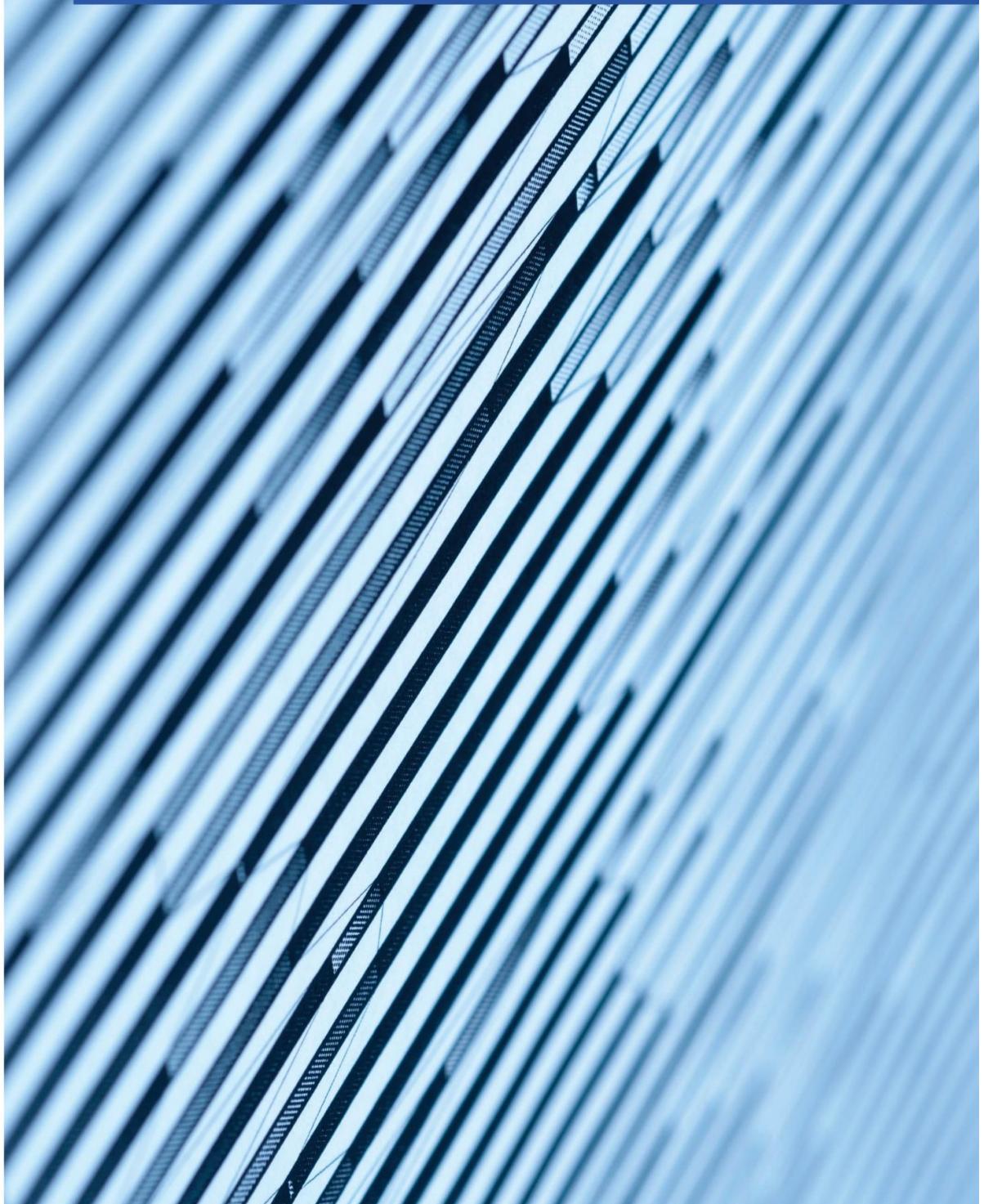


statistics

Monthly electricity statistics



iea

With data up to:
February 2020

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MONTHLY ELECTRICITY STATISTICS

February 2020

HIGHLIGHTS

Note : There were 29 days in February 2020, one more than in February 2019 and two less than in January 2020. This resulted in emphasized month-to-month figures.

OECD

- In February 2020, total net production in the OECD was 863.4 TWh, 1.0% higher than in February 2019 and 7.0% lower than in January 2020.
- Renewable production increased by 3.0% in February 2020 compared to January 2020 to reach 281.6 TWh, or 32.6% of the total electricity mix. Compared to February 2019, renewable production was 18.7% higher. Wind production was largely responsible for this increase and was 99.4 TWh, or 43.9% higher than in February 2019.
- Conventional thermal production was 449.0 TWh, down by 6.8% compared to February 2019 and by 11.3% compared to January 2020. In the first two months of 2020, coal production was 346.5 TWh, down by 22.5% compared to the same period in 2019 and natural gas production was 517.5 TWh, 3.3% higher than in January-February 2019.

OECD Americas

- Total net production in OECD Americas was 411.2 TWh, 1.1% higher than in February 2019 and 6.5% lower than in January 2020. Renewable production was 117.7 TWh, 11.3% higher than in February 2019 as a result of increased solar and wind productions, up by respectively 44.0% and 26.3% compared to February 2019.
- In Mexico, solar production during the first two months of 2020 was 1,442.2 GWh, up by 78.5% compared to the same period in 2019. Solar production in February 2020 was the highest ever recorded, with 783.9 GWh, highlighting the fast growing Mexican solar industry.
- In Chile, oil production was 660.8 GWh, 132.8% higher than in February 2019 and 41.4% higher than in January 2020. During the first two months of 2020, oil production increased by 205.9% compared to the same period in 2019, and was 1,128.1 GWh. This growing production is a way to compensate lower hydro production, caused by a lasting drought.

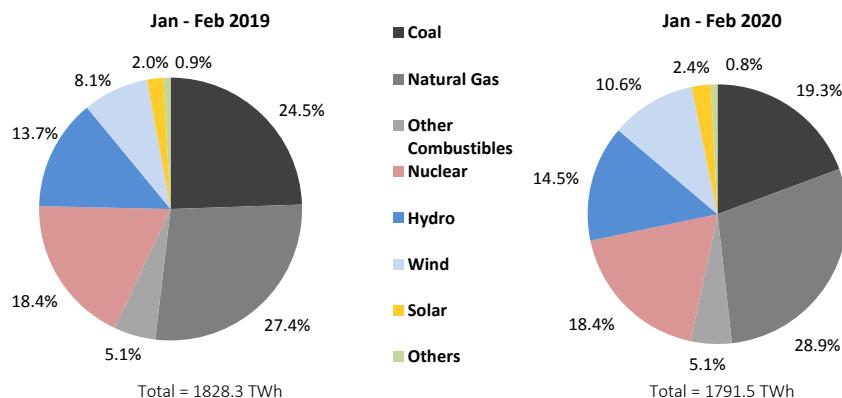
OECD Asia/Oceania

- Electricity production in OECD Asia/Oceania was 151.2 TWh, 7.2% lower than in January 2020 and 1.6% lower than in February 2019. Renewable production increased by 16.4% compared to February 2019, to reach 23.7 TWh. Conventional thermal production was 112.7 TWh, down by 4.0% compared to February 2019.
- In Australia, conventional thermal production decreased by 5.5% during the first two months of 2020 compared to the same period last year and was 33.1 TWh. Renewable production on the other hand increased by 11.5%, reaching 9.4 TWh.

OECD Europe

- In February 2020, total OECD Europe production was 301.1 TWh, 2.2% higher than in February 2019 and 7.5% lower than in January 2020. Renewable production was 140.2 TWh, the highest ever recorded, and accounted for 46.6% of the total electricity mix.
- February 2020 was a windy month as storms Dennis, Ciara and Jorge hit Western Europe. Consequently, wind production increased by 59.0% compared to February 2019 and reached a historical maximum of 61.7 TWh, providing 20.5% of the total electricity production.
- In Germany, renewable production in February 2020 was 28.1 TWh, and accounted for 56.2% of the total electricity mix. Renewable production overtook non-renewable production for the first time and due to very favorable weather conditions, wind was the primary electricity source in February, providing 19.9 TWh or 39.8% of the total electricity production.
- In Portugal just 20.4GWh of electricity was produced from coal in February 2020, 96.7% lower than in February 2019 and 82.7% lower than in January 2020. Coal accounted for 0.5% of the total electricity mix, and was the lowest share recorded in over a decade. This decreased production confirms the downwards trend seen throughout 2019.

OECD Electricity Production by Fuel Type Year-to-Date Comparison



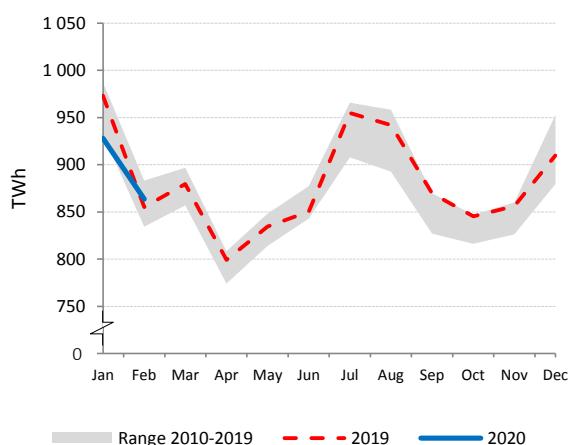
OECD Total

	Feb 2020				Year-to-Date			2019	
	TWh	change ¹	change ²	share	2020	2019	change ³	TWh	share
CONVENTIONAL THERMAL	449.0	-6.8%	-11.3%	52.0%	955.4	1 042.2	-8.3%	5 951.8	56.3%
Coal ⁵	160.6	-21.1%	-13.5%	18.6%	346.5	447.1	-22.5%	2 355.6	22.3%
Oil ⁵	14.7	-2.7%	-4.7%	1.7%	30.1	33.0	-9.0%	179.1	1.7%
Natural Gas ⁵	244.3	4.5%	-10.5%	28.3%	517.5	501.1	3.3%	3 066.9	29.0%
Combustible Renewables ⁵	26.3	8.2%	-8.5%	3.0%	55.0	51.2	7.4%	307.3	2.9%
Other Combustibles ⁵	3.1	-33.2%	-8.3%	0.4%	6.4	9.8	-34.5%	42.9	0.4%
Nuclear	156.0	-1.1%	-10.2%	18.1%	329.6	335.5	-1.8%	1 901.9	18.0%
Hydro	128.3	8.3%	-1.8%	14.9%	258.9	250.1	3.5%	1 444.1	13.7%
Wind	99.4	43.9%	9.8%	11.5%	190.1	148.1	28.3%	832.0	7.9%
Solar	23.5	15.8%	22.3%	2.7%	42.7	36.6	16.7%	349.7	3.3%
Geothermal	4.0	-18.9%	-6.3%	0.5%	8.3	9.3	-11.3%	51.2	0.5%
Other Renewables	0.1	-	-	0.0%	0.2	0.2	-0.6%	1.0	0.0%
Non-Specified	3.2	6.8%	-3.4%	0.4%	6.4	6.2	3.2%	37.3	0.4%
RENEWABLES	281.6	18.7%	3.0%	32.6%	555.0	495.5	12.0%	2 985.2	28.2%
NON-RENEWABLES	581.9	-5.8%	-11.1%	67.4%	1 236.5	1 332.8	-7.2%	7 583.6	71.8%
TOTAL NET PRODUCTION	863.4	1.0%	-7.0%		1 791.5	1 828.3	-2.0%	10 568.9	
+ Imports	42.4	5.4%	-6.4%		87.8	84.5	3.9%	487.7	
- Exports	42.9	10.5%	-5.7%		88.4	82.2	7.5%	474.9	
= ELECTRICITY SUPPLIED	863.0	0.8%	-7.0%		1 790.9	1 830.6	-2.2%	10 581.7	
- Used for pumped storage ⁴	6.8	10.8%	-1.7%		13.8	13.1	4.7%	84.1	
- T&D Losses ⁴	49.9	8.5%	-8.5%		104.4	103.9	0.4%	610.8	
= ELECTRICITY CONSUMED	806.3	0.2%	-6.9%		1 672.8	1 713.5	-2.4%	9 886.9	

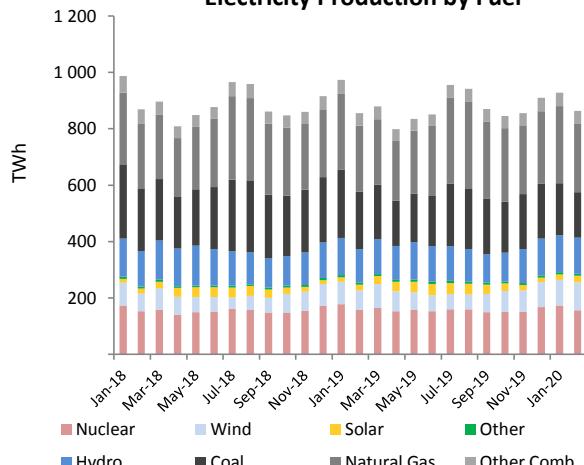
¹ current month to month of last year change⁴ estimated for certain countries² month-to-month change⁵ the breakdown of conventional thermal is estimated from annual data for³ year-to-date compared to same period last year

Canada, Estonia and Italy

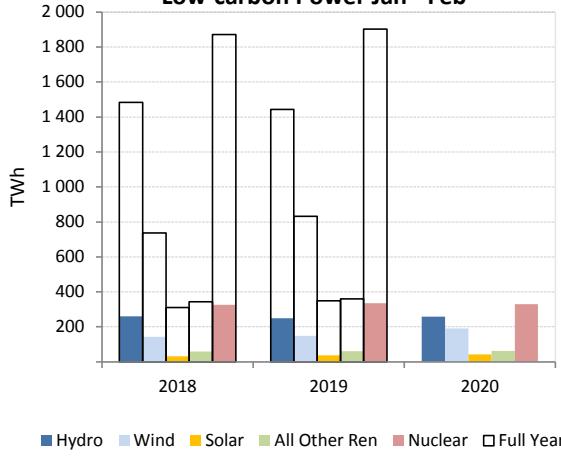
Electricity Production



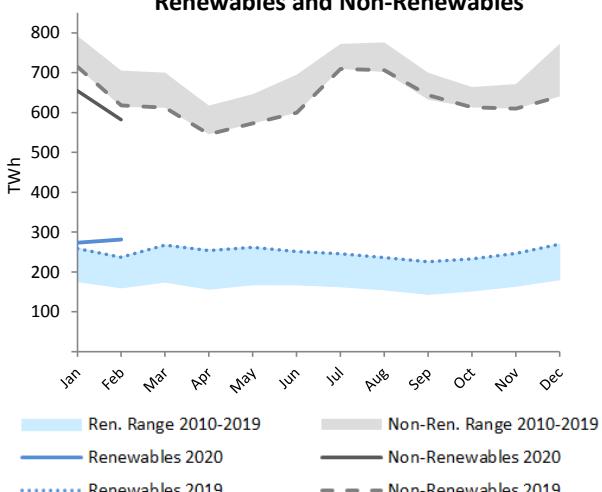
Electricity Production by Fuel



Low-carbon Power Jan - Feb

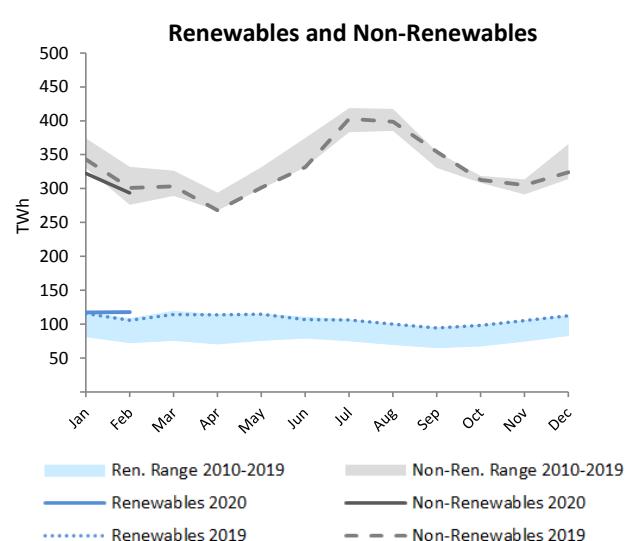
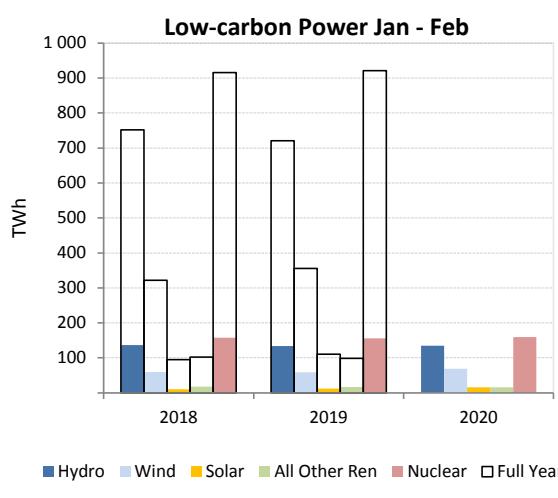
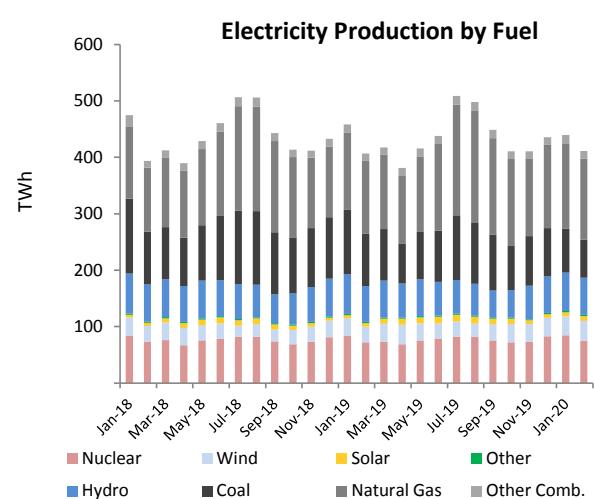
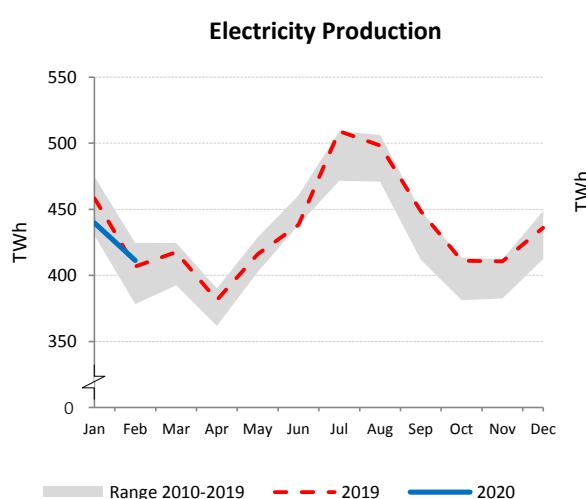


Renewables and Non-Renewables



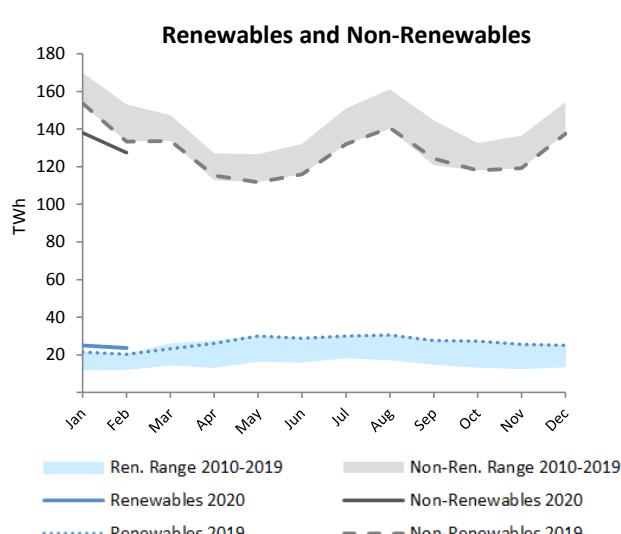
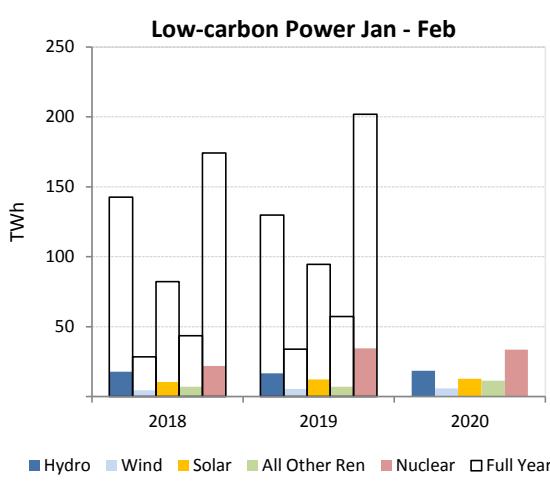
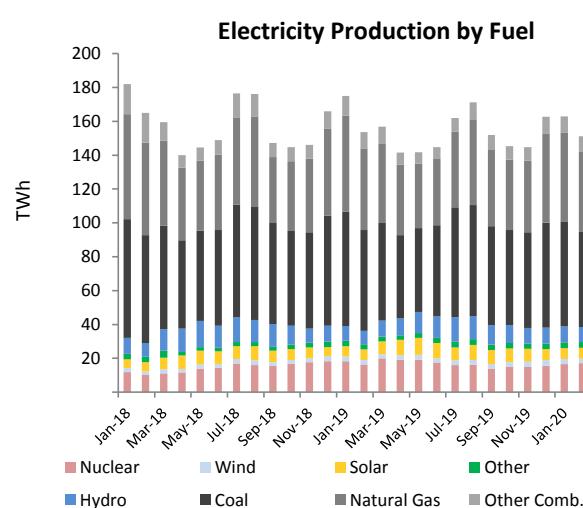
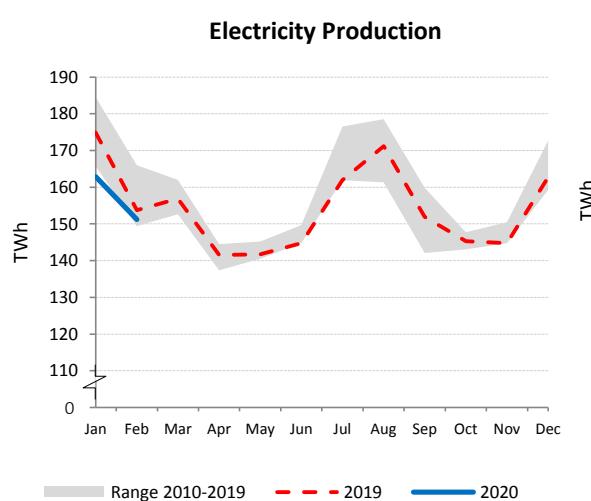
OECD Americas

