315 10,678 11,199  GWh 638 2,119 53 2,810
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal Total Renewables Coal CCGT Oil & Gas Total Thermal Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas Total Thermal Total  Solar & Others  Total Renewables Coal CCGT Oil & Gas Total Thermal Total  North & Central America Hydro Wind Solar & Others  Total  North & Central America Total Sub Saharan Africa & Asia	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh 32 1,700 163 1,894 18,572 5,783 14,827 39,182 41,076  GWh 2,871 8,413 1,149 12,433  GWh	83.6% 100%  % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0%  % Weight 0.1% 4.1% 0.4% 4.6% 44.1% 95.4% 100%  % Weight 23.1% 67.7% 9.2% 100%  % Weight	70,202 78,618  GWh 33,597 3,661 1,580 61 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh 22 1,814 172 2,009 18,565 5,274 15,991 39,830 41,839  GWh 2,681 6,920 192 9,794  GWh	89.3% 100.0%  % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 4.4% 30.3% 5.1% 100.0%  % Weight 0.1% 4.3% 0.4% 4.8% 44.4% 12.6% 38.2% 95.2% 100%  % Weight 27% 71% 2% 100%  % Weight	-11.7% -5.6%  A yoy 7.6% 67.6% 87.9% 249.0% 17.0% -2.6% -14.1% -14.0% -12.8% -6% -6% -6% -6% -6% -7% -2% -2% 437% 22% 497% 27%	16,068 18,645  GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807  GWh 5 489 27 521 4,874 1,488 4,315 10,678 11,199  GWh 638 2,119 53 2,810
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas  Total Thermal  Total  North & Central America Hydro Wind Solar & Others  Total Thermal  Total  North & Central America Hydro Wind Solar & Others  Total  North & Central America Hydro Wind Solar & Others  Total  Sub Saharan Africa & Asia Wind	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh 32 1,700 163 1,894 18,572 5,783 14,827 39,182 41,076  GWh 2,871 8,413 1,149 12,433	83.6% 100%  % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0%  % Weight 0.1% 4.1% 36.1% 95.4% 100%  % Weight 23.1% 67.7% 9.2% 100%	70,202 78,618  GWh 33,597 3,661 1,580 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh 22 1,814 172 2,009 18,565 5,274 15,991 39,830 41,839  GWh 2,681 6,920 192 9,794	89.3% 100.0%  % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 4.4% 30.3% 5.19 39.8% 100.0%  % Weight 0.4% 4.3% 4.4% 12.6% 38.2% 100%  % Weight 27% 71% 2% 100%	-11.7% -5.6%  A yoy 7.6% 67.6% 87.9% 249.0% 17.0% -14.1% -14.0% -12.8% 5.1%  A yoy 43% -6% -6% -6% -6% -2% 22% 497%	16,068 18,645  GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807  GWh 5 489 27 521 4,874 1,488 4,315 10,678 11,199  GWh 638 2,119 53 2,810
Total Thermal Total  South America Hydro Wind Solar & Others Geothermal Total Renewables Coal CCGT Oil & Gas Total Thermal Total  Europe & North Africa Hydro Wind Solar & Others  Total Renewables Coal CCGT Oil & Gas Total Thermal Total  Solar & Others  Total Renewables Coal CCGT Oil & Gas Total Thermal Total  North & Central America Hydro Wind Solar & Others  Total  North & Central America Total Sub Saharan Africa & Asia	62,021 74,193  GWh 36,136 6,138 2,968 214 45,456 2,781 16,816 2,843 22,441 67,897  GWh 32 1,700 163 1,894 18,572 5,783 14,827 39,182 41,076  GWh 2,871 8,413 1,149 12,433  GWh	83.6% 100%  % Weight 53.2% 9.0% 4.4% 0.3% 66.9% 4.1% 24.8% 4.2% 33.1% 100.0%  % Weight 0.1% 4.1% 0.4% 4.6% 44.1% 95.4% 100%  % Weight 23.1% 67.7% 9.2% 100%  % Weight	70,202 78,618  GWh 33,597 3,661 1,580 61 61 38,838 2,854 19,568 3,305 25,727 64,627  GWh 22 1,814 172 2,009 18,565 5,274 15,991 39,830 41,839  GWh 2,681 6,920 192 9,794  GWh	89.3% 100.0%  % Weight 52.0% 5.7% 2.4% 0.1% 60.1% 4.4% 30.3% 5.1% 100.0%  % Weight 0.1% 4.3% 0.4% 4.8% 44.4% 12.6% 38.2% 95.2% 100%  % Weight 27% 71% 2% 100%  % Weight	-11.7% -5.6%  A yoy 7.6% 67.6% 87.9% 249.0% 17.0% -2.6% -14.1% -14.0% -12.8% -6% -6% -6% -6% -6% -7% -2% -2% 437% 22% 497% 27%	16,068 18,645  GWh 9,839 1,579 860 64 12,342 246 3,879 341 4,465 16,807  GWh 5 489 27 521 4,874 1,488 4,315 10,678 11,199  GWh 638 2,119 53

