

#### **KEY HIGHLIGHTS**

- Installed capacity in 1Q19 rose by 2% YoY to 27.2 GW, 74% of which from renewable sources. All new capacity additions in the last 12 months were wind farms (+663 MW), mostly in North America (+ 278 MW). This figure is already net of the sale of 200 MW of wind capacity in this geography. Hydro capacity decreased by 234 MW, reflecting the sale of small hydro plants in Portugal and Brazil in 4Q18.
- Total generation output decreased by 13% YoY in 1Q19, due to weak hydro and wind resources. Wind production fell 4% YoY, despite +6% YoY installed capacity, due to lower wind resources in key geographies (Iberia and US). Hydro production decreased 34% YoY, due to very dry quarter in Portugal. Thermal generation in Iberia increased slightly (+1% for Gas and +7% for Coal), while Coal generation in Brazil declined by 32% YoY (despite high availability rate in Brazil at 96.4%).
- Electricity volume supplied in Iberia was down by 3.9% YoY, mainly due to lower demand in the residential sector in Portugal, which is related to above-average temperatures for the period.
- Electricity distributed reduced by 4.8% in Iberia, but increased 5.1% in Brazil. In both geographies, this is related to above-average temperature, as previously mentioned.

#### **INSTALLED CAPACITY**



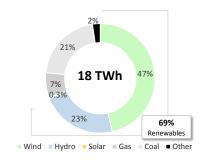


Mar-19	Mar-18	Δ	Δ%
11,194	10,531	+663	+6%
5,472	5,194	+278	+5%
5,255	5,006	+249	+5%
467	331	+137	+41%
8,785	9,019	-234	-3%
7,186	7,273	-87	-1%
1,599	1,746	-147	-8%
145	145	-	-
3,729	3,729	-	-
3,124	3,124	-	-
2,404	2,404	-	-
720	720	-	-
156	156	-	-
49	49	-	-0%
27,182	26,753	+429	+2%
	11,194 5,472 5,255 467 8,785 7,186 1,599 145 3,729 3,124 2,404 720 156	11,194 10,531 5,472 5,194 5,255 5,006 467 331 8,785 9,019 7,186 7,273 1,599 1,746 145 145 3,729 3,729 3,124 3,124 2,404 2,404 720 740 156 156 49 49	11,194 10,531 +663 5,472 5,194 +278 5,255 5,006 +249 467 331 +137 8,785 9,019 -234 7,186 7,273 -87 1,599 1,746 -147 145 145 - 3,729 3,729 - 3,124 3,124 - 2,404 -720 720 - 156 156 - 49 49 -

<sup>(1)</sup> Includes small-hydro; (2) Reflects revisions in the installed capacity of some plants

### **ELECTRICITY GENERATION**

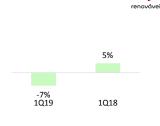
#### Electricity generation | 1Q19

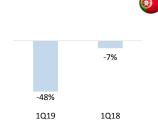


GWh	1Q19	1Q18	Δ	Δ%
Wind	8,356	8,719	-363	-4%
North America	4,429	4,662	-234	-5%
Europe	3,614	3,898	-284	-7%
Brazil	314	159	+155	+98%
Hydro	4,055	6,154	-2,099	-34%
Iberia <sup>(1)</sup>	2,669	4,198	-1,529	-36%
Brazil	1,386	1,956	-570	-29%
Solar	55	43	+12	+28%
Gas Iberia	1,315	1,302	+13	+1%
Coal	3,778	3,965	-187	-5%
Iberia	2,971	2,779	+192	+7%
Brazil	807	1,186	-379	-32%
Nuclear Spain	332	331	+1	+0%
Cogen. & Waste	82	84	-2	-2%
Total	17,974	20,598	-2,624	-13%
(1) Includes small-hydro				