	Feb 2020				Year-to-Date			2019	
	TWh	change ¹	change ²	share	2020	2019	change ³	TWh	share
CONVENTIONAL THERMAL	224.4	-4.3%	-8.0%	54.6%	468.1	499.9	-6.4%	3 096.1	59.2%
Coal ⁵	67.6	-26.9%	-12.7%	16.4%	145.1	206.8	-29.8%	1 116.7	21.3%
Oil ⁵	6.4	9.4%	-8.2%	1.6%	13.4	12.4	8.1%	80.0	1.5%
Natural Gas ⁵	143.3	11.1%	-5.6%	34.9%	295.1	265.8	11.0%	1 811.8	34.6%
Combustible Renewables ⁵	6.2	-2.8%	-6.2%	1.5%	12.8	13.3	-3.7%	77.7	1.5%
Other Combustibles ⁵	0.8	10.2%	-9.5%	0.2%	1.7	1.5	8.3%	9.8	0.2%
Nuclear	75.0	3.5%	-11.5%	18.2%	159.7	156.1	2.3%	921.5	17.6%
Hydro	66.1	3.7%	-3.2%	16.1%	134.4	134.1	0.2%	720.9	13.8%
Wind	35.0	26.3%	4.3%	8.5%	68.5	58.6	17.0%	356.1	6.8%
Solar	8.9	44.0%	21.4%	2.2%	16.1	11.9	35.6%	110.8	2.1%
Geothermal	1.5	-12.5%	-6.3%	0.4%	3.2	3.6	-11.9%	21.1	0.4%
Other Renewables	-	-	-	-	-	0.0	-	0.0	0.0%
Non-Specified	0.3	-10.7%	-13.8%	0.1%	0.7	0.8	-17.7%	4.9	0.1%
RENEWABLES	117.7	11.3%	0.2%	28.6%	235.0	221.4	6.1%	1 286.7	24.6%
NON-RENEWABLES	293.5	-2.5%	-8.9%	71.4%	615.8	643.6	-4.3%	3 944.8	75.4%
TOTAL NET PRODUCTION	411.2	1.1%	-6.5%		850.8	865.0	-1.6%	5 231.5	
+ Imports	5.2	3.4%	-6.6%		10.7	11.4	-5.5%	69.9	
- Exports	6.1	6.3%	0.1%		12.1	11.6	4.2%	73.2	
= ELECTRICITY SUPPLIED	410.3	1.1%	-6.6%		849.4	864.7	-1.8%	5 228.2	
- Used for pumped storage ⁴	1.7	-5.4%	-12.6%		3.7	3.7	-1.6%	26.2	
- T&D Losses ⁴	21.4	15.3%	-7.6%		44.5	44.3	0.4%	287.8	
= ELECTRICITY CONSUMED	387.2	0.4%	-6.5%		801.3	816.7	-1.9%	4 914.2	

¹ current month to month of last year change⁴ estimated for certain countries² month-to-month change⁵ the breakdown of conventional thermal is estimated from annual data for Canada³ year-to-date compared to same period last year

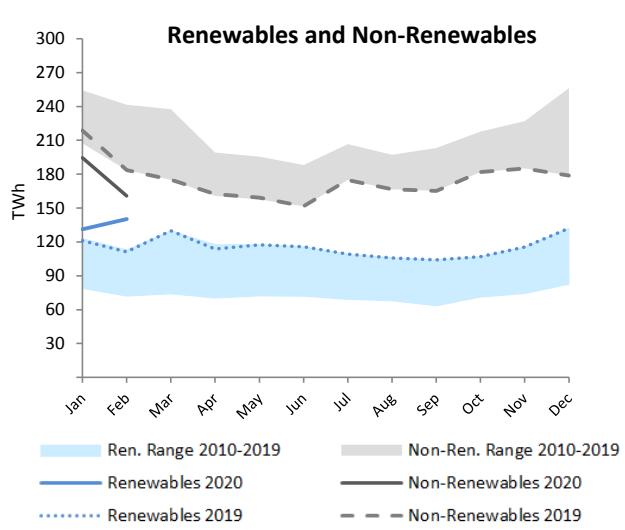
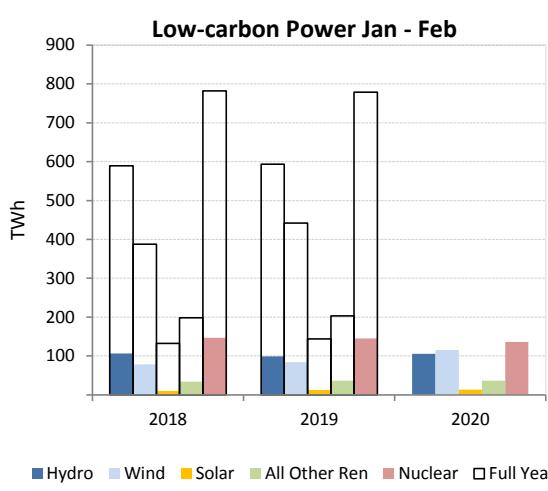
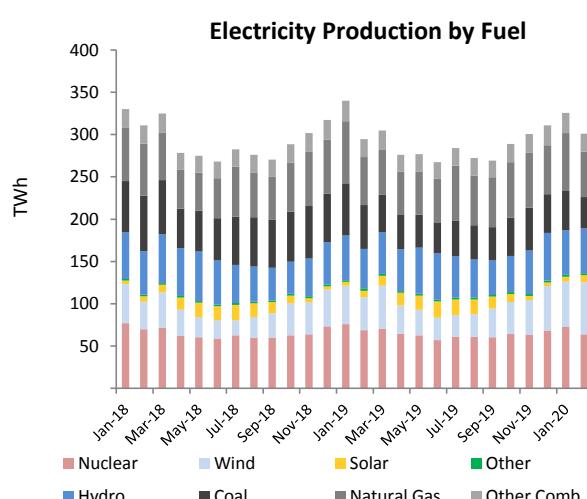
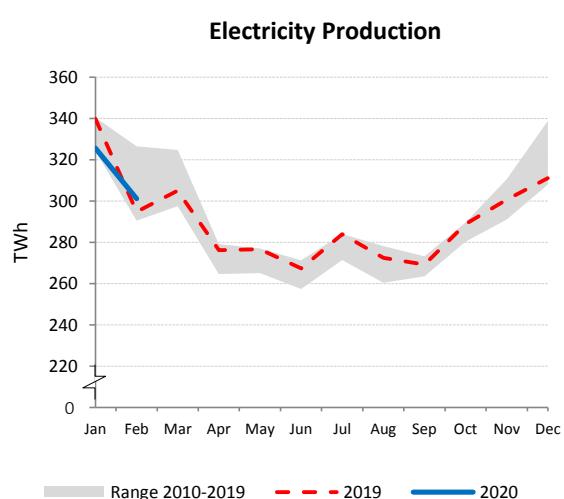
OECD Asia Oceania

	Feb 2020				Year-to-Date			2019	
	TWh	change ¹	change ²	share	2020	2019	change ³	TWh	share
CONVENTIONAL THERMAL	112.7	-4.0%	-9.1%	74.5%	236.7	253.3	-6.6%	1 353.5	73.1%
Coal	56.1	-5.8%	-9.4%	37.1%	118.0	126.9	-7.0%	701.2	37.9%
Oil	4.5	-17.2%	6.1%	3.0%	8.8	12.4	-28.7%	51.7	2.8%
Natural Gas	47.3	-1.8%	-10.1%	31.3%	100.0	105.0	-4.8%	547.6	29.6%
Combustible Renewables	4.6	77.1%	-8.0%	3.1%	9.7	5.5	75.1%	46.9	2.5%
Other Combustibles	0.1	-95.8%	-12.5%	0.0%	0.1	3.4	-95.8%	6.0	0.3%
Nuclear	17.1	4.0%	3.5%	11.3%	33.5	34.6	-3.0%	202.0	10.9%
Hydro	9.0	12.0%	-5.1%	5.9%	18.5	16.7	10.3%	129.9	7.0%
Wind	2.8	6.3%	-11.9%	1.9%	6.0	5.5	9.3%	33.8	1.8%
Solar	6.4	2.4%	-0.2%	4.2%	12.8	12.4	3.7%	94.6	5.1%
Geothermal	0.8	3.0%	-4.7%	0.5%	1.6	1.5	0.8%	9.8	0.5%
Other Renewables	0.0	-	-	0.0%	0.1	0.1	-	0.5	0.0%
Non-Specified	2.4	11.6%	-2.3%	1.6%	4.9	4.6	7.9%	27.2	1.5%
RENEWABLES	23.7	16.4%	-5.3%	15.6%	48.6	41.8	16.4%	315.6	17.0%
NON-RENEWABLES	127.5	-4.4%	-7.5%	84.4%	265.5	286.9	-7.5%	1 535.7	83.0%
TOTAL NET PRODUCTION	151.2	-1.6%	-7.2%		314.1	328.7	-4.4%	1 851.3	
+ Imports	-	-	-		-	-	-	-	
- Exports	-	-	-		-	-	-	-	
= ELECTRICITY SUPPLIED	151.2	-1.6%	-7.2%		314.1	328.7	-4.4%	1 851.3	
- Used for pumped storage ⁴	1.3	0.6%	-5.4%		2.8	2.8	-3.5%	16.8	
- T&D Losses ⁴	6.2	-0.8%	-8.0%		12.9	13.3	-2.9%	79.6	
= ELECTRICITY CONSUMED	143.7	-1.7%	-7.2%		298.4	312.6	-4.5%	1 754.9	

¹ current month to month of last year change⁴ estimated for certain countries² month-to-month change³ year-to-date compared to same period last year

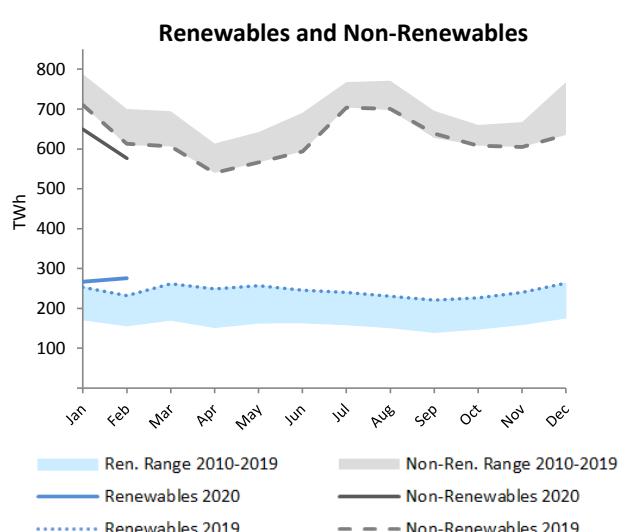
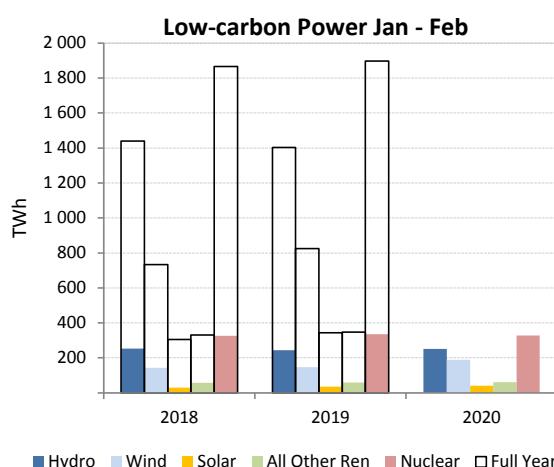
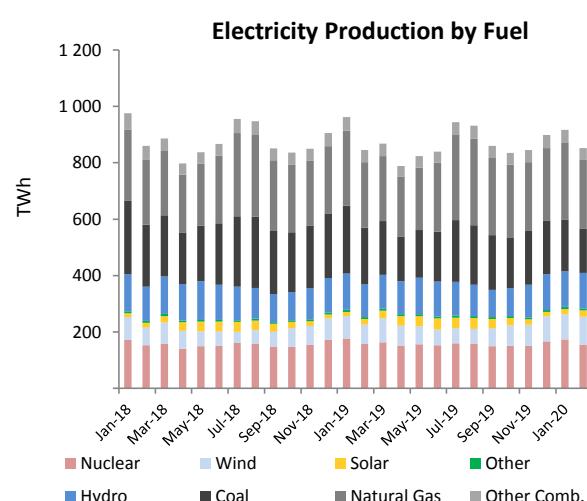
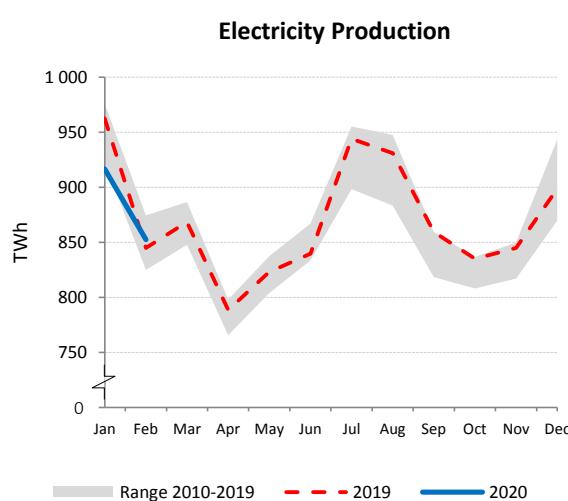
OECD Europe

	Feb 2020				Year-to-Date			2019	
	TWh	change ¹	change ²	share	2020	2019	change ³	TWh	share
CONVENTIONAL THERMAL	111.9	-13.7%	-19.3%	37.2%	250.6	289.0	-13.3%	1 502.2	43.1%
Coal ⁵	36.9	-28.5%	-20.3%	12.3%	83.3	113.4	-26.5%	537.7	15.4%
Oil ⁵	3.7	-0.2%	-9.9%	1.2%	7.8	8.2	-5.0%	47.4	1.4%
Natural Gas ⁵	53.7	-5.4%	-21.9%	17.8%	122.4	130.2	-6.0%	707.5	20.3%
Combustible Renewables ⁵	15.4	0.9%	-9.6%	5.1%	32.5	32.4	0.3%	182.7	5.2%
Other Combustibles ⁵	2.2	-2.5%	-7.7%	0.7%	4.6	4.8	-4.8%	27.0	0.8%
Nuclear	63.9	-7.1%	-11.7%	21.2%	136.4	144.8	-5.9%	778.4	22.3%
Hydro	53.2	14.0%	0.7%	17.7%	106.0	99.3	6.7%	593.3	17.0%
Wind	61.7	59.0%	14.4%	20.5%	115.5	84.1	37.5%	442.0	12.7%
Solar	8.2	4.5%	49.9%	2.7%	13.7	12.3	11.5%	144.2	4.1%
Geothermal	1.7	-30.3%	-7.1%	0.6%	3.5	4.1	-15.4%	20.2	0.6%
Other Renewables	0.0	-	-	0.0%	0.1	0.1	-	0.5	0.0%
Non-Specified	0.4	-3.3%	-1.2%	0.1%	0.8	0.8	-2.1%	5.2	0.1%
RENEWABLES	140.2	26.3%	7.0%	46.6%	271.4	232.3	16.8%	1 383.0	39.7%
NON-RENEWABLES	160.8	-12.4%	-17.3%	53.4%	355.3	402.3	-11.7%	2 103.1	60.3%
TOTAL NET PRODUCTION	301.1	2.2%	-7.5%		626.6	634.6	-1.3%	3 486.1	
+ Imports	37.3	5.7%	-6.4%		77.1	73.2	5.3%	417.9	
- Exports	36.8	11.2%	-6.6%		76.3	70.6	8.0%	401.7	
= ELECTRICITY SUPPLIED	301.5	1.6%	-7.5%		627.4	637.2	-1.5%	3 502.2	
- Used for pumped storage ⁴	3.8	25.1%	5.7%		7.3	6.6	11.9%	41.1	
- T&D Losses ⁴	22.3	5.3%	-9.5%		47.0	46.4	1.4%	243.3	
= ELECTRICITY CONSUMED	275.4	1.0%	-7.5%		573.1	584.2	-1.9%	3 217.8	

¹ current month to month of last year change⁴ estimated for certain countries² month-to-month change⁵ the breakdown of conventional thermal is estimated from annual data for Estonia and Italy³ year-to-date compared to same period last year

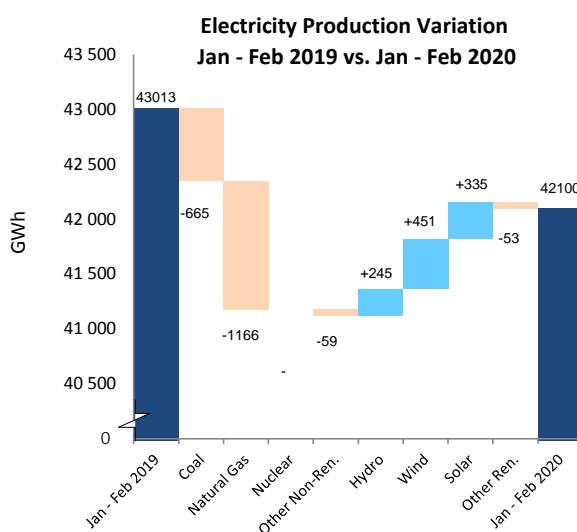
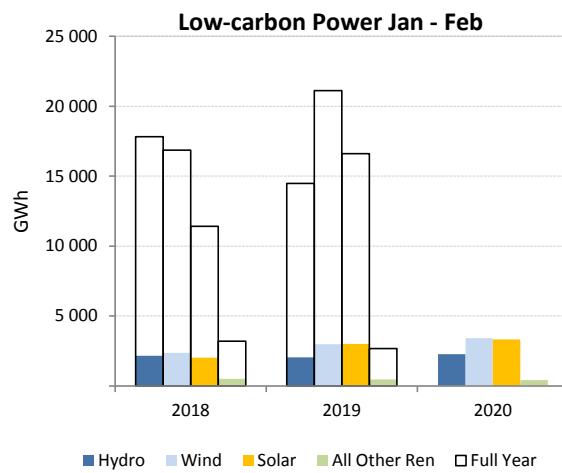
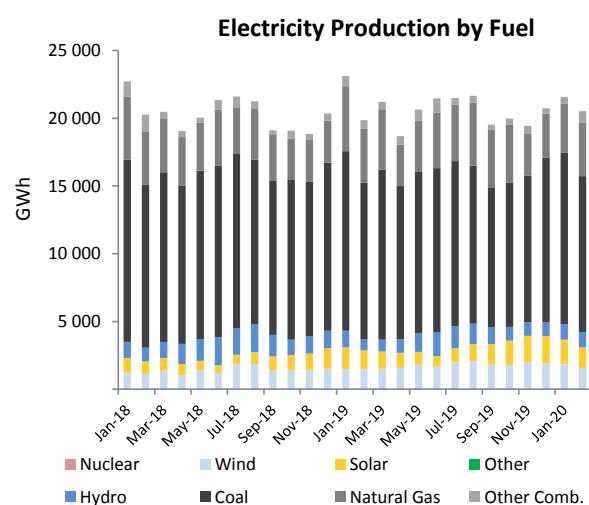
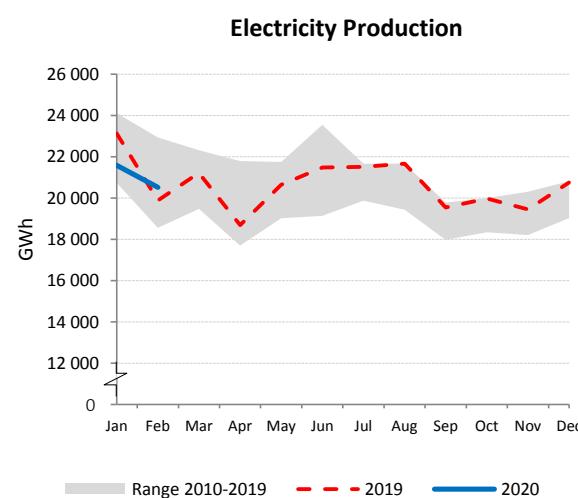
IEA Total

	Feb 2020				Year-to-Date			2019	
	TWh	change ¹	change ²	share	2020	2019	change ³	TWh	share
CONVENTIONAL THERMAL	443.6	-6.9%	-11.5%	52.0%	944.8	1 032.2	-8.5%	5 887.7	56.4%
Coal ⁵	158.1	-21.4%	-13.7%	18.6%	341.4	441.9	-22.7%	2 323.1	22.3%
Oil ⁵	14.0	-5.3%	-6.1%	1.6%	28.9	32.7	-11.4%	173.0	1.7%
Natural Gas ⁵	242.7	4.5%	-10.6%	28.5%	514.2	497.6	3.3%	3 047.6	29.2%
Combustible Renewables ⁵	25.7	8.1%	-8.8%	3.0%	53.9	50.2	7.3%	301.2	2.9%
Other Combustibles ⁵	3.1	-33.2%	-8.3%	0.4%	6.4	9.8	-34.6%	42.8	0.4%
Nuclear	155.5	-1.1%	-10.2%	18.2%	328.6	334.6	-1.8%	1 896.4	18.2%
Hydro	125.0	8.4%	-1.4%	14.7%	251.7	243.5	3.4%	1 403.5	13.4%
Wind	98.8	43.9%	9.8%	11.6%	188.8	147.2	28.3%	825.2	7.9%
Solar	22.9	15.6%	23.4%	2.7%	41.4	35.5	16.6%	343.1	3.3%
Geothermal	3.5	-21.4%	-6.3%	0.4%	7.2	8.3	-13.0%	45.2	0.4%
Other Renewables	0.1	-	-	0.0%	0.2	0.2	-0.6%	1.0	0.0%
Non-Specified	3.2	6.8%	-3.4%	0.4%	6.4	6.2	3.2%	37.3	0.4%
RENEWABLES	275.9	18.9%	3.3%	32.4%	543.1	484.8	12.0%	2 919.2	28.0%
NON-RENEWABLES	576.5	-5.9%	-11.2%	67.6%	1 226.0	1 322.8	-7.3%	7 520.2	72.0%
TOTAL NET PRODUCTION	852.5	0.9%	-7.0%		1 769.1	1 807.5	-2.1%	10 439.4	
+ Imports	40.3	5.6%	-6.5%		83.3	79.9	4.4%	460.8	
- Exports	41.6	10.8%	-5.8%		85.7	79.6	7.8%	458.0	
= ELECTRICITY SUPPLIED	851.1	0.7%	-7.0%		1 766.7	1 807.8	-2.3%	10 442.2	
- Used for pumped storage ⁴	6.7	9.1%	-2.2%		13.5	13.1	3.6%	83.0	
- T&D Losses ⁴	49.4	8.6%	-8.4%		103.3	102.8	0.5%	604.8	
= ELECTRICITY CONSUMED	795.1	0.1%	-7.0%		1 649.9	1 692.0	-2.5%	9 754.4	

¹ current month to month of last year change⁴ estimated for certain countries² month-to-month change⁵ the breakdown of conventional thermal is estimated from annual data for Canada, Estonia, and Italy³ year-to-date compared to same period last year

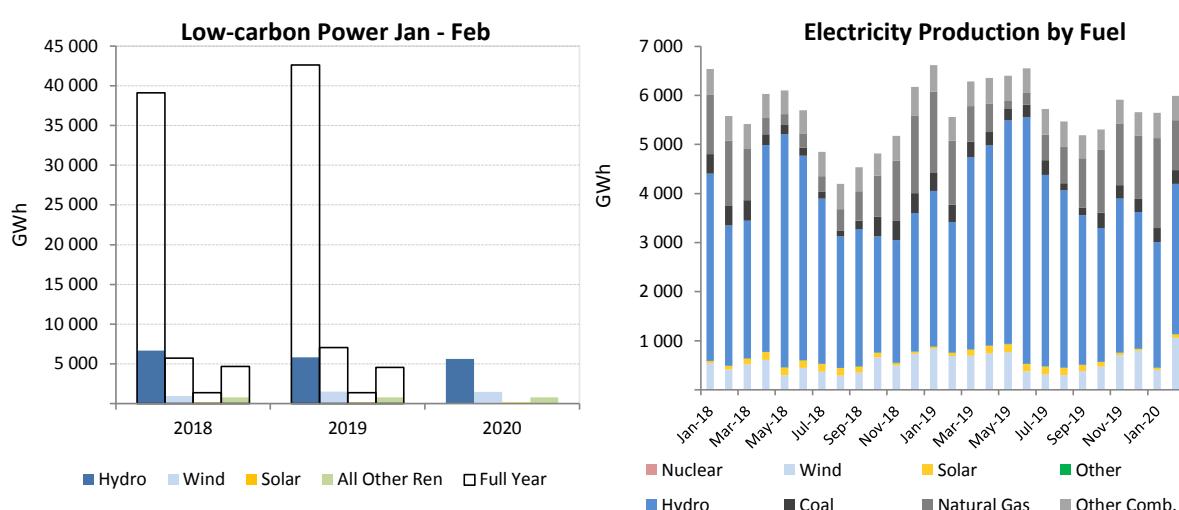
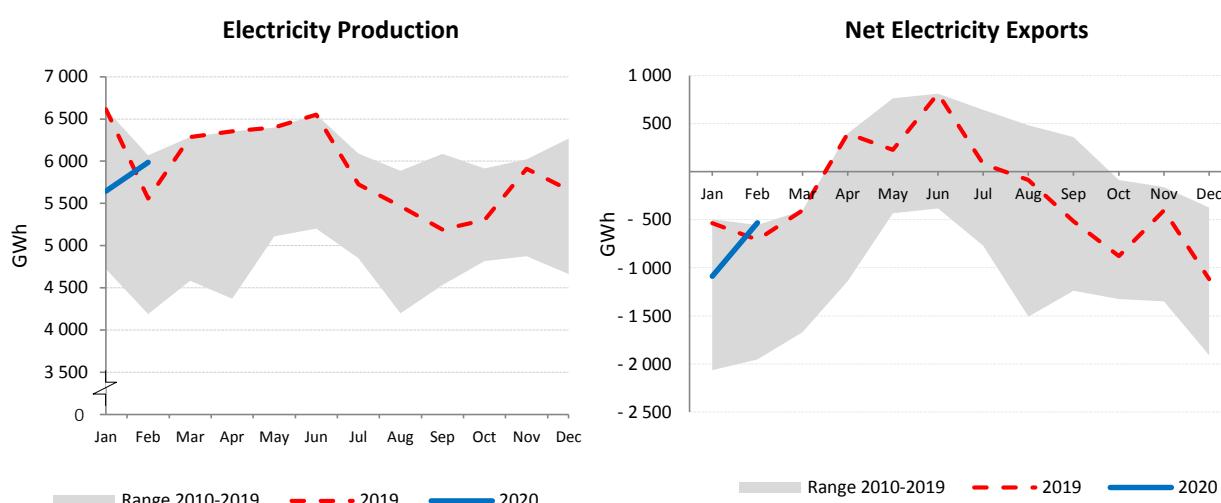
AUSTRALIA

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	16 307	0.7%	-2.7%	79.5%	33 069	35 012	-5.5%	195 697	78.9%
Coal	11 527	-0.3%	-8.8%	56.2%	24 162	24 827	-2.7%	140 583	56.7%
Oil	617	48.7%	133.1%	3.0%	881	940	-6.2%	4 547	1.8%
Natural Gas	3 961	-1.0%	8.4%	19.3%	7 615	8 781	-13.3%	47 888	19.3%
Combustible Renewables	202	-7.8%	-3.2%	1.0%	411	464	-11.5%	2 678	1.1%
Other Combustibles	-	-	-	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-	-	-	-
Hydro	1 125	41.0%	-2.3%	5.5%	2 277	2 033	12.0%	14 478	5.8%
Wind	1 582	5.5%	-14.1%	7.7%	3 424	2 973	15.2%	21 128	8.5%
Solar	1 507	8.8%	-17.3%	7.3%	3 330	2 995	11.2%	16 609	6.7%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	4 417	13.2%	-12.1%	21.5%	9 442	8 465	11.5%	54 894	22.1%
NON-RENEWABLES	16 105	0.8%	-2.7%	78.5%	32 658	34 548	-5.5%	193 018	77.9%
TOTAL NET PRODUCTION	20 521	3.2%	-4.9%		42 100	43 013	-2.1%	247 912	
+ Imports	-	-	-		-	-	-	-	
- Exports	-	-	-		-	-	-	-	
= ELECTRICITY SUPPLIED	20 521	3.2%	-4.9%		42 100	43 013	-2.1%	247 912	
- Used for pumped storage ⁴	23	41.0%	-2.3%		46	41	12.0%	287	
- T&D Losses ⁴	918	2.8%	-6.9%		1 903	1 927	-1.2%	12 141	
= ELECTRICITY CONSUMED	19 581	3.2%	-4.8%		40 151	41 045	-2.2%	235 484	

¹ current month to month of last year change⁴ estimated² month-to-month change³ year-to-date compared to same period last year

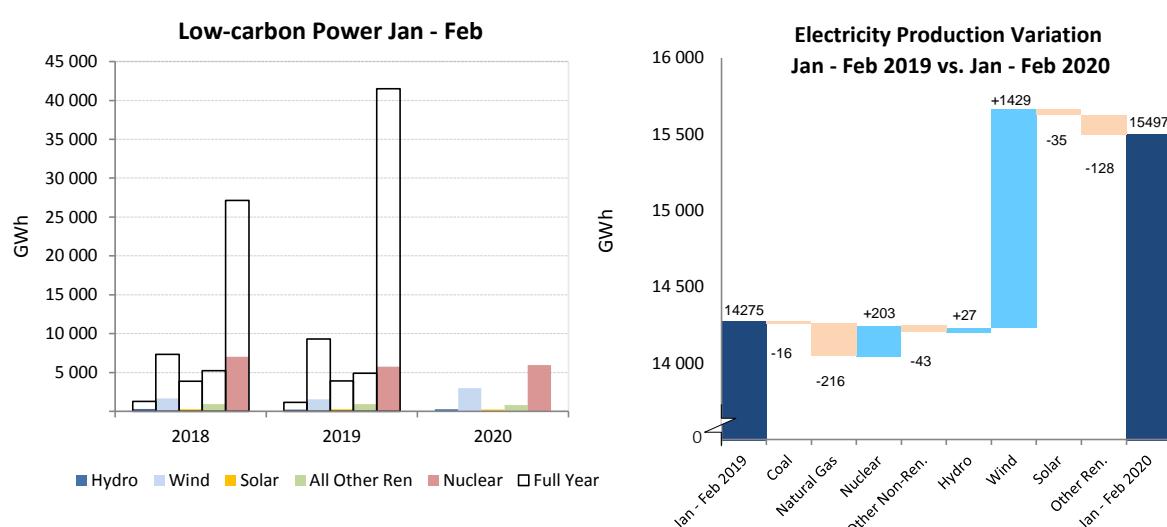
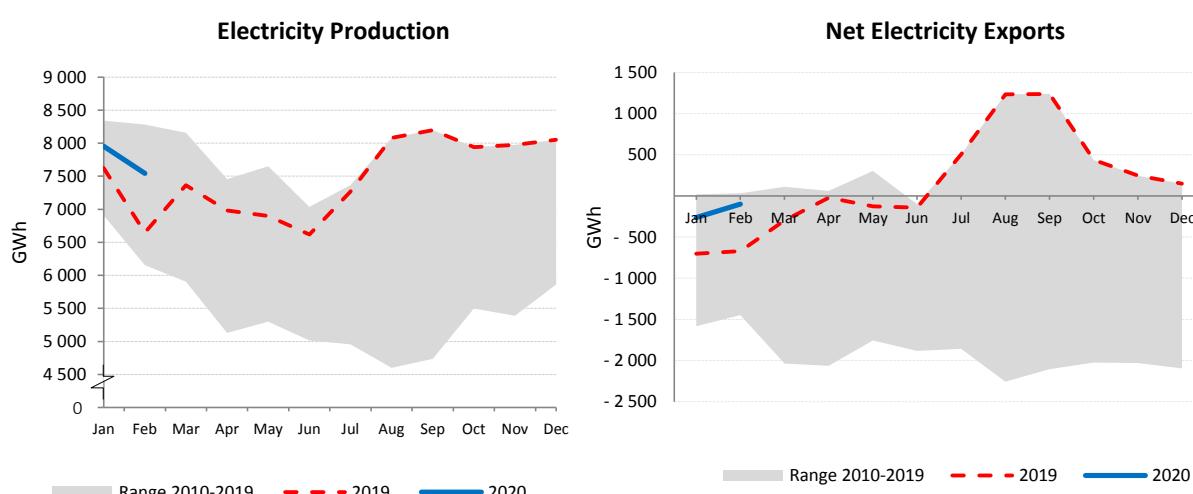
AUSTRIA

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	1 795	-16.1%	-32.0%	30.0%	4 432	4 703	-5.8%	19 957	28.1%
Coal	283	-19.7%	-1.1%	4.7%	569	717	-20.6%	3 254	4.6%
Oil	59	3.0%	3.7%	1.0%	116	122	-5.4%	657	0.9%
Natural Gas	1 016	-22.2%	-44.7%	17.0%	2 852	2 966	-3.8%	10 768	15.2%
Combustible Renewables	386	6.0%	-4.2%	6.4%	788	768	2.6%	4 546	6.4%
Other Combustibles	51	-15.6%	-8.5%	0.9%	107	130	-17.9%	733	1.0%
Nuclear	-	-	-	-	-	-	-	-	-
Hydro	3 058	15.1%	19.7%	51.1%	5 613	5 825	-3.6%	42 617	60.0%
Wind	1 058	54.4%	160.2%	17.7%	1 465	1 521	-3.7%	7 065	9.9%
Solar ⁴	76	-	63.8%	1.3%	122	122	-	1 365	1.9%
Geothermal	0	-	-	0.0%	0	0	-	0	0.0%
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	1	20.9%	18.8%	0.0%	2	2	5.5%	12	0.0%
RENEWABLES	4 578	21.1%	34.2%	76.5%	7 988	8 236	-3.0%	55 593	78.3%
NON-RENEWABLES	1 410	-20.6%	-36.9%	23.5%	3 646	3 937	-7.4%	15 423	21.7%
TOTAL NET PRODUCTION	5 988	7.7%	6.1%		11 634	12 173	-4.4%	71 016	
+ Imports	2 607	-0.1%	-14.4%		5 654	5 526	2.3%	26 047	
- Exports	2 075	9.2%	6.1%		4 032	4 283	-5.9%	22 918	
= ELECTRICITY SUPPLIED	6 520	4.0%	-3.2%		13 256	13 416	-1.2%	74 145	
- Used for pumped storage	444	26.8%	27.8%		791	799	-1.0%	4 843	
- T&D Losses	320	8.9%	-6.7%		662	655	1.2%	3 424	
= ELECTRICITY CONSUMED	5 757	2.4%	-4.8%		11 803	11 963	-1.3%	65 878	

¹ current month to month of last year change⁴ estimated by the IEA secretariat² month-to-month change³ year-to-date compared to same period last year

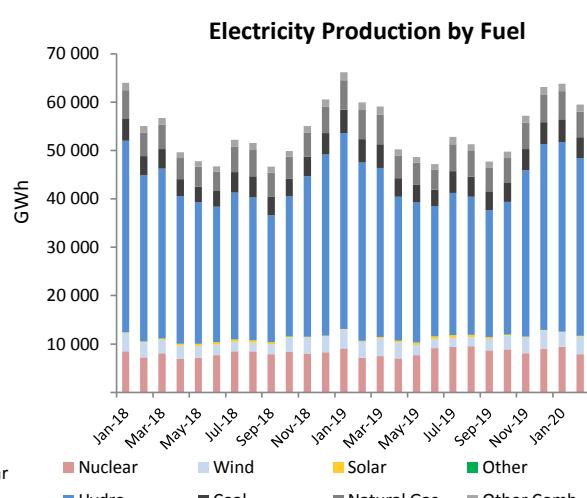
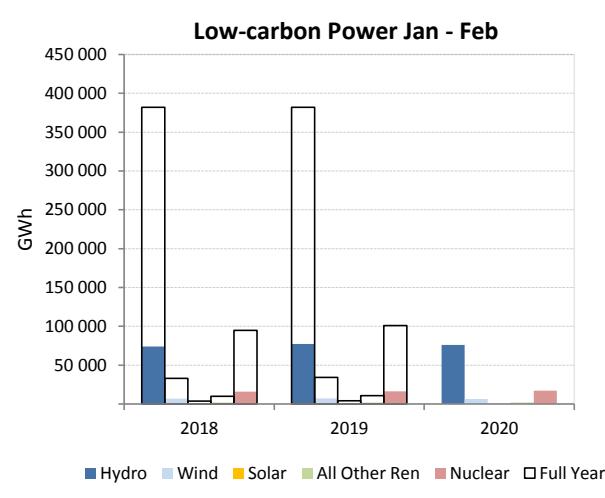
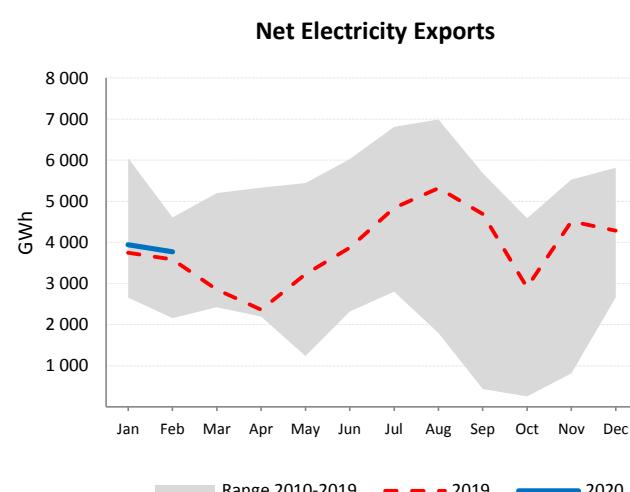
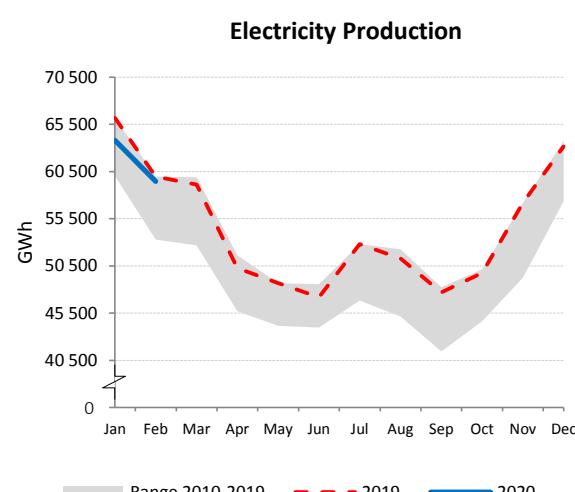
BELGIUM

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	2 624	-5.4%	-22.3%	34.8%	6 000	6 385	-6.0%	33 351	37.2%
Coal	184	-3.3%	-5.9%	2.4%	379	394	-3.9%	2 425	2.7%
Oil	1	-48.7%	4.8%	0.0%	3	8	-67.4%	27	0.0%
Natural Gas	2 041	-0.5%	-21.0%	27.1%	4 625	4 841	-4.5%	24 641	27.5%
Combustible Renewables	295	-29.5%	-40.0%	3.9%	785	914	-14.1%	4 912	5.5%
Other Combustibles	104	-7.8%	-0.8%	1.4%	208	228	-8.7%	1 346	1.5%
Nuclear	2 869	1.8%	-6.5%	38.0%	5 939	5 736	3.5%	41 507	46.3%
Hydro	130	22.9%	-7.8%	1.7%	270	243	11.3%	1 148	1.3%
Wind	1 737	146.4%	38.7%	23.0%	2 989	1 559	91.7%	9 320	10.4%
Solar	153	-27.6%	69.8%	2.0%	243	279	-12.7%	3 919	4.4%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	29	-17.2%	6.8%	0.4%	56	73	-23.5%	405	0.5%
RENEWABLES	2 314	60.7%	17.2%	30.7%	4 288	2 994	43.2%	19 299	21.5%
NON-RENEWABLES	5 228	0.4%	-12.6%	69.3%	11 210	11 281	-0.6%	70 350	78.5%
TOTAL NET PRODUCTION	7 541	13.4%	-5.2%		15 497	14 275	8.6%	89 649	
+ Imports	974	-38.0%	-19.7%		2 186	3 095	-29.4%	12 734	
- Exports	873	-2.8%	-8.2%		1 825	1 721	6.0%	14 589	
= ELECTRICITY SUPPLIED	7 642	4.4%	-7.0%		15 859	15 649	1.3%	87 794	
- Used for pumped storage	120	28.8%	-5.0%		246	211	16.5%	1 162	
- T&D Losses	326	4.3%	-6.9%		676	668	1.2%	3 743	
= ELECTRICITY CONSUMED	7 196	4.1%	-7.0%		14 936	14 770	1.1%	82 889	

¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year

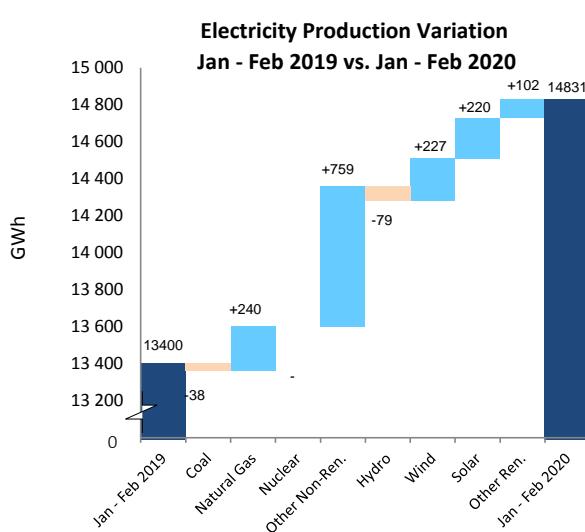
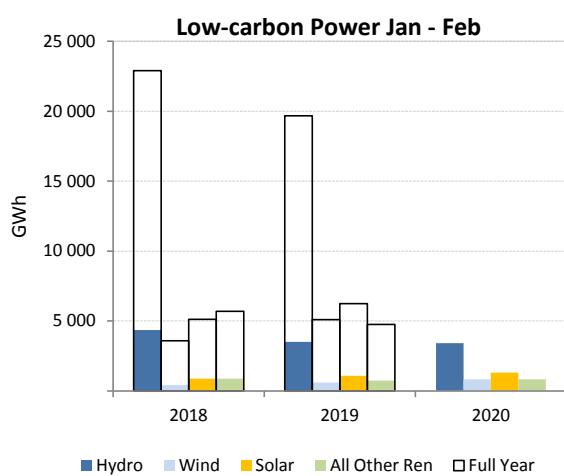
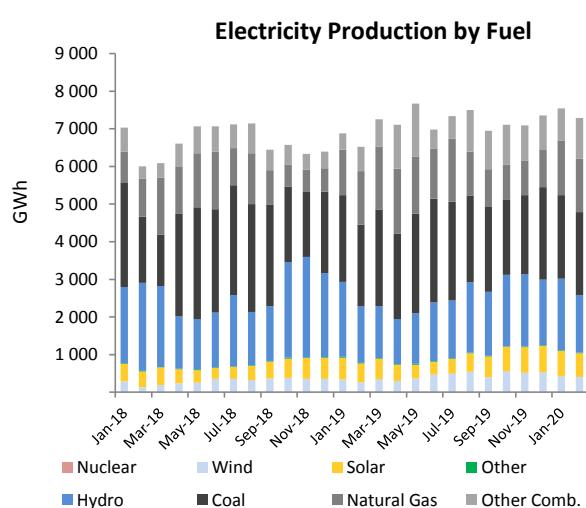
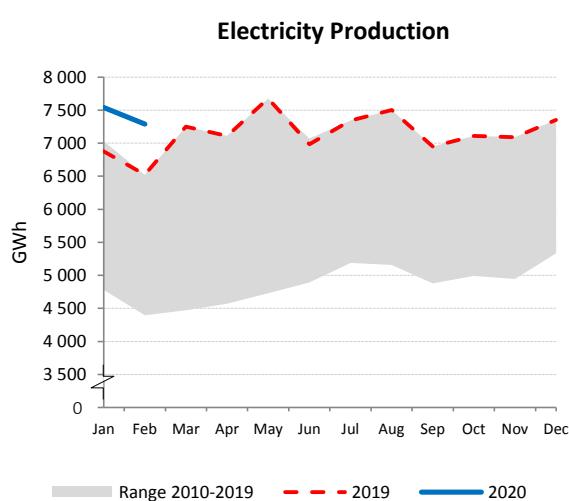
CANADA

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	10 995	-11.5%	-8.5%	18.5%	23 014	24 979	-7.9%	131 545	20.1%
Coal ⁴	4 257	-11.5%	-8.5%	7.2%	8 910	9 672	-7.9%	50 931	7.8%
Oil ⁴	515	-11.5%	-8.5%	0.9%	1 077	1 169	-7.9%	6 159	0.9%
Natural Gas ⁴	5 317	-11.5%	-8.5%	8.9%	11 129	12 080	-7.9%	63 615	9.7%
Combustible Renewables ⁴	898	-11.5%	-8.5%	1.5%	1 880	2 041	-7.9%	10 746	1.6%
Other Combustibles ⁴	8	-11.5%	-8.5%	0.0%	16	18	-7.9%	94	0.0%
Nuclear	7 884	10.0%	-16.4%	13.3%	17 316	16 227	6.7%	101 190	15.5%
Hydro	36 725	-0.4%	-6.4%	61.8%	75 957	77 371	-1.8%	381 909	58.5%
Wind	3 651	11.5%	22.2%	6.1%	6 638	7 165	-7.4%	34 178	5.2%
Solar	203	16.2%	69.6%	0.3%	322	322	0.1%	4 207	0.6%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	1	-	1	0.0%
Non-Specified	12	-36.0%	-6.8%	0.0%	25	39	-35.8%	171	0.0%
RENEWABLES	41 476	0.3%	-4.3%	69.7%	84 797	86 900	-2.4%	431 041	66.0%
NON-RENEWABLES	17 993	-3.2%	-12.1%	30.3%	38 474	39 204	-1.9%	222 160	34.0%
TOTAL NET PRODUCTION	59 469	-0.8%	-6.8%		123 271	126 104	-2.2%	653 200	
+ Imports	1 125	21.6%	4.9%		2 197	2 091	5.1%	13 822	
- Exports	4 902	8.7%	-2.3%		9 921	9 424	5.3%	60 037	
= ELECTRICITY SUPPLIED	55 692	-1.2%	-7.0%		115 547	118 771	-2.7%	606 985	
- Used for pumped storage ⁴	20	-0.4%	-6.4%		42	43	-1.8%	210	
- T&D Losses ⁴	3 250	-0.5%	-6.6%		6 729	6 876	-2.1%	35 775	
= ELECTRICITY CONSUMED	52 422	-1.2%	-7.0%		108 776	111 853	-2.8%	571 000	

¹ current month to month of last year change⁴ estimated from annual data² month-to-month change³ year-to-date compared to same period last year

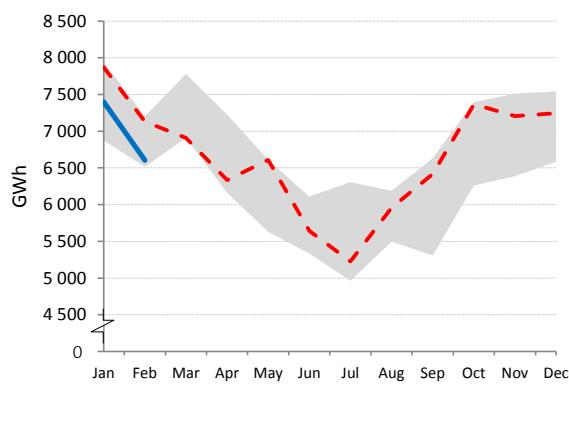
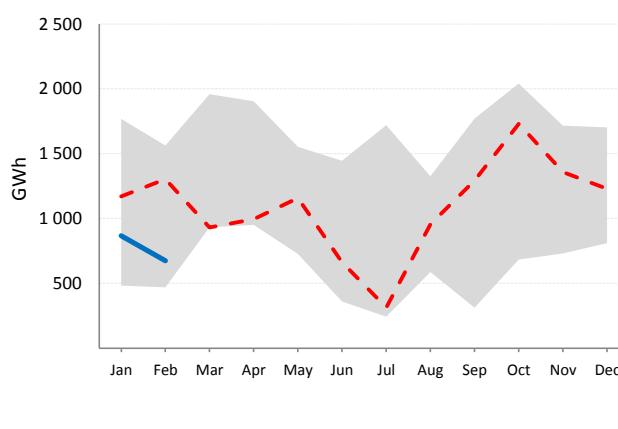
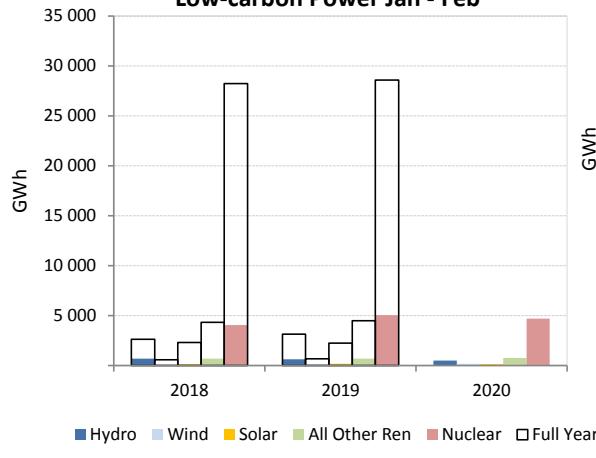
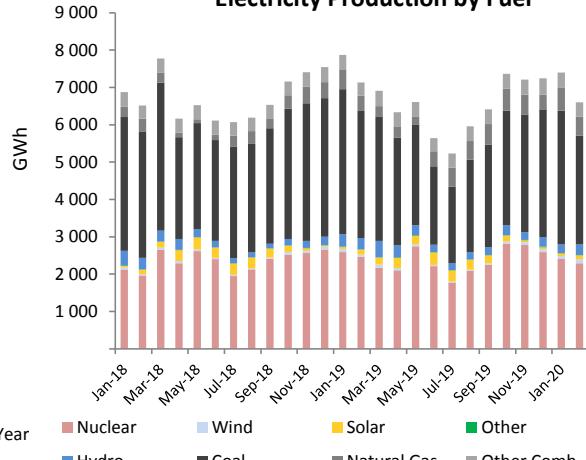
CHILE

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	4 715	11.4%	4.3%	64.7%	9 237	8 178	12.9%	54 552	63.6%
Coal	2 213	2.2%	-0.3%	30.4%	4 433	4 472	-0.9%	28 437	33.2%
Oil	661	132.8%	41.4%	9.1%	1 128	369	205.9%	5 977	7.0%
Natural Gas	1 422	0.0%	-2.0%	19.5%	2 873	2 633	9.1%	15 594	18.2%
Combustible Renewables	419	16.2%	9.3%	5.7%	803	705	13.9%	4 544	5.3%
Other Combustibles	-	-	-	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-	-	-	-
Hydro	1 521	0.7%	-20.2%	20.9%	3 426	3 505	-2.3%	19 680	22.9%
Wind	407	55.1%	-3.8%	5.6%	830	603	37.7%	5 086	5.9%
Solar	628	25.4%	-6.6%	8.6%	1 300	1 080	20.4%	6 253	7.3%
Geothermal	19	21.7%	6.0%	0.3%	38	34	11.6%	201	0.2%
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	2 995	13.0%	-12.0%	41.1%	6 397	5 927	7.9%	35 764	41.7%
NON-RENEWABLES	4 296	11.0%	3.8%	58.9%	8 434	7 473	12.9%	50 008	58.3%
TOTAL NET PRODUCTION	7 291	11.8%	-3.3%		14 831	13 400	10.7%	85 772	
+ Imports	-	-	-		-	-	-	-	-
- Exports	-	-	-		-	-	-	-	-
= ELECTRICITY SUPPLIED	7 291	11.8%	-3.3%		14 831	13 400	10.7%	85 772	
- Used for pumped storage	-	-	-		-	-	-	-	-
- T&D Losses	249	-10.1%	-6.3%		515	581	-11.4%	3 216	
= ELECTRICITY CONSUMED	7 042	12.8%	-3.2%		14 317	12 819	11.7%	82 555	

¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year

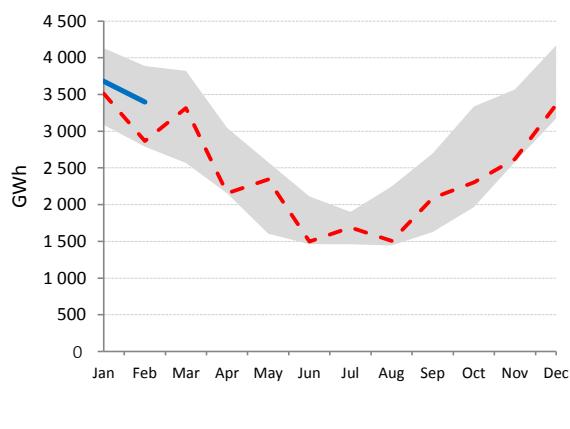
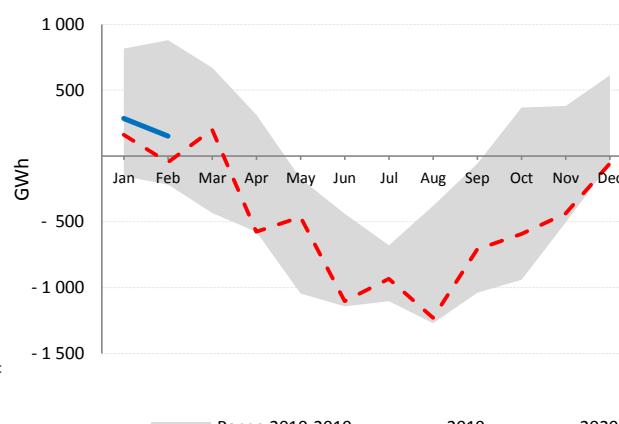
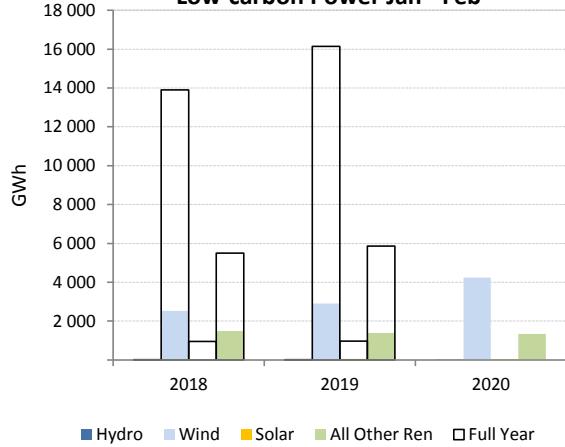
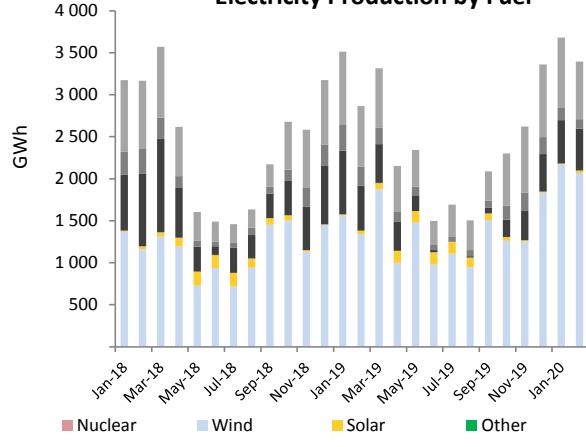
CZECH REPUBLIC

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	3 807	-8.7%	-17.4%	57.6%	8 416	8 975	-6.2%	45 121	56.5%
Coal	2 909	-14.6%	-19.0%	44.0%	6 498	7 287	-10.8%	35 245	44.1%
Oil	8	16.7%	8.4%	0.1%	16	15	10.5%	106	0.1%
Natural Gas	513	25.2%	-14.8%	7.8%	1 116	947	17.9%	5 191	6.5%
Combustible Renewables	367	8.3%	-8.6%	5.6%	769	713	7.9%	4 502	5.6%
Other Combustibles	9	15.5%	9.2%	0.1%	16	14	19.8%	77	0.1%
Nuclear	2 292	-6.8%	-5.2%	34.7%	4 710	5 053	-6.8%	28 579	35.8%
Hydro	282	-3.9%	22.8%	4.3%	512	625	-18.1%	3 145	3.9%
Wind	113	78.3%	54.7%	1.7%	186	143	30.2%	691	0.9%
Solar	100	-26.7%	65.7%	1.5%	161	188	-14.8%	2 263	2.8%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	10	0.0%	-6.6%	0.2%	22	22	-0.4%	124	0.2%
RENEWABLES	863	3.6%	12.8%	13.1%	1 628	1 670	-2.5%	10 600	13.3%
NON-RENEWABLES	5 741	-8.8%	-13.5%	86.9%	12 378	13 336	-7.2%	69 323	86.7%
TOTAL NET PRODUCTION	6 604	-7.4%	-10.8%		14 006	15 006	-6.7%	79 923	
+ Imports	1 321	54.0%	-22.0%		3 013	2 143	40.6%	11 026	
- Exports	1 994	-7.8%	-22.1%		4 553	4 615	-1.4%	24 123	
= ELECTRICITY SUPPLIED	5 931	1.8%	-9.2%		12 467	12 534	-0.5%	66 826	
- Used for pumped storage	146	40.3%	-0.7%		292	245	19.3%	1 508	
- T&D Losses	394	2.6%	-16.1%		863	843	2.3%	4 300	
= ELECTRICITY CONSUMED	5 392	1.0%	-8.9%		11 311	11 446	-1.2%	61 019	

¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year**Electricity Production****Net Electricity Exports****Low-carbon Power Jan - Feb****Electricity Production by Fuel**

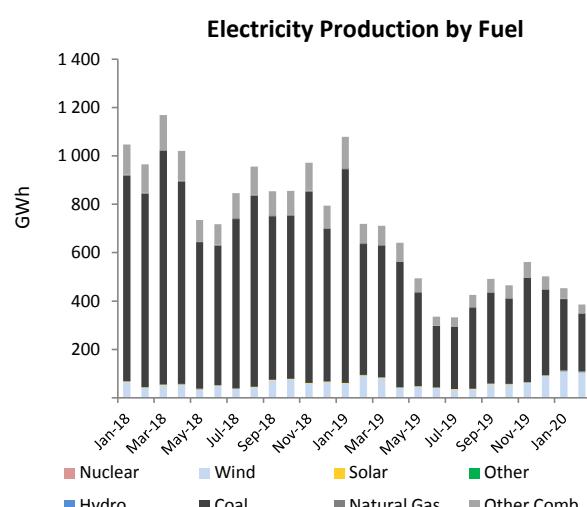
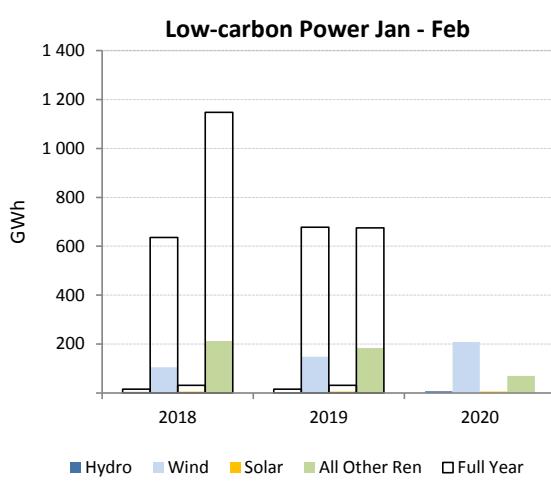
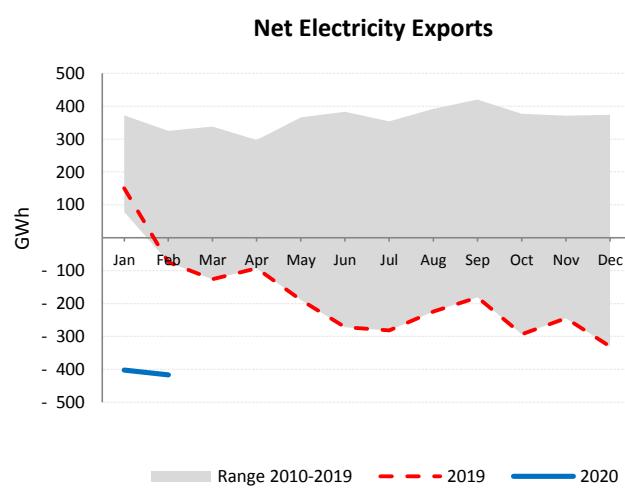
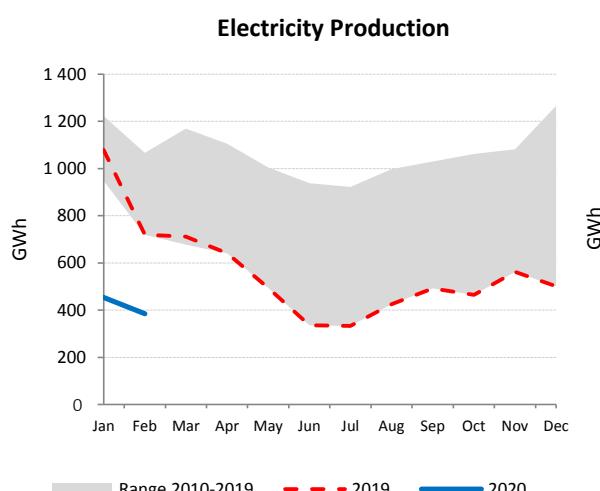
DENMARK

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	1 296	-12.6%	-13.5%	38.1%	2 793	3 417	-18.3%	12 132	41.5%
Coal	493	-7.5%	-4.1%	14.5%	1 006	1 289	-21.9%	3 382	11.6%
Oil	17	-12.1%	-32.5%	0.5%	42	47	-11.6%	239	0.8%
Natural Gas	115	-49.8%	-20.9%	3.4%	261	542	-51.8%	1 826	6.2%
Combustible Renewables	609	-3.5%	-17.1%	17.9%	1 344	1 390	-3.3%	5 863	20.0%
Other Combustibles	62	-11.9%	-20.8%	1.8%	140	150	-6.5%	823	2.8%
Nuclear	-	-	-	-	-	-	-	-	-
Hydro	3	59.7%	26.7%	0.1%	5	3	51.1%	17	0.1%
Wind	2 068	54.0%	-4.6%	60.9%	4 237	2 905	45.8%	16 150	55.2%
Solar	30	-21.4%	125.8%	0.9%	43	54	-20.1%	963	3.3%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	2 710	34.5%	-7.2%	79.8%	5 629	4 353	29.3%	22 993	78.6%
NON-RENEWABLES	687	-19.4%	-9.9%	20.2%	1 449	2 027	-28.5%	6 269	21.4%
TOTAL NET PRODUCTION	3 397	18.5%	-7.7%		7 078	6 380	10.9%	29 262	
+ Imports	1 335	44.7%	8.6%		2 564	2 027	26.5%	15 327	
- Exports	1 485	69.8%	-1.9%		2 998	2 140	40.1%	9 535	
= ELECTRICITY SUPPLIED	3 247	11.4%	-4.4%		6 644	6 266	6.0%	35 054	
- Used for pumped storage	-	-	-		-	-	-	-	
- T&D Losses	285	40.3%	-3.2%		580	452	28.3%	2 619	
= ELECTRICITY CONSUMED	2 962	9.3%	-4.5%		6 064	5 815	4.3%	32 435	

¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year**Electricity Production****Net Electricity Exports****Low-carbon Power Jan - Feb****Electricity Production by Fuel**

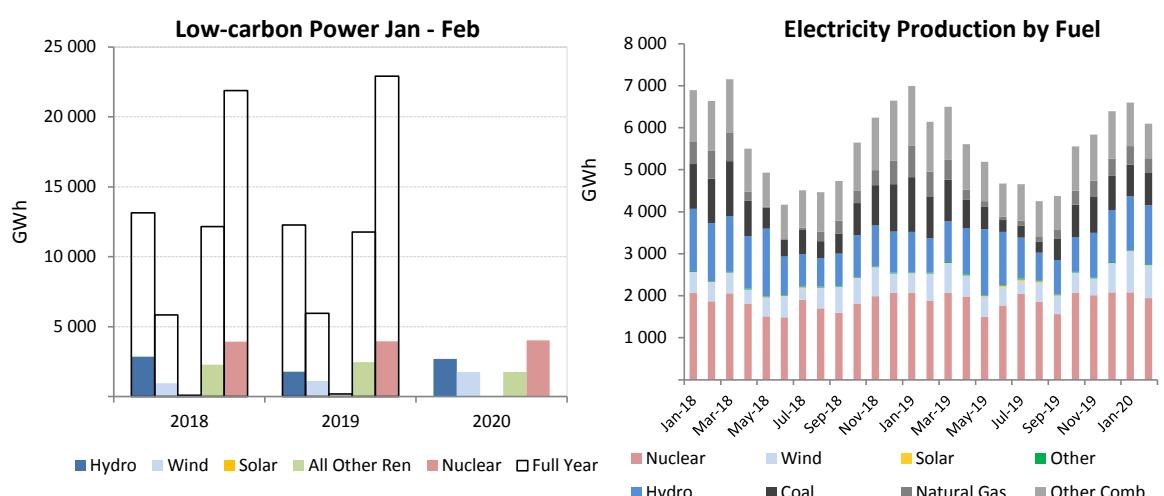
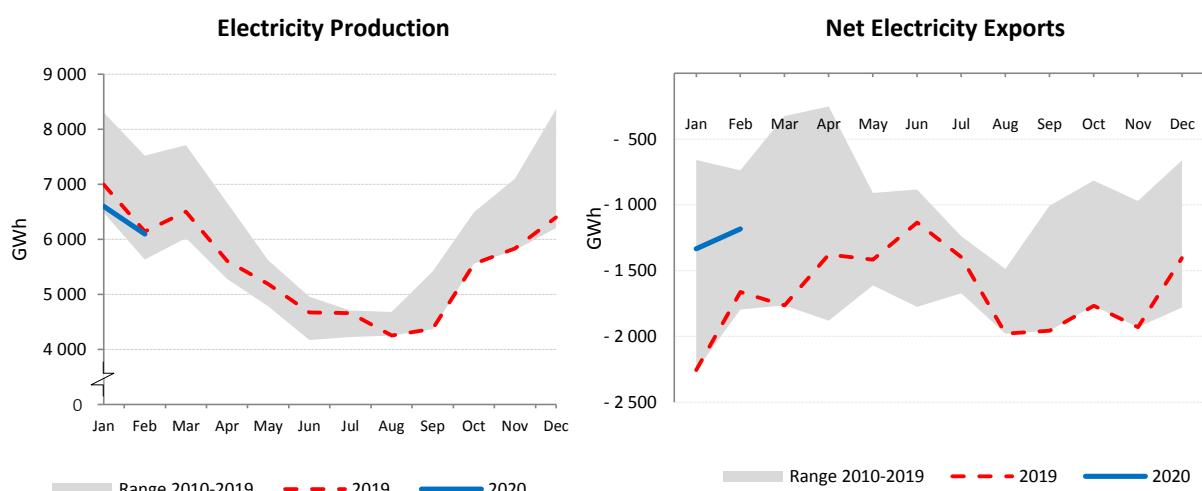
ESTONIA

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	276	-55.8%	-19.0%	71.7%	617	1 643	-62.4%	6 033	89.3%
Coal ⁴	239	-55.8%	-19.0%	62.2%	535	1 425	-62.4%	5 235	77.5%
Oil ⁴	2	-55.8%	-19.0%	0.5%	4	12	-62.4%	43	0.6%
Natural Gas ⁴	1	-55.8%	-19.0%	0.4%	3	8	-62.4%	30	0.4%
Combustible Renewables ⁴	31	-55.8%	-19.0%	8.0%	69	184	-62.4%	675	10.0%
Other Combustibles ⁴	2	-55.8%	-19.0%	0.6%	5	14	-62.4%	50	0.7%
Nuclear	-	-	-	-	-	-	-	-	-
Hydro	4	212.4%	25.0%	1.1%	7	2	259.9%	15	0.2%
Wind	102	13.4%	-3.9%	26.6%	209	149	40.6%	677	10.0%
Solar	3	-	-	0.7%	5	5	-	31	0.5%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	140	-14.7%	-7.0%	36.3%	291	340	-14.4%	1 399	20.7%
NON-RENEWABLES	245	-55.8%	-19.0%	63.7%	548	1 459	-62.4%	5 358	79.3%
TOTAL NET PRODUCTION	385	-46.4%	-15.0%		838	1 798	-53.4%	6 757	
+ Imports	630	96.9%	-5.0%		1 293	545	137.2%	4 862	
- Exports	213	-13.4%	-18.4%		474	621	-23.7%	2 703	
= ELECTRICITY SUPPLIED	802	1.2%	-6.2%		1 657	1 722	-3.8%	8 916	
- Used for pumped storage	-	-	-		-	-	-	-	
- T&D Losses ⁴	54	-2.3%	-9.1%		113	125	-9.0%	618	
= ELECTRICITY CONSUMED	748	1.4%	-6.0%		1 544	1 598	-3.4%	8 297	

¹ current month to month of last year change⁴ estimated from annual data² month-to-month change³ year-to-date compared to same period last year

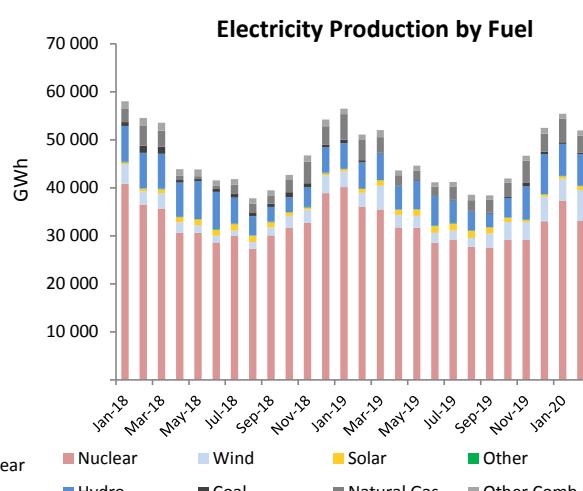
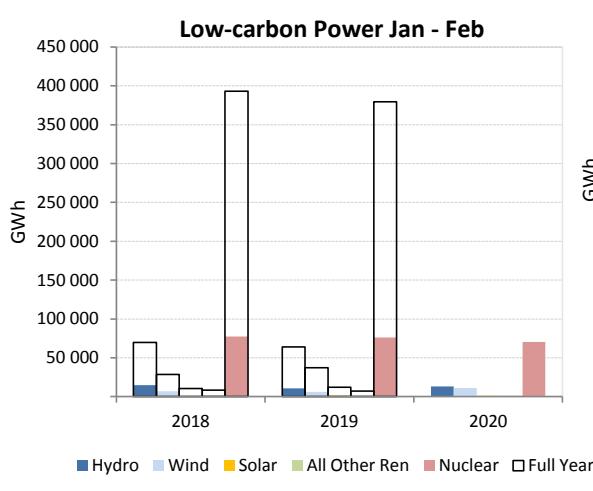
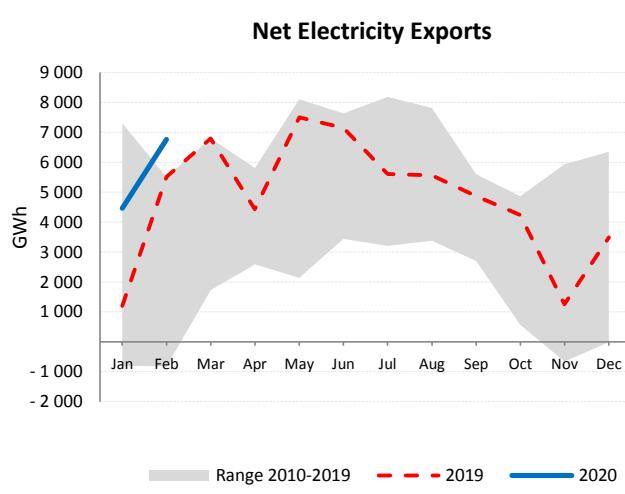
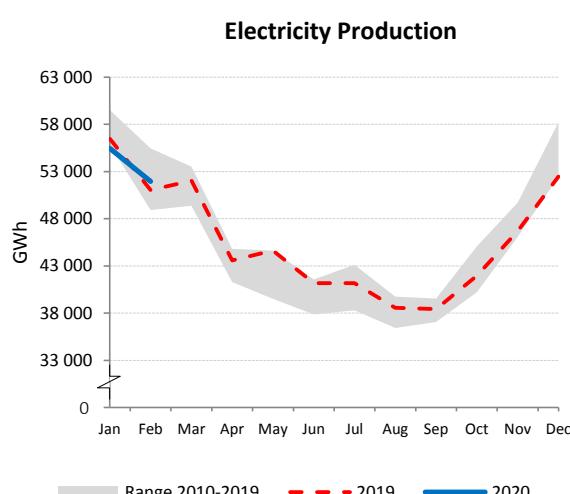
FINLAND

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	1 937	-30.0%	-13.1%	31.8%	4 166	6 246	-33.3%	24 604	37.2%
Coal	766	-22.0%	1.5%	12.6%	1 520	2 284	-33.4%	8 269	12.5%
Oil	19	-28.6%	-11.8%	0.3%	40	59	-31.9%	275	0.4%
Natural Gas	353	-41.0%	-19.9%	5.8%	792	1 353	-41.5%	3 863	5.8%
Combustible Renewables	769	-31.7%	-21.6%	12.6%	1 749	2 468	-29.1%	11 773	17.8%
Other Combustibles ⁴	31	-15.5%	-6.2%	0.5%	65	82	-21.5%	425	0.6%
Nuclear	1 947	3.7%	-6.5%	32.0%	4 030	3 948	2.1%	22 916	34.6%
Hydro	1 406	71.8%	9.2%	23.1%	2 694	1 783	51.1%	12 268	18.5%
Wind	777	19.3%	-20.5%	12.8%	1 755	1 116	57.3%	5 963	9.0%
Solar	6	198.5%	294.8%	0.1%	8	3	149.4%	181	0.3%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	20	-	-	0.3%	40	40	-	240	0.4%
RENEWABLES	2 958	13.9%	-8.9%	48.5%	6 205	5 370	15.6%	30 185	45.6%
NON-RENEWABLES	3 136	-11.5%	-6.4%	51.5%	6 487	7 766	-16.5%	35 987	54.4%
TOTAL NET PRODUCTION	6 094	-0.7%	-7.6%		12 692	13 136	-3.4%	66 172	
+ Imports	1 720	-9.8%	-11.0%		3 653	4 314	-15.3%	23 938	
- Exports	538	119.3%	-10.2%		1 136	397	186.1%	3 898	
= ELECTRICITY SUPPLIED	7 276	-6.7%	-8.3%		15 208	17 053	-10.8%	86 212	
- Used for pumped storage	-	-	-		-	-	-	-	-
- T&D Losses	252	-6.6%	-8.3%		526	589	-10.6%	2 981	
= ELECTRICITY CONSUMED	7 024	-6.7%	-8.3%		14 682	16 464	-10.8%	83 230	

¹ current month to month of last year change⁴ includes generation from peat² month-to-month change³ year-to-date compared to same period last year

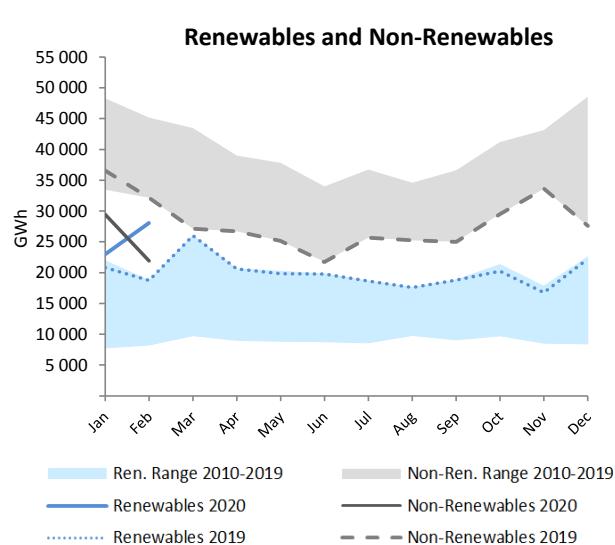
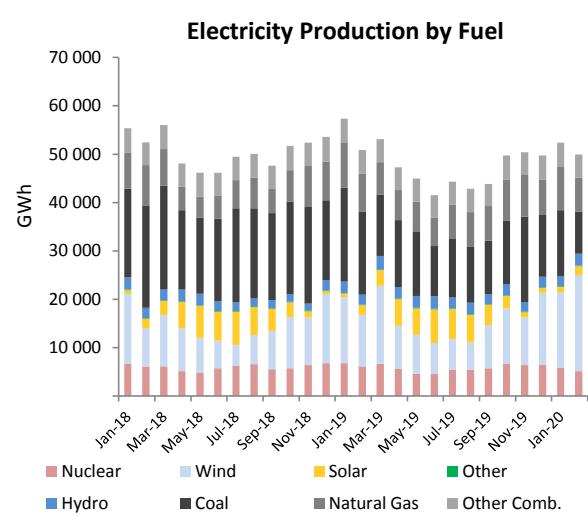
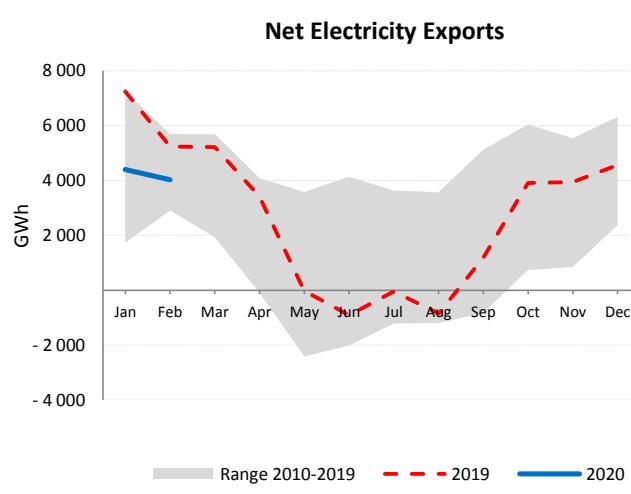
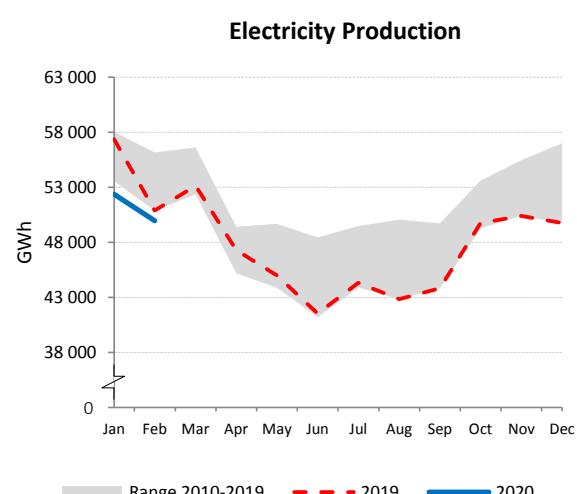
FRANCE

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	4 945	-14.7%	-21.5%	9.5%	11 245	12 977	-13.3%	54 154	9.9%
Coal	257	-46.3%	-25.9%	0.5%	604	1 211	-50.1%	3 822	0.7%
Oil	534	5.7%	2.0%	1.0%	1 059	1 032	2.6%	6 073	1.1%
Natural Gas	3 587	-14.8%	-27.3%	6.9%	8 522	9 528	-10.6%	37 613	6.9%
Combustible Renewables	567	-6.5%	14.8%	1.1%	1 060	1 205	-12.0%	6 646	1.2%
Other Combustibles	-	-	-	-	-	-	-	-	-
Nuclear	33 177	-8.1%	-11.2%	63.8%	70 528	76 244	-7.5%	379 445	69.2%
Hydro	6 597	22.6%	-0.6%	12.7%	13 234	10 685	23.9%	63 775	11.6%
Wind	6 360	122.0%	41.2%	12.2%	10 866	6 106	77.9%	37 404	6.8%
Solar	781	-3.7%	44.8%	1.5%	1 320	1 275	3.6%	12 094	2.2%
Geothermal⁴	13	-2.7%	-	0.0%	25	26	-2.7%	156	0.0%
Other Renewables⁴	40	-	-	0.1%	79	79	-	474	0.1%
Non-Specified⁴	55	-	-	0.1%	109	109	-	657	0.1%
RENEWABLES	14 357	47.8%	17.4%	27.6%	26 585	19 376	37.2%	120 549	22.0%
NON-RENEWABLES	37 610	-9.0%	-13.0%	72.4%	80 821	88 125	-8.3%	427 610	78.0%
TOTAL NET PRODUCTION	51 967	1.8%	-6.3%		107 406	107 501	-0.1%	548 159	
+ Imports	502	-50.7%	-68.7%		2 105	3 918	-46.3%	15 709	
- Exports	7 266	11.4%	19.7%		13 334	10 625	25.5%	73 315	
= ELECTRICITY SUPPLIED	45 203	-0.7%	-11.3%		96 178	100 794	-4.6%	490 553	
- Used for pumped storage	647	47.6%	21.6%		1 180	959	23.0%	6 327	
- T&D Losses	3 878	0.3%	-14.3%		8 402	8 938	-6.0%	39 143	
= ELECTRICITY CONSUMED	40 677	-1.4%	-11.4%		86 596	90 897	-4.7%	445 083	

¹ current month to month of last year change⁴ estimated² month-to-month change³ year-to-date compared to same period last year

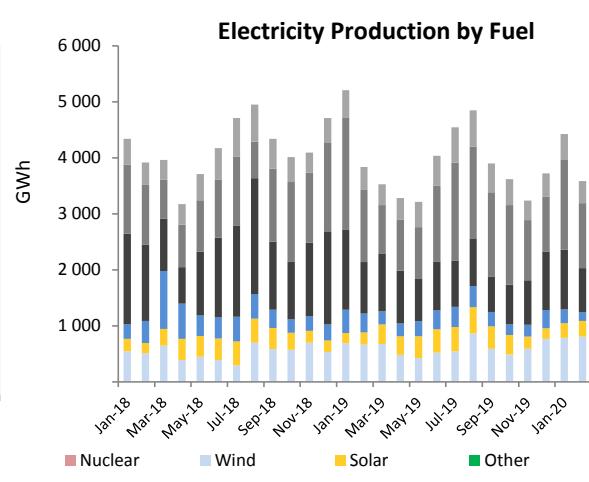
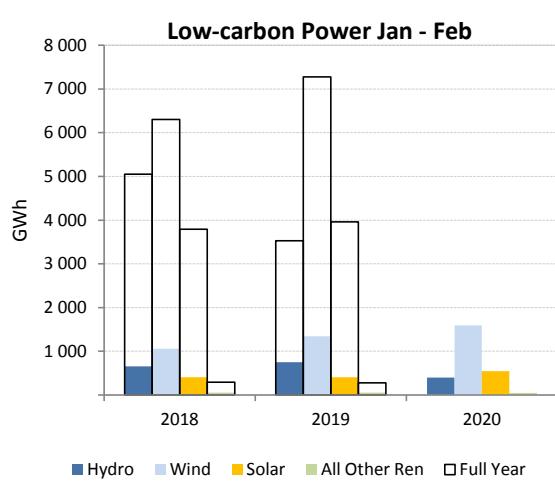
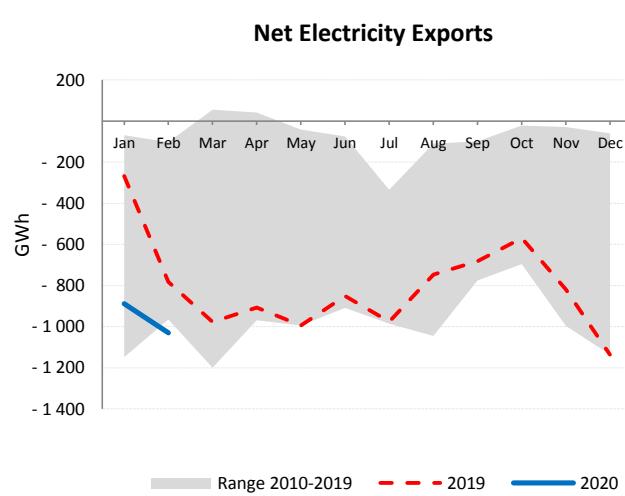
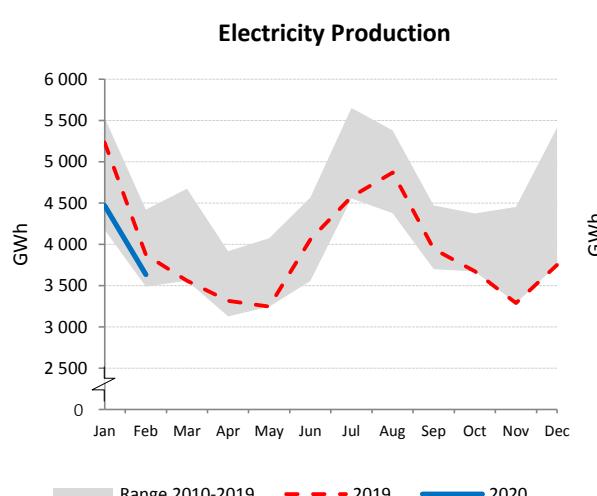
GERMANY

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	20 557	-31.3%	-25.7%	41.2%	48 218	63 612	-24.2%	310 636	53.9%
Coal	8 693	-49.5%	-36.7%	17.4%	22 421	36 588	-38.7%	165 423	28.7%
Oil	347	-1.1%	-11.0%	0.7%	737	812	-9.3%	4 581	0.8%
Natural Gas	7 106	-9.1%	-20.1%	14.2%	16 002	17 113	-6.5%	87 614	15.2%
Combustible Renewables	3 931	-2.5%	-4.6%	7.9%	8 051	8 054	0.0%	46 664	8.1%
Other Combustibles	481	-5.2%	-8.6%	1.0%	1 007	1 046	-3.7%	6 354	1.1%
Nuclear	5 136	-16.6%	-11.1%	10.3%	10 914	12 935	-15.6%	70 591	12.3%
Hydro	2 451	20.2%	24.2%	4.9%	4 425	4 388	0.8%	27 606	4.8%
Wind	19 878	86.5%	27.0%	39.8%	35 536	24 279	46.4%	121 007	21.0%
Solar	1 801	-8.7%	52.6%	3.6%	2 982	2 776	7.4%	44 506	7.7%
Geothermal	16	31.2%	5.0%	0.0%	31	26	21.7%	144	0.0%
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	116	-3.1%	-0.1%	0.2%	232	219	6.1%	1 527	0.3%
RENEWABLES	28 078	50.0%	22.4%	56.2%	51 025	39 522	29.1%	239 927	41.7%
NON-RENEWABLES	21 879	-32.0%	-25.7%	43.8%	51 313	68 712	-25.3%	336 090	58.3%
TOTAL NET PRODUCTION	49 956	-1.8%	-4.6%		102 338	108 234	-5.4%	576 017	
+ Imports	3 165	57.6%	-7.5%		6 585	3 548	85.6%	40 156	
- Exports	7 191	-0.7%	-8.1%		15 015	16 029	-6.3%	73 042	
= ELECTRICITY SUPPLIED	45 930	0.6%	-4.3%		93 909	95 753	-1.9%	543 130	
- Used for pumped storage	795	18.0%	8.5%		1 529	1 434	6.6%	8 165	
- T&D Losses	2 643	8.4%	-8.9%		5 545	5 306	4.5%	26 458	
= ELECTRICITY CONSUMED	42 492	-0.1%	-4.2%		86 835	89 012	-2.4%	508 507	

¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year

GREECE

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	2 389	-10.0%	-24.9%	65.8%	5 569	6 602	-15.6%	32 613	68.8%
Coal	836	-9.2%	-22.1%	23.0%	1 956	2 421	-17.1%	11 255	23.8%
Oil	358	-1.6%	-12.1%	9.9%	766	794	-3.5%	5 189	11.0%
Natural Gas	1 162	-10.4%	-27.8%	32.0%	2 770	3 292	-15.9%	15 714	33.2%
Combustible Renewables ⁴	20	-10.0%	-24.9%	0.6%	47	55	-15.6%	274	0.6%
Other Combustibles ⁴	13	-14.5%	-26.5%	0.4%	31	39	-21.1%	181	0.4%
Nuclear	-	-	-	-	-	-	-	-	-
Hydro	153	-54.2%	-37.6%	4.2%	399	751	-46.9%	3 527	7.4%
Wind	806	21.8%	2.5%	22.2%	1 592	1 345	18.3%	7 278	15.4%
Solar	284	27.6%	9.9%	7.8%	542	406	33.3%	3 960	8.4%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	1 262	1.8%	-4.1%	34.8%	2 579	2 558	0.8%	15 039	31.7%
NON-RENEWABLES	2 369	-10.0%	-24.9%	65.2%	5 523	6 546	-15.6%	32 339	68.3%
TOTAL NET PRODUCTION	3 631	-6.2%	-18.8%		8 102	9 104	-11.0%	47 378	
+ Imports	1 037	23.5%	13.3%		1 953	1 478	32.2%	10 869	
- Exports	8	-85.7%	-70.0%		36	429	-91.6%	1 167	
= ELECTRICITY SUPPLIED	4 661	0.1%	-13.0%		10 019	10 153	-1.3%	57 080	
- Used for pumped storage	10	-	93.5%		15	1	1457.6%	47	
- T&D Losses	372	-7.3%	-15.9%		813	901	-9.7%	4 936	
= ELECTRICITY CONSUMED	4 279	0.6%	-12.9%		9 190	9 251	-0.7%	52 098	

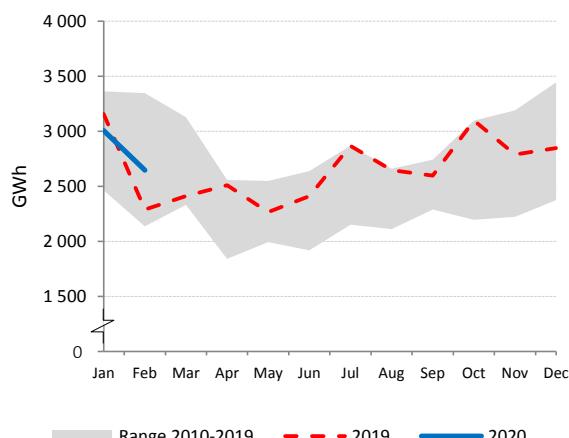
¹ current month to month of last year change⁴ estimated from annual data² month-to-month change³ year-to-date compared to same period last year

HUNGARY

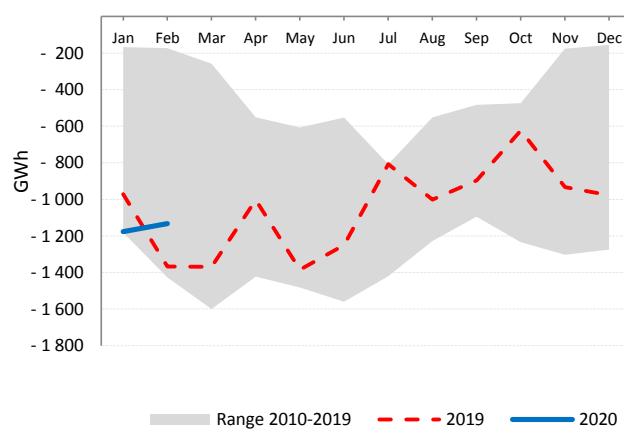
	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	1 362	24.1%	-4.9%	51.5%	2 794	2 666	4.8%	13 997	43.9%
Coal	337	1.7%	-3.8%	12.7%	687	712	-3.5%	3 834	12.0%
Oil	2	-55.2%	-32.9%	0.1%	6	10	-42.5%	60	0.2%
Natural Gas	880	53.0%	-6.0%	33.3%	1 817	1 581	14.9%	7 857	24.6%
Combustible Renewables	124	-25.9%	0.7%	4.7%	247	327	-24.4%	1 976	6.2%
Other Combustibles	18	0.1%	-2.6%	0.7%	37	37	2.2%	270	0.8%
Nuclear	1 020	0.7%	-29.4%	38.6%	2 465	2 459	0.3%	15 412	48.3%
Hydro	18	-8.0%	-10.5%	0.7%	38	39	-1.4%	213	0.7%
Wind	103	39.9%	179.7%	3.9%	140	157	-10.8%	705	2.2%
Solar	131	79.4%	112.1%	5.0%	193	104	86.5%	1 422	4.5%
Geothermal	1	14.7%	-15.3%	0.0%	2	2	18.2%	9	0.0%
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	11	-	-	0.4%	21	21	-	127	0.4%
RENEWABLES	377	12.8%	55.3%	14.3%	620	627	-1.2%	4 325	13.6%
NON-RENEWABLES	2 268	16.1%	-18.0%	85.7%	5 033	4 819	4.4%	27 560	86.4%
TOTAL NET PRODUCTION	2 645	15.6%	-12.1%	-	5 653	5 446	3.8%	31 885	-
+ Imports	1 909	10.3%	-0.8%	-	3 833	3 700	3.6%	19 854	-
- Exports	776	113.6%	3.7%	-	1 524	1 361	12.0%	7 268	-
= ELECTRICITY SUPPLIED	3 778	3.4%	-9.7%	-	7 962	7 785	2.3%	44 470	-
- Used for pumped storage	-	-	-	-	-	-	-	-	-
- T&D Losses	288	-6.6%	-14.9%	-	625	694	-9.8%	3 307	-
= ELECTRICITY CONSUMED	3 491	4.3%	-9.2%	-	7 337	7 092	3.5%	41 163	-

¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year

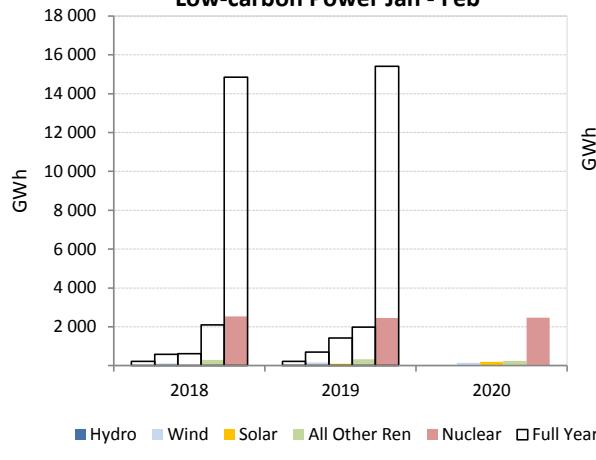
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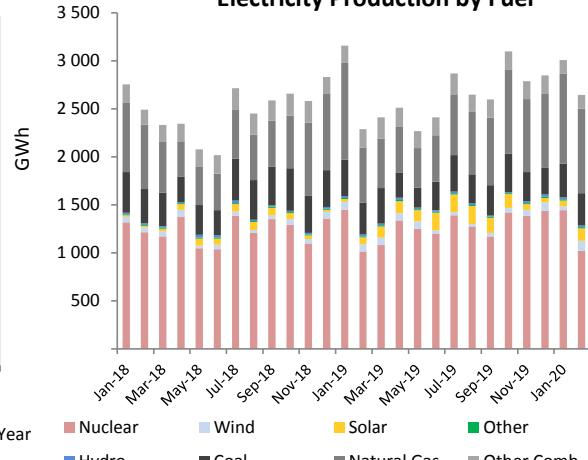
Net Electricity Exports



Low-carbon Power Jan - Feb



Electricity Production by Fuel



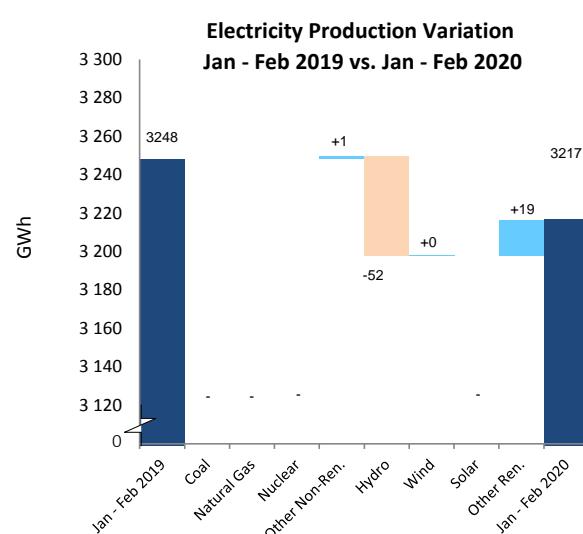
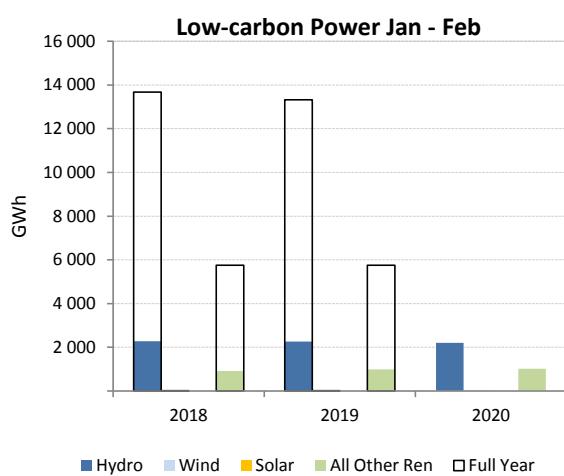
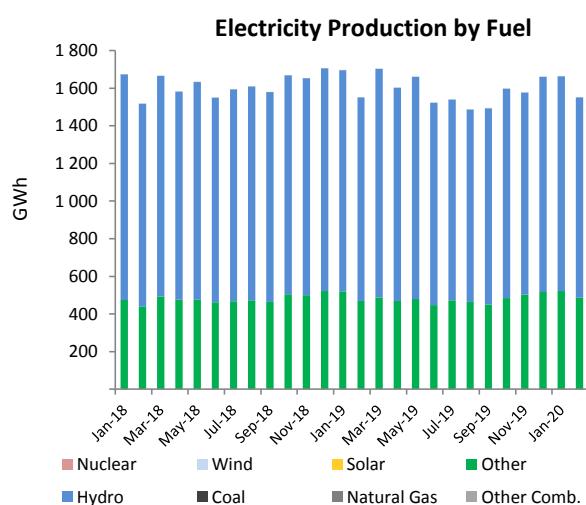
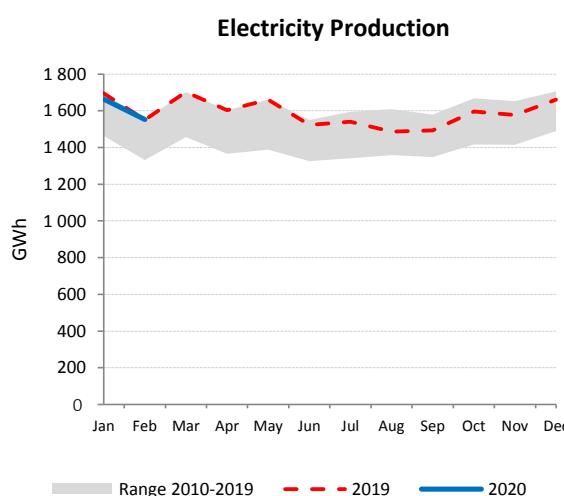
ICELAND

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL									
Coal	1	512.4%	-16.4%	0.0%	-	-	-	-	-
Oil	1	512.4%	-16.4%	0.0%	2	0	491.6%	3	0.0%
Natural Gas	-	-	-	-	-	-	-	-	-
Combustible Renewables	-	-	-	-	-	-	-	-	-
Other Combustibles	-	-	-	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-	-	-	-
Hydro	1 065	-1.6%	-6.7%	68.6%	2 206	2 258	-2.3%	13 328	69.8%
Wind	1	-3.3%	-4.9%	0.0%	1	1	24.6%	7	0.0%
Solar	-	-	-	-	-	-	-	-	-
Geothermal	486	3.8%	-6.7%	31.3%	1 007	988	1.9%	5 755	30.1%
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	1 552	0.0%	-6.7%	100.0%	3 215	3 248	-1.0%	19 090	100.0%
NON-RENEWABLES	1	512.4%	-16.4%	0.0%	2	0	491.6%	3	0.0%
TOTAL NET PRODUCTION	1 553	0.1%	-6.7%		3 217	3 248	-1.0%	19 093	
+ Imports	-	-	-	-	-	-	-	-	-
- Exports	-	-	-	-	-	-	-	-	-
= ELECTRICITY SUPPLIED	1 553	0.1%	-6.7%		3 217	3 248	-1.0%	19 093	
- Used for pumped storage	-	-	-	-	-	-	-	-	-
- T&D Losses	45	-2.1%	-4.0%		93	94	-1.0%	559	
= ELECTRICITY CONSUMED	1 507	0.1%	-6.8%		3 124	3 155	-1.0%	18 534	

¹ current month to month of last year change

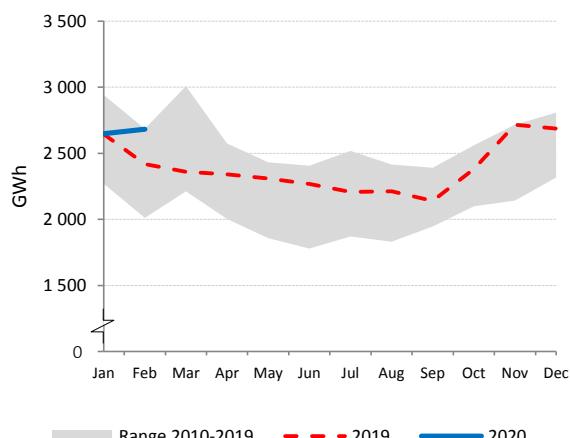
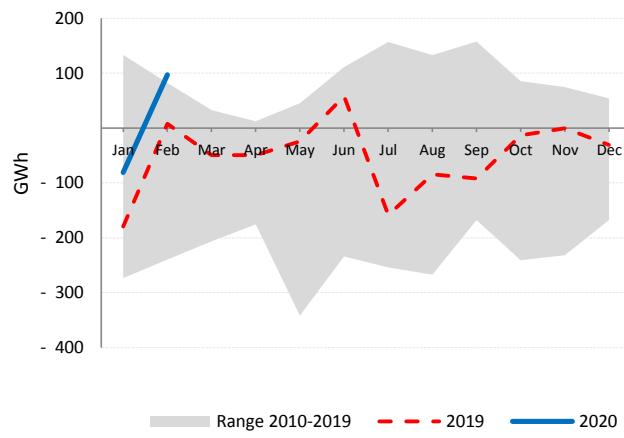
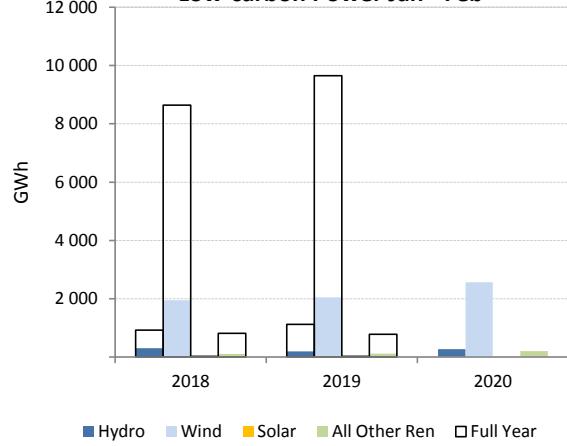
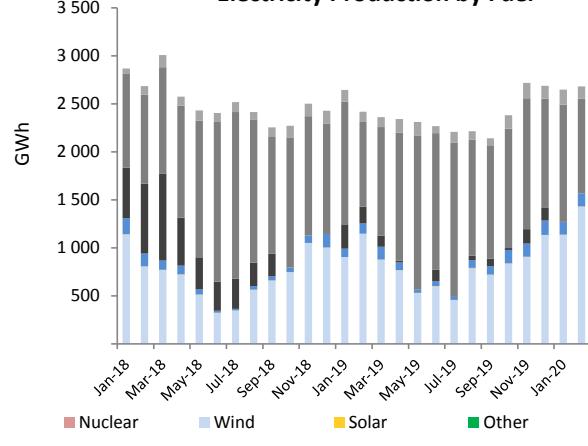
² month-to-month change

³ year-to-date compared to same period last year



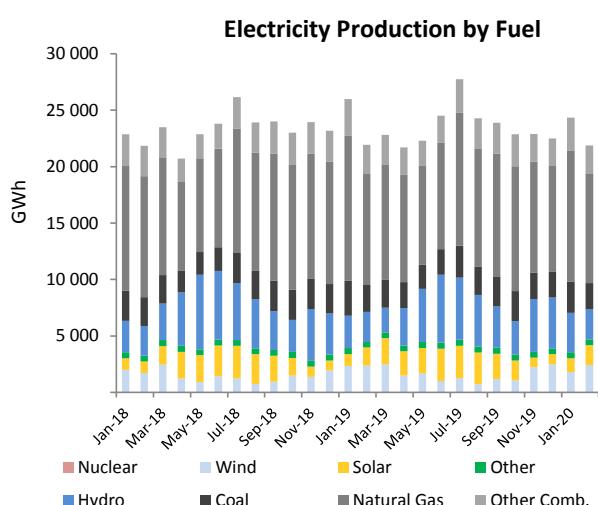
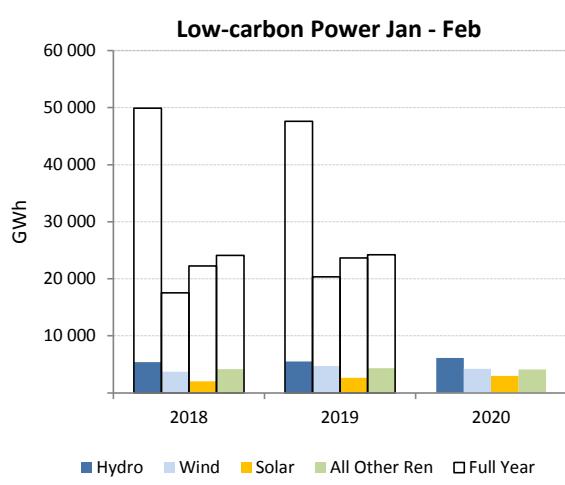
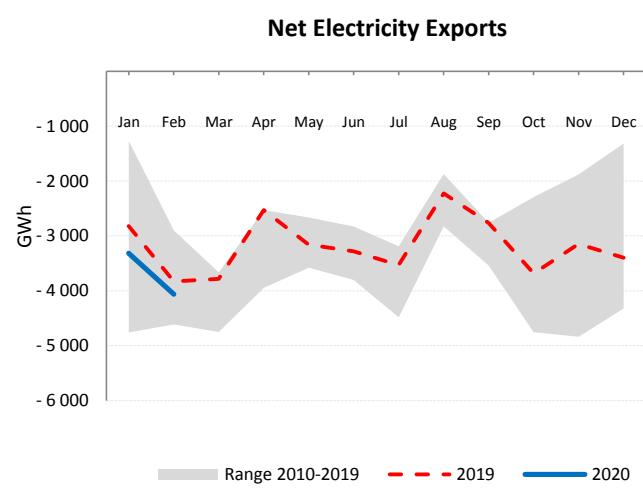
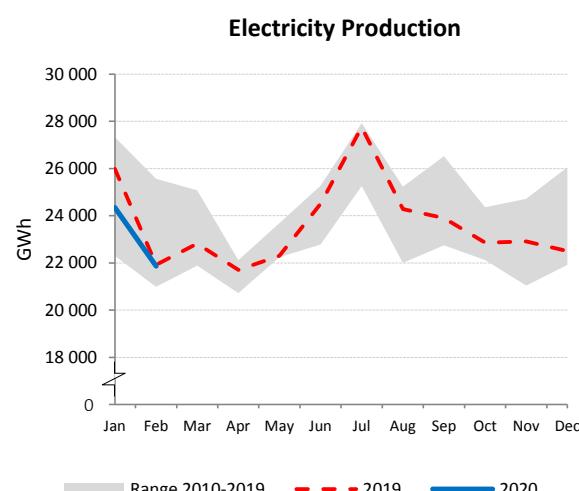
IRELAND