- Total
   1,508
   1

   1. Includes Romania, Russia, Belgium, Greece, Bulgaria
   2. Includes Mexico, Panama, USA, Canada, Guatemala, Costa Rica.

   3. Includes South Africa, India.













# 4. Group Infrastructure & Networks





Electricity distributed (TWh)	FY 2018	FY 2017	Δγογ
Italy	227.7	228.5	-0.4%
Iberia	124.7	126.4	-1.3%
South America	117.4	90.7	29.5%
Europe & North Africa	15.6	15.2	2.9%
Total	485.4	460.7	5.4%

End users <sup>1</sup> (mn)	FY 2018	FY 2017	Δγογ
Italy	31.4	31.5	0.0%
Iberia	12.2	12.1	0.7%
South America	26.5	19.1	38.4%
Europe & North Africa	2.9	2.8	1.7%
Total	72.9	65.5	11.4%

 $1.\mbox{End}$  Users represent the number of distribution delivery points at the end of the period.

# 5. Group Retail



Energy sold (TWh) <sup>2</sup>	FY 2018	FY 2017	Δγογ
Italy	104.3	103.2	1.1%
Regulated	39.8	44.0	-9.4%
Free Market	64.5	59.3	8.8%
Iberia	89.6	96.5	-7.1%
South America	91.1	74.7	22.0%
Europe & North Africa	10.4	10.3	0.5%
Total	295.4	284.8	3.8%

Gas sold (bmc)	FY 2018	FY 2017	Δγογ
Italy	4.8	4.8	-1.0%
Iberia	6.4	6.9	-7.6%
Romania	0.01	0.01	-32.6%
Total	11.2	11.8	-4.9%

<sup>2.</sup> Net of energy losses.

Power customers <sup>3</sup> (mn)	FY 2018	FY 2017	Δγογ
Italy	25.2	26.1	-3.7%
Regulated	16.6	18.3	-9.1%
Free Market	8.6	7.9	8.9%
Iberia	10.8	10.8	-0.9%
South America	25.8	18.2	41.3%
Europe & North Africa	3.0	2.8	6.5%
Total	64.7	58.0	11.5%

Gas customers (mn)	FY 2018	FY 2017	Δγογ
Italy	4.1	4.0	1.5%
Iberia	1.6	1.6	2.8%
Romania	0.04	0.01	n.m.
Total	5.7	5.6	2.5%

<sup>3.</sup> Power Customers represent clients with active contracts with Enel.

# 6. Italian Energy Market

# Italy energy balance

GWh	Jan-Dec 2018	Jan-Dec 2017	Δ γογ
Hydro	49,275	37,557	31.2%
Thermo	185,046	200,305	-7.6%
- Biomass	17,683	17,818	-0.8%
Geothermal	5,708	5,821	-1.9%
Wind	17,318	17,565	-1.4%
PV	22,887	24,017	-4.7%
Total net production	280,234	285,265	-1.8%
Import	47,179	42,895	10.0%
Export	3,270	5,134	-36.3%
Net import	43,909	37,761	16.3%
Pumped storage	2,233	2,478	-9.9%
Electricity demand	321,910	320,548	0.4%
C TEDALA			