Wind & Solar Production deviation vs. avg. P50 | 1Q19 vs 1Q18

Hydro resources deviation vs. historical avg. | 1Q19 vs 1Q18





Load factors	1Q19	1Q18
Wind	35%	39%
North America	37%	41%
Europe	32%	36%
Brazil	25%	24%
Hydro		
Iberia <sup>(1)</sup>	17%	27%
Brazil	40%	52%
Solar	18%	15%
Gas Iberia	16%	16%
Coal		
Iberia	57%	54%
Brazil	52%	76%
Nuclear Spain	99%	99%
(1) Includes small-hydro		

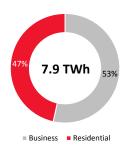
<sup>(1)</sup> Includes small-hyd

**LOAD FACTORS** 



## **ENERGY SUPPLY IN THE IBERIAN MARKET**

## Volumes of electricity supplied | 1Q19



Volumes suppli	ed (GWh)			No. of	Custome	rs (th)
	1Q19	1Q18	Δ%	1Q19	1Q18	Δ%
Electricity <sup>(1)</sup>	7,853	8,175	-3.9%	5,252	5,273	-0.4%
Portugal	4,749	5,032	-5.6%	4,101	4,139	-0.9%
Spain	3,104	3,143	-1.2%	1,151	1,134	+1.5%
Gas <sup>(1)(2)</sup>	5,392	5,754	-6.3%	1,556	1,539	+1.1%
Portugal	1,135	1,170	-3.0%	659	656	+0.4%
Spain	4,257	4,584	-7.1%	897	883	+1.6%

## **ELECTRICITY DISTRIBUTION**

Iberia

	1Q19	1Q18	Δ	Δ%
Electricity distributed (GWh)	15,057	15,811	-753	-4.8%
Portugal <sup>(1)</sup>	12,832	13,401	-569	-4.2%
Spain	2,225	2,410	-185	-7.7%
Supply points (th)	6,896	6,858	+38	+0.6%
Portugal	6,230	6,194	+35	+0.6%
Spain	667	664	+3	+0.4%

	1Q19	1Q18	Δ	Δ%
Electricity distributed (GWh)	6,535	6,217	+317	+5.1%
Final customers	3,731	3,578	+153	+4.3%
Access customers	2,804	2,639	+165	+6.2%
Supply points (th)	3,454	3,390	+64	+1.9%
EDP São Paulo	1,889	1,852	+37	+2.0%
EDP Espírito Santo	1,565	1,538	+27	+1.8%

# **MARKET INDICATORS**

Iberian market		1Q19	1Q18	Δ%
Average electricity spot price - Spain	€/MWh	54.90	48.40	13%
Hydro coefficient - Portugal	1.0 = avg. Year	0.52	0.93	-44%
Hydro coefficient - Spain	1.0 = avg. Year	0.70	1.20	-42%
Wind coefficient - Portugal	1.0 = avg. Year	0.88	1.18	-25%
Brazilian market				
Average spot price (PLD)	R\$/MWh	290	196	48%
Generation Scalling Factor (GSF)	%	149%	113%	32%
Exchange rates				
EUR/USD - Average exchange rate		1.14	1.23	8%
EUR/BRL - Average exchange rate		4.28	3.99	-7%
EUR/USD - End of period exchange rate		1.12	1.23	10%
EUR/BRL - End of period exchange rate		4.39	4.09	-7%

Brazil

# **KEY ANNOUNCEMENTS**

23-Jan-2019	EDP prices € 1,000 Million subordinated green notes
12-Mar-2019	Strategic Update
22-Apr-2019	Operating Data Preview 1Q19 - EDP Brasil
23-Apr-2019	Operating Data Preview 1Q19 - EDP Renováveis
23-Apr-2019	EDP announces €0.8bn asset rotation deal for wind farms in Europe

#### **1Q19 RESULTS RELEASE**

EDP's 1Q19 results will be released after Euronext Lisbon market close on May 16<sup>th</sup>, 2019. A conference call will be host by EDP's CEO, Mr. António Mexia on May 17<sup>th</sup>, 2019, at 11:30 GMT. More information available on: www.edp.com.