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	1 114	-4.3%	-19.4%	41.5%	2 496	2 818	-11.4%	17 895	62.4%
Coal	0	-100.0%	-100.0%	-	8	423	-98.2%	1 122	3.9%
Oil	12	6.7%	-58.4%	0.5%	42	61	-32.2%	328	1.1%
Natural Gas	985	11.3%	-19.1%	36.7%	2 202	2 164	1.8%	15 384	53.6%
Combustible Renewables	95	31.5%	-7.1%	3.5%	197	118	67.5%	779	2.7%
Other Combustibles	22	-8.6%	-15.5%	0.8%	48	51	-7.5%	281	1.0%
Nuclear	-	-	-	-	-	-	-	-	-
Hydro	139	30.7%	8.0%	5.2%	268	195	37.7%	1 116	3.9%
Wind	1 428	24.5%	25.7%	53.3%	2 565	2 050	25.1%	9 656	33.7%
Solar	1	-	51.0%	0.0%	1	1	-	17	0.1%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	1 663	25.4%	21.6%	62.0%	3 032	2 364	28.2%	11 568	40.3%
NON-RENEWABLES	1 019	-6.7%	-20.4%	38.0%	2 299	2 700	-14.9%	17 116	59.7%
TOTAL NET PRODUCTION	2 682	10.9%	1.3%		5 330	5 064	5.3%	28 684	
+ Imports	129	-4.5%	-38.9%		339	401	-15.6%	2 097	
- Exports	225	58.3%	74.1%		355	230	54.3%	1 481	
= ELECTRICITY SUPPLIED	2 585	7.2%	-5.3%		5 314	5 235	1.5%	29 300	
- Used for pumped storage	46	18.5%	-5.6%		95	85	12.4%	478	
- T&D Losses	197	10.1%	-1.7%		396	382	3.7%	2 152	
= ELECTRICITY CONSUMED	2 342	6.8%	-5.5%		4 822	4 768	1.1%	26 670	

¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year**Electricity Production****Net Electricity Exports****Low-carbon Power Jan - Feb****Electricity Production by Fuel**

ITALY

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	14 517	-1.9%	-16.1%	66.4%	31 821	34 000	-6.4%	185 556	65.5%
Coal ⁵	2 339	-1.9%	-16.1%	10.7%	5 127	5 478	-6.4%	29 897	10.5%
Oil ⁵	833	-1.9%	-16.1%	3.8%	1 827	1 952	-6.4%	10 652	3.8%
Natural Gas ⁵	9 712	-1.9%	-16.1%	44.4%	21 289	22 747	-6.4%	124 140	43.8%
Combustible Renewables ⁵	1 447	-1.9%	-16.1%	6.6%	3 172	3 389	-6.4%	18 497	6.5%
Other Combustibles ⁵	185	-1.9%	-16.1%	0.8%	406	434	-6.4%	2 370	0.8%
Nuclear	-	-	-	-	-	-	-	-	-
Hydro	2 666	0.7%	-23.3%	12.2%	6 142	5 499	11.7%	47 582	16.8%
Wind	2 436	2.7%	35.7%	11.1%	4 232	4 724	-10.4%	20 340	7.2%
Solar	1 737	7.5%	41.4%	7.9%	2 966	2 656	11.7%	23 665	8.4%
Geothermal	464	5.0%	-5.9%	2.1%	957	942	1.6%	5 736	2.0%
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	44	-	-	0.2%	89	89	-	533	0.2%
RENEWABLES	8 751	2.3%	0.4%	40.0%	17 469	17 211	1.5%	115 821	40.9%
NON-RENEWABLES	13 114	-1.9%	-16.1%	60.0%	28 738	30 700	-6.4%	167 592	59.1%
TOTAL NET PRODUCTION	21 865	-0.3%	-10.2%		46 207	47 910	-3.6%	283 413	
+ Imports	4 613	11.1%	13.5%		8 676	7 505	15.6%	43 977	
- Exports	547	68.8%	-26.9%		1 295	855	51.5%	5 823	
= ELECTRICITY SUPPLIED	25 931	0.7%	-6.2%		53 588	54 559	-1.8%	321 567	
- Used for pumped storage	193	1.6%	8.8%		370	449	-17.7%	2 498	
- T&D Losses ⁴	1 456	1.5%	-6.8%		3 019	3 048	-1.0%	18 009	
= ELECTRICITY CONSUMED	24 282	0.6%	-6.3%		50 199	51 062	-1.7%	301 061	

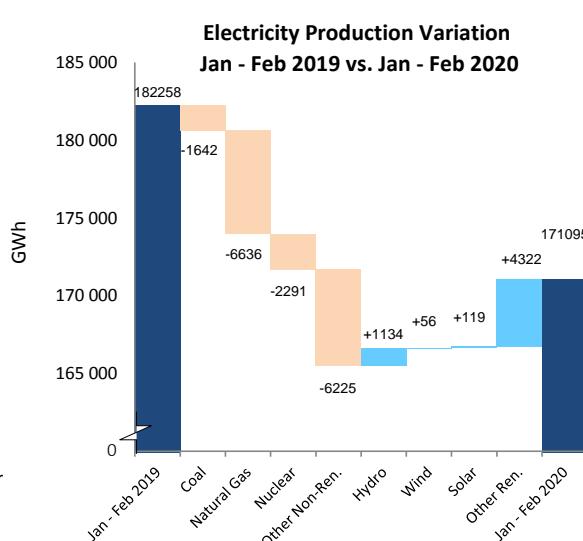
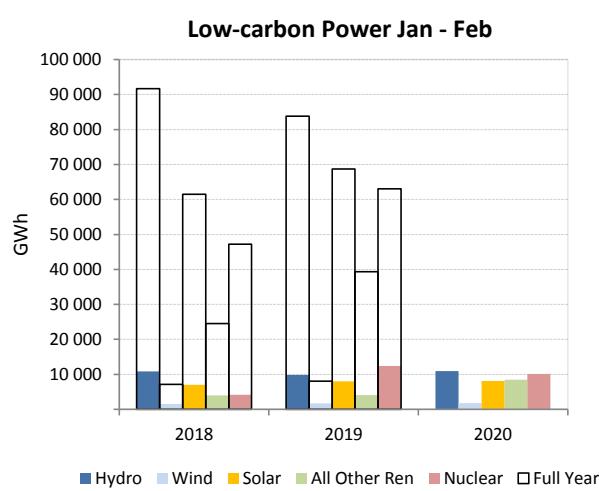
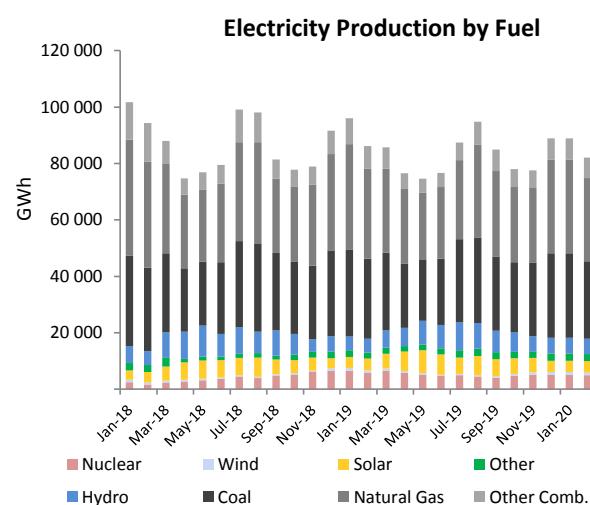
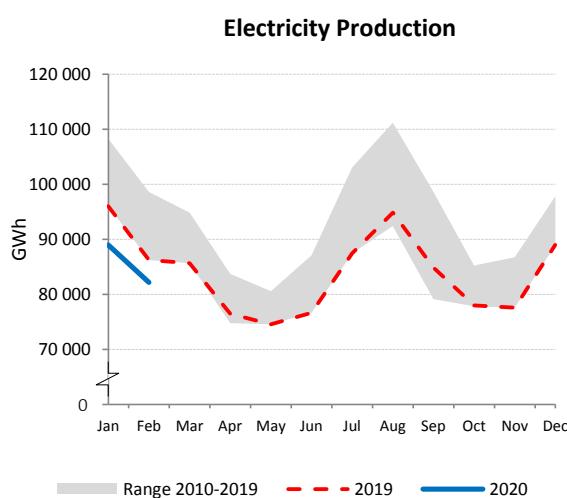
¹ current month to month of last year change⁴ estimated² month-to-month change⁵ estimated from annual data³ year-to-date compared to same period last year

JAPAN

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	64 321	-5.8%	-9.1%	78.3%	135 044	145 637	-7.3%	756 081	75.1%
Coal	27 527	-2.8%	-8.1%	33.5%	57 487	59 128	-2.8%	321 098	31.9%
Oil	3 443	-25.6%	2.9%	4.2%	6 791	10 116	-32.9%	40 101	4.0%
Natural Gas	29 501	-7.9%	-11.3%	35.9%	62 752	69 389	-9.6%	352 800	35.0%
Combustible Renewables	3 850	114.4%	-7.6%	4.7%	8 014	3 740	114.3%	36 878	3.7%
Other Combustibles	-	-	-	-	-	3 264	-	5 204	0.5%
Nuclear	4 979	-15.6%	-3.5%	6.1%	10 139	12 430	-18.4%	63 034	6.3%
Hydro	5 362	9.3%	-4.3%	6.5%	10 967	9 832	11.5%	83 827	8.3%
Wind	854	10.5%	-9.3%	1.0%	1 795	1 739	3.2%	8 012	0.8%
Solar	4 149	0.6%	4.8%	5.1%	8 106	7 988	1.5%	68 705	6.8%
Geothermal	201	8.5%	-9.6%	0.2%	424	376	12.8%	2 440	0.2%
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	2 281	12.5%	-2.5%	2.8%	4 620	4 257	8.5%	25 220	2.5%
RENEWABLES	14 415	22.4%	-3.2%	17.5%	29 305	23 674	23.8%	199 861	19.8%
NON-RENEWABLES	67 731	-9.0%	-8.5%	82.5%	141 790	158 584	-10.6%	807 456	80.2%
TOTAL NET PRODUCTION	82 146	-4.7%	-7.6%		171 095	182 258	-6.1%	1 007 318	
+ Imports	-	-	-	-	-	-	-	-	-
- Exports	-	-	-	-	-	-	-	-	-
= ELECTRICITY SUPPLIED	82 146	-4.7%	-7.6%		171 095	182 258	-6.1%	1 007 318	
- Used for pumped storage ⁴	897	-2.8%	-8.7%		1 879	1 948	-3.5%	11 943	
- T&D Losses ⁴	3 574	-2.8%	-8.7%		7 486	7 762	-3.5%	46 756	
= ELECTRICITY CONSUMED	77 676	-4.8%	-7.6%		161 730	172 548	-6.3%	948 619	

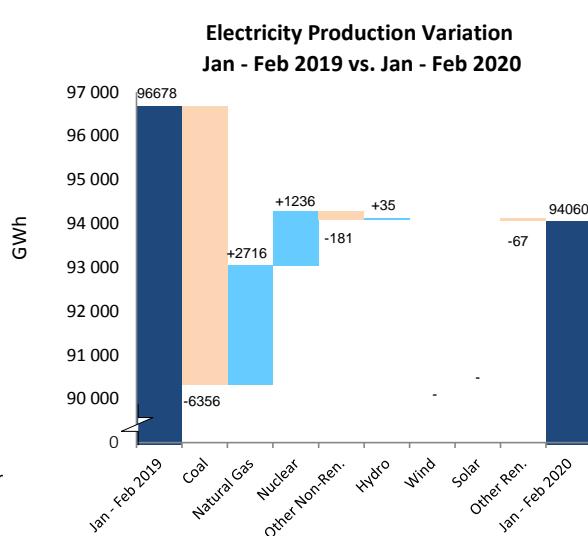
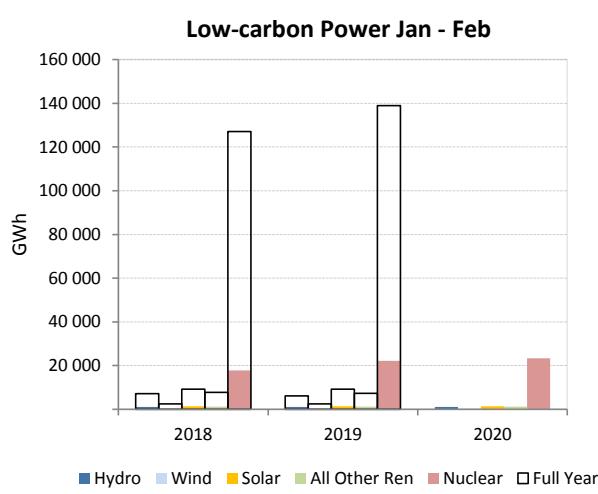
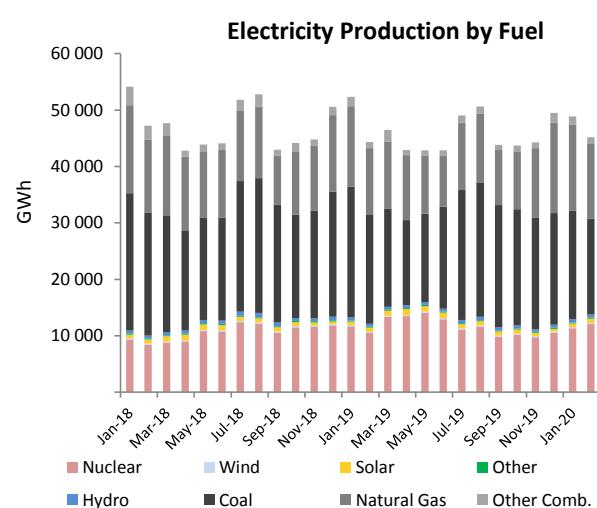
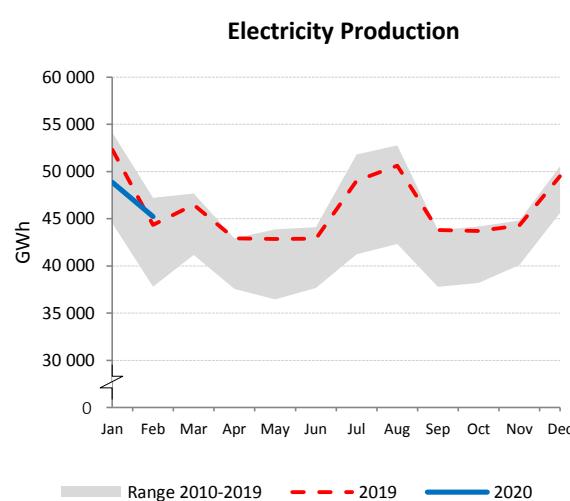
¹ current month to month of last year change

February 2020 is estimated by the IEA Secretariat

² month-to-month change³ year-to-date compared to same period last year

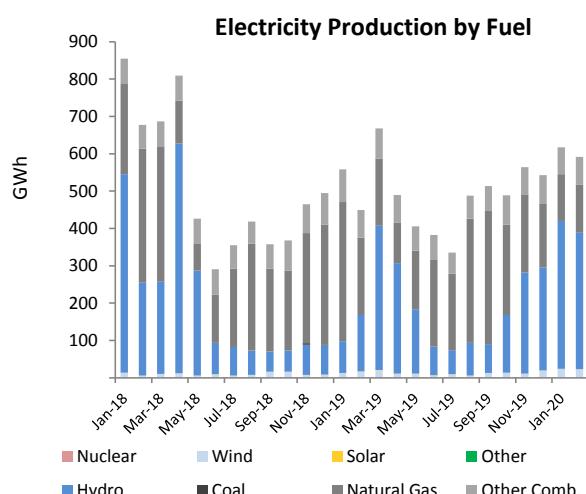
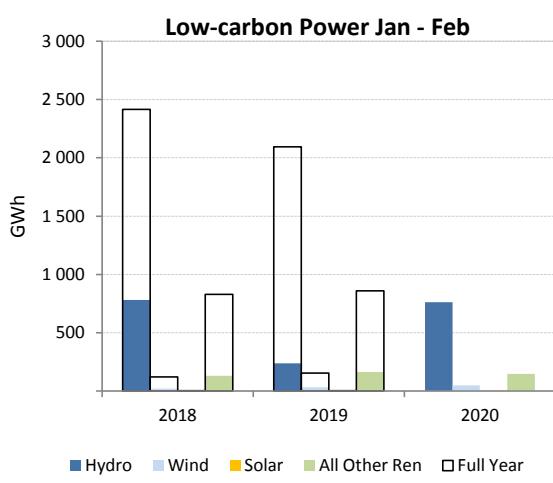
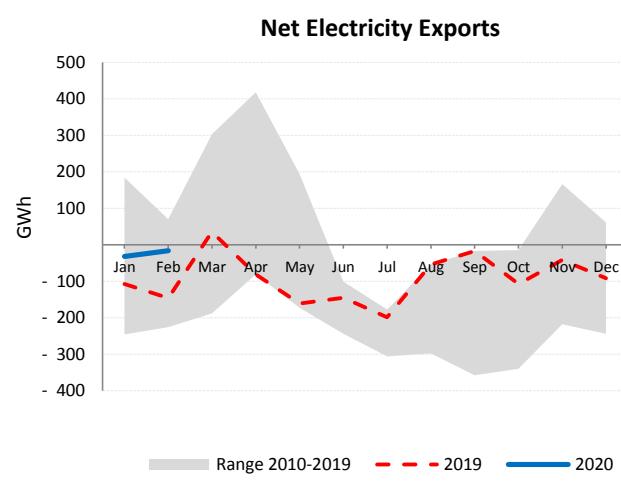
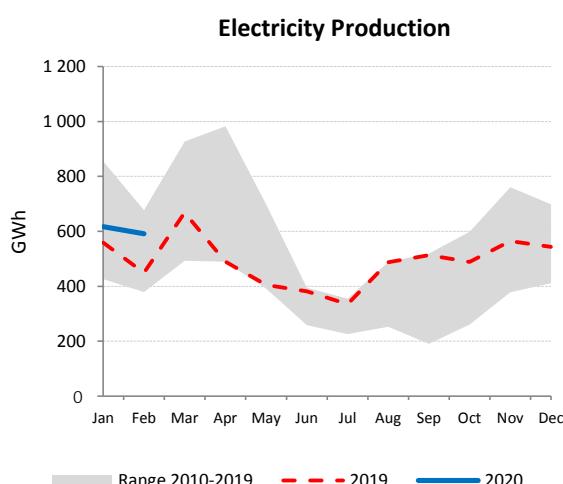
KOREA

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	31 456	-2.4%	-12.5%	69.6%	67 406	71 294	-5.5%	393 475	71.2%
Coal	16 956	-12.7%	-12.0%	37.5%	36 234	42 590	-14.9%	237 365	42.9%
Oil	487	7.3%	-27.8%	1.1%	1 160	1 333	-13.0%	7 050	1.3%
Natural Gas	13 403	14.1%	-12.4%	29.6%	28 706	25 990	10.4%	141 434	25.6%
Combustible Renewables	543	-2.4%	-12.5%	1.2%	1 163	1 230	-5.5%	6 787	1.2%
Other Combustibles	67	-2.4%	-12.5%	0.1%	144	152	-5.5%	839	0.2%
Nuclear	12 079	15.0%	6.7%	26.7%	23 405	22 169	5.6%	138 960	25.1%
Hydro	526	12.5%	-1.9%	1.2%	1 063	1 028	3.4%	6 222	1.1%
Wind	205	-	-	0.5%	411	411	-	2 464	0.4%
Solar	745	-	17.0%	1.6%	1 381	1 381	-	9 207	1.7%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	40	-	-	0.1%	81	81	-	485	0.1%
Non-Specified	157	-	-	0.3%	314	314	-	1 885	0.3%
RENEWABLES	2 059	2.2%	1.0%	4.6%	4 098	4 131	-0.8%	25 165	4.6%
NON-RENEWABLES	43 149	1.9%	-7.8%	95.4%	89 962	92 547	-2.8%	527 533	95.4%
TOTAL NET PRODUCTION	45 209	1.9%	-7.5%		94 060	96 678	-2.7%	552 699	
+ Imports	-	-	-		-	-	-	-	-
- Exports	-	-	-		-	-	-	-	-
= ELECTRICITY SUPPLIED	45 209	1.9%	-7.5%		94 060	96 678	-2.7%	552 699	
- Used for pumped storage ⁴	417	7.0%	2.2%		825	860	-4.0%	4 539	
- T&D Losses ⁴	1 452	1.9%	-7.5%		3 022	3 106	-2.7%	17 755	
= ELECTRICITY CONSUMED	43 339	1.9%	-7.5%		90 213	92 712	-2.7%	530 404	

¹ current month to month of last year change⁴ estimated² month-to-month change³ year-to-date compared to same period last year

LATVIA

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	204	-27.6%	3.3%	34.4%	401	742	-46.0%	3 636	61.8%
Coal	0	-	-	-	0	0	-	0	0.0%
Oil	-	-	-	-	-	-	-	-	-
Natural Gas	130	-37.5%	3.6%	21.9%	255	580	-56.1%	2 777	47.2%
Combustible Renewables	74	-	2.9%	12.5%	146	162	-9.7%	858	14.6%
Other Combustibles	-	-	-	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-	-	-	-
Hydro	365	141.7%	-7.8%	61.7%	761	236	222.5%	2 095	35.6%
Wind	23	35.3%	-4.2%	3.9%	47	30	56.7%	153	2.6%
Solar	0	-	36.7%	0.0%	0	0	-	1	0.0%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	462	90.8%	-6.1%	78.1%	954	428	122.9%	3 108	52.8%
NON-RENEWABLES	130	-37.5%	3.6%	21.9%	255	580	-56.1%	2 777	47.2%
TOTAL NET PRODUCTION	592	31.6%	-4.1%		1 209	1 008	19.9%	5 885	
+ Imports	328	-17.4%	-5.5%		675	857	-21.2%	4 613	
- Exports	312	24.3%	-1.0%		627	603	4.0%	3 495	
= ELECTRICITY SUPPLIED	608	2.0%	-6.4%		1 257	1 262	-0.4%	7 004	
- Used for pumped storage	-	-	-		-	-	-	-	
- T&D Losses ⁴	36	8.6%	-4.6%		74	73	1.0%	414	
= ELECTRICITY CONSUMED	572	1.7%	-6.5%		1 183	1 189	-0.5%	6 590	

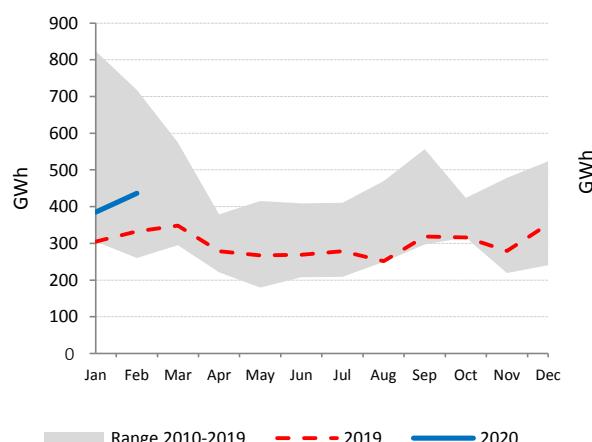
¹ current month to month of last year change⁴ estimated² month-to-month change³ year-to-date compared to same period last year

LITHUANIA

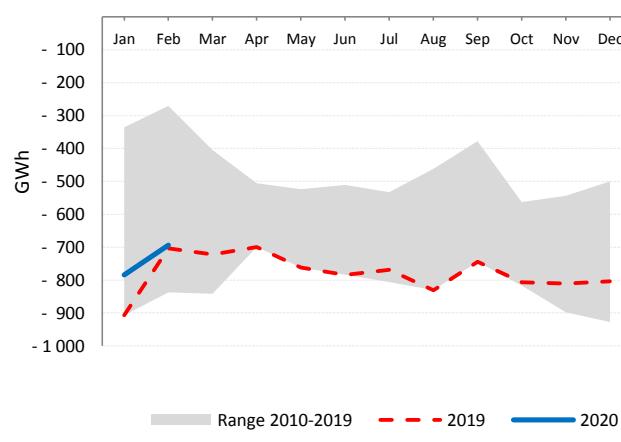
	Feb 2020				Year-to-Date			2019		
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share	
CONVENTIONAL THERMAL	129	22.4%	22.4%	29.5%	-	234	200	16.7%	1 110	30.9%
Coal	-	-	-	-	-	-	-	-	-	
Oil	12	154.4%	-24.5%	2.7%	27	12	123.2%	90	2.5%	
Natural Gas	54	9.0%	89.4%	12.3%	82	81	2.0%	431	12.0%	
Combustible Renewables	57	26.7%	5.2%	13.0%	111	95	16.9%	517	14.4%	
Other Combustibles	6	1.2%	-11.7%	1.5%	14	13	7.6%	72	2.0%	
Nuclear	-	-	-	-	-	-	-	-	-	
Hydro	108	52.7%	24.8%	24.7%	194	149	30.6%	925	25.7%	
Wind	197	27.8%	2.1%	45.2%	390	285	36.6%	1 483	41.2%	
Solar	3	-10.5%	153.0%	0.6%	4	4	6.1%	78	2.2%	
Geothermal	-	-	-	-	-	-	-	-	-	
Other Renewables	-	-	-	-	-	-	-	-	-	
Non-Specified	-	-	-	-	-	-	-	-	-	
RENEWABLES	364	33.7%	8.9%	83.5%	698	532	31.2%	3 003	83.5%	
NON-RENEWABLES	72	19.2%	40.7%	16.5%	123	105	16.6%	593	16.5%	
TOTAL NET PRODUCTION	436	31.0%	13.1%		821	638	28.8%	3 596		
+ Imports	1 078	6.7%	-8.2%		2 251	2 205	2.1%	13 268		
- Exports	384	25.3%	-1.6%		774	595	30.0%	3 924		
= ELECTRICITY SUPPLIED	1 130	9.0%	-3.4%		2 299	2 248	2.3%	12 940		
- Used for pumped storage	97	334.3%	52.5%		160	72	121.6%	810		
- T&D Losses	94	39.0%	-29.4%		227	187	21.1%	911		
= ELECTRICITY CONSUMED	939	-0.8%	-3.5%		1 912	1 989	-3.9%	11 218		

¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year

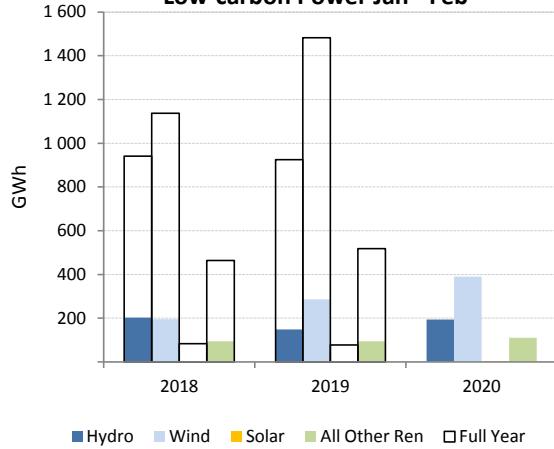
Electricity Production



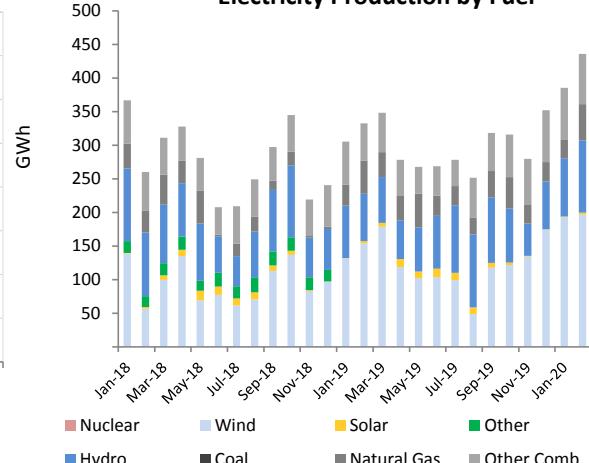
Net Electricity Exports



Low-carbon Power Jan - Feb



Electricity Production by Fuel



LUXEMBOURG

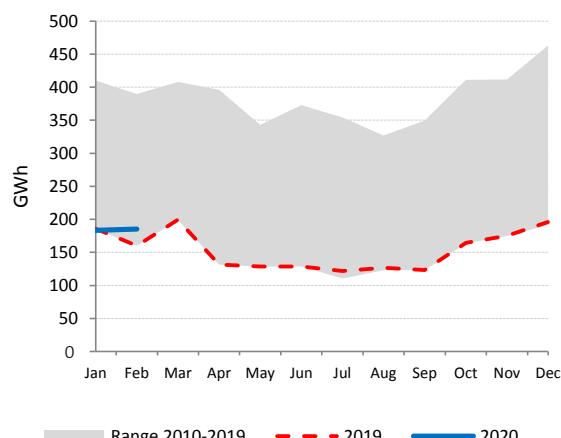
	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	50	14.1%	-9.0%	27.0%	105	95	11.2%	515	28.0%
Coal	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-
Natural Gas	15	-26.5%	-13.0%	8.3%	33	46	-28.5%	171	9.3%
Combustible Renewables	29	70.1%	-7.0%	15.7%	60	36	65.8%	270	14.7%
Other Combustibles	6	-4.5%	-8.0%	3.1%	12	12	-1.7%	75	4.1%
Nuclear	-	-	-	-	-	-	-	-	-
Hydro	101	15.0%	7.4%	54.3%	194	193	0.6%	938	51.0%
Wind	27	21.3%	-16.0%	14.5%	59	50	17.8%	267	14.5%
Solar	8	19.8%	162.0%	4.2%	11	9	27.2%	121	6.5%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	164	23.4%	2.8%	88.7%	324	288	12.6%	1 595	86.7%
NON-RENEWABLES	21	-21.6%	-11.7%	11.3%	45	58	-22.9%	245	13.3%
TOTAL NET PRODUCTION	185	15.8%	0.9%		369	346	6.6%	1 841	
+ Imports	554	-5.9%	-6.4%		1 146	1 261	-9.2%	6 818	
- Exports	84	-12.6%	4.5%		164	221	-25.7%	939	
= ELECTRICITY SUPPLIED	655	0.4%	-5.7%		1 350	1 386	-2.6%	7 719	
- Used for pumped storage	117	8.8%	2.7%		232	241	-3.8%	1 203	
- T&D Losses	12	-4.9%	-10.6%		26	27	-4.3%	153	
= ELECTRICITY CONSUMED	526	-1.1%	-7.3%		1 093	1 118	-2.3%	6 363	

¹ current month to month of last year change

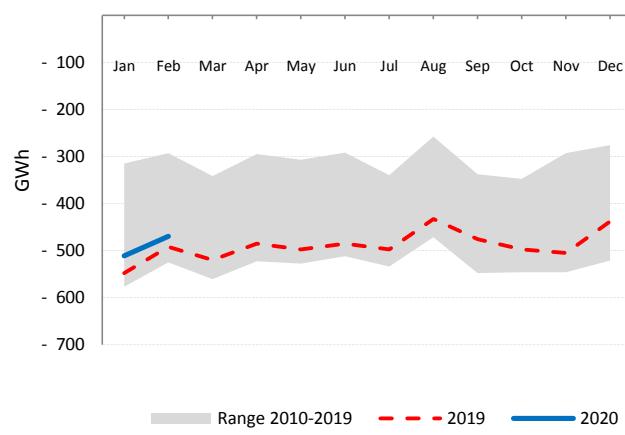
February 2020 is estimated by the IEA Secretariat

² month-to-month change³ year-to-date compared to same period last year

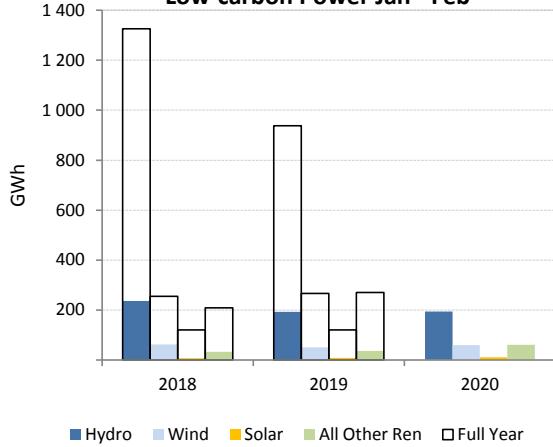
Electricity Production



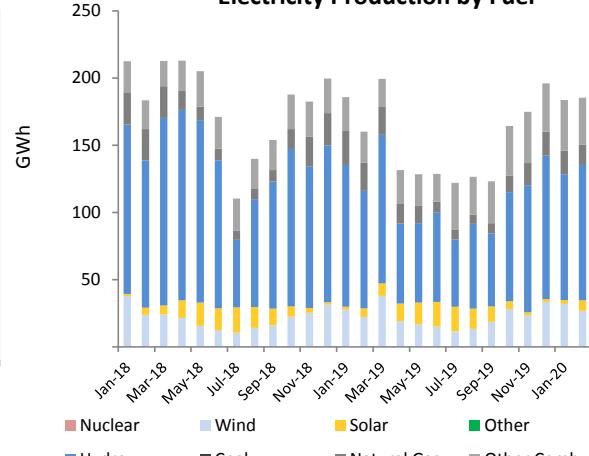
Net Electricity Exports



Low-carbon Power Jan - Feb

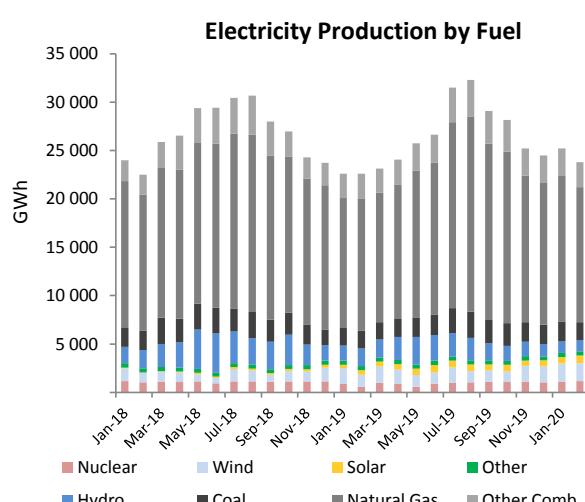
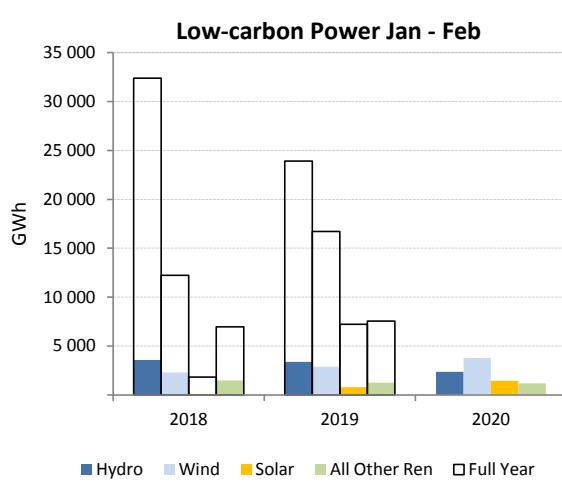
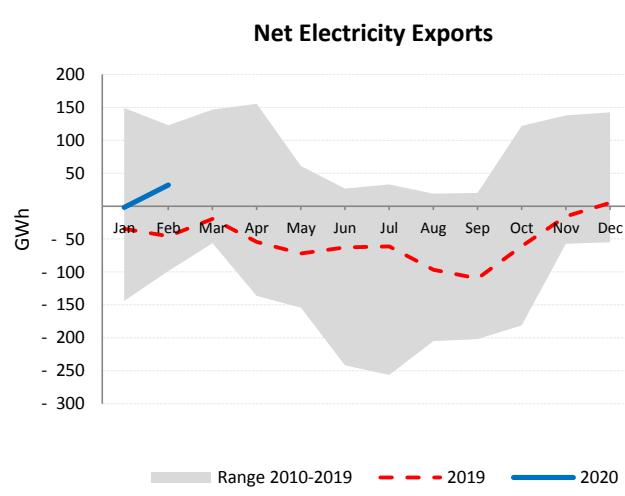
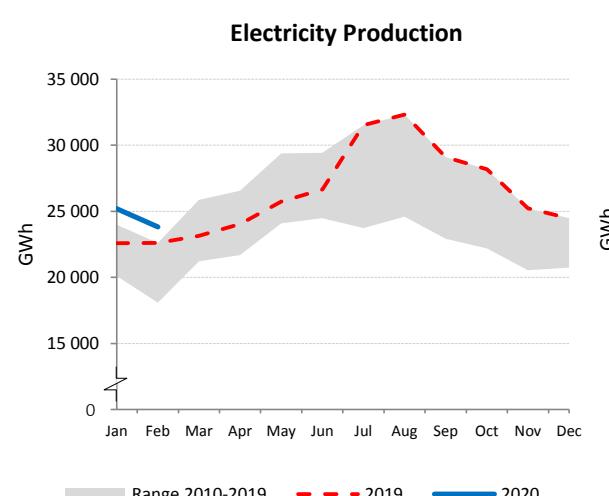


Electricity Production by Fuel



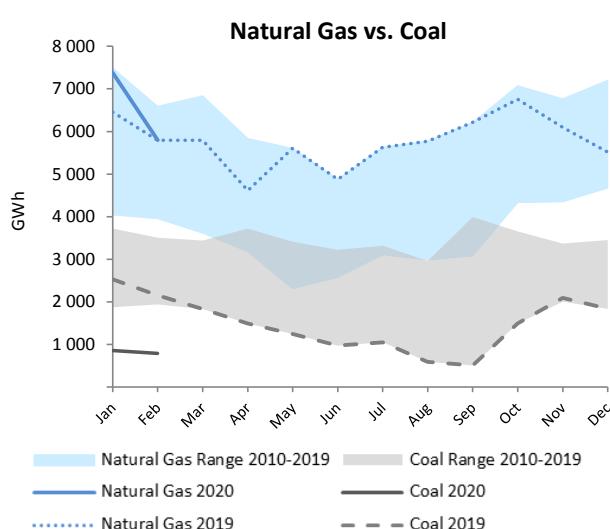
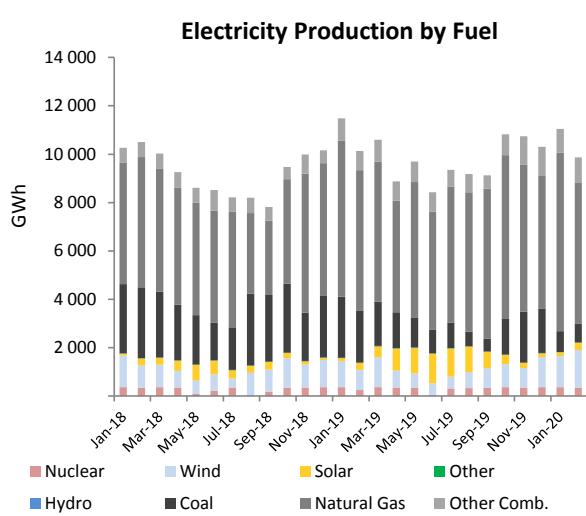
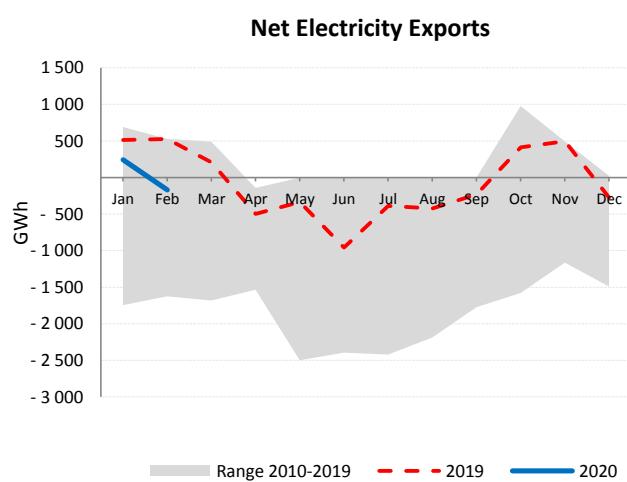
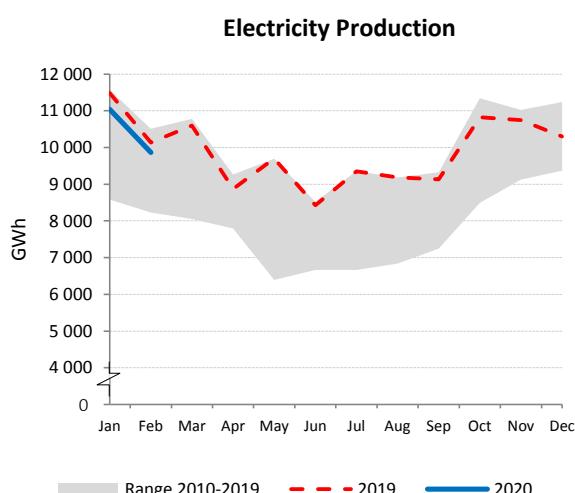
MEXICO

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	18 410	1.9%	-7.6%	77.3%	38 333	35 805	7.1%	251 457	79.7%
Coal	1 865	1.9%	-7.6%	7.8%	3 884	3 628	7.1%	25 480	8.1%
Oil	2 391	1.9%	-7.6%	10.0%	4 979	4 651	7.1%	32 664	10.4%
Natural Gas	13 943	1.9%	-7.6%	58.6%	29 033	27 119	7.1%	190 453	60.4%
Combustible Renewables	175	1.9%	-7.6%	0.7%	363	339	7.1%	2 384	0.8%
Other Combustibles	35	1.9%	-7.6%	0.1%	73	68	7.1%	477	0.2%
Nuclear	1 157	104.9%	6.3%	4.9%	2 246	1 435	56.5%	11 068	3.5%
Hydro	1 168	-35.2%	-2.5%	4.9%	2 367	3 363	-29.6%	23 912	7.6%
Wind	1 874	49.8%	-1.8%	7.9%	3 783	2 879	31.4%	16 725	5.3%
Solar ⁵	784	71.5%	19.1%	3.3%	1 442	808	78.5%	7 207	2.3%
Geothermal	414	-10.3%	-2.1%	1.7%	837	901	-7.1%	5 167	1.6%
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	4 415	6.5%	0.9%	18.5%	8 793	8 290	6.1%	55 395	17.6%
NON-RENEWABLES	19 393	5.1%	-6.9%	81.5%	40 215	36 901	9.0%	260 141	82.4%
TOTAL NET PRODUCTION	23 808	5.3%	-5.5%		49 008	45 191	8.4%	315 537	
+ Imports	42	-78.9%	3.6%		82	331	-75.3%	1 590	
- Exports	74	-51.4%	93.4%		112	251	-55.4%	962	
= ELECTRICITY SUPPLIED	23 775	5.0%	-5.7%		48 978	45 271	8.2%	316 164	
- Used for pumped storage	