Source: TERNA

# Pool price (€/MWh)



Source: GME













#### 7. Main Financials & Market performance



Fnel Group	figures as	of September	30th 2018

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€mn	9M 2018	9M 2017	Δ yoy
Revenues	55,246	54,188	2%
Reported EBITDA <sup>1</sup>	12,134	11,450	6%
Ordinary EBITDA <sup>1</sup>	12,006	11,306	6%
Reported EBIT <sup>1</sup>	7,438	7,217	3%
Ordinary EBIT <sup>1</sup>	7,310	7,073	3%
Rep. Group net income <sup>1</sup>	3,016	2,621	15%
Group net ord. Income <sup>1</sup>	2,888	2,583	12%
EPS (€)	0.30	0.26	15%
FFO <sup>2</sup>	7,272	7,161	2%
	FY 2017	FY 2016	Δ yoy
Total assets	155,641	155,596	0%
Assets held for sale <sup>1</sup>	1,970	11	n.m.
Shareholder's equity	52,161	52,575	-1%
Liabilities held for sale	1,729	-	-
Financial net debt	37,410	37,553	0%
FFO/Net debt <sup>1</sup>	27%	28%	-1 p.p.
Net debt <sup>1</sup> /Ebitda	2.4x	2.5x	-
Capex <sup>3</sup>	8,499	8,842	-4%
- Growth	4,922	5,429	-9%
- Maintenance	2,363	2,466	-4%
- Connections	1,214	947	28%

#### Dividends

€/share	FY 2	018	FY 2017	
	Amount	Ex-Date	Amount	Ex-Date
Ordinary (interim)	0.14	01/23/18	0.105	01/22/18
Ordinary (Final)	0.14	N.A.	0.132	07/23/18
Total DPS <sup>4</sup>	0.	28	0.237	
Pay out	70%		65%	

4. Minimum DPS for 2018.

	31/12/2018	31/12/2017	∆ yoy
Share Price (€)	5.044	5.130	-1.7%
P/E <sup>5</sup>	12.5	13.7	-8.6%
EV/EBITDA	7.2	7.4	-2.9%
Dividend Yield <sup>5</sup>	5.6%	4.6%	20.2%

Source: Bloomberg

5. Dividend yield and P/E Ratio calculated using the Minimum DPS and Net income guidance respectively for 2018.

#### **Enel Group's Ratings**

	Rating	Outlook	Update
Moody's	Baa2	Stable	01/07/2019
S&P	BBB+	Stable	09/19/2018
Fitch	A-	Stable	02/11/2019

<sup>1.</sup> Alternative performance indicators not envisaged in the IFRS-EU accounting standards are intended to facilitate the assessment of the Group's performance and financial position. Please refer to the press releases of the related consolidated results for the definition of these indicators 2. FFO: funds from operations after  $\Delta$  WC and provisions

#### Stock performance (01/01/2018 - 25/02/2019)



## 8. Disclaimer

This document contains certain forward-looking statements that reflect the Company's management's current views with respect to future events and financial and operational performance of the Company and its subsidiaries. These forward-looking statements are based on Enel S.p.A.'s current expectations and projections about future events. Because these forward-looking statements are subject to risks and uncertainties, actual future results or performance may differ materially from those expressed in or implied by these statements due to any number of different factors, many of which are beyond the ability of Enel S.p.A. to control or estimate precisely, including changes in the regulatory environment, future market developments, fluctuations in the price and availability of fuel and other risks. You are cautioned not to place undue reliance on the forward-looking statements contained herein, which are made only as of the date of this presentation. Enel S.p.A. does not undertake any obligation to publicly release any updates or revisions to any forwardlooking statements to reflect events or circumstances after the date of this presentation. The information contained in this presentation does not purport to be comprehensive and has not been independently verified by any independent third party.

This presentation does not constitute a recommendation regarding the securities of the Company. This presentation does not contain an offer to sell or a solicitation of any offer to buy any securities issued by Enel S.p.A. or any of its subsidiaries.

Pursuant to art. 154-bis, paragraph 2, of the Italian Unified Financial Act of February 24, 1998, the executive in charge of preparing the corporate accounting documents at Enel, Alberto De Paoli, declares that the accounting information contained herein correspond to document results, books and accounting records.













<sup>3.</sup> Includes capex related to assets held for sale for 369 €mn at FY 2017 and 290 €mn at FY 2016.

Numero di Pagine: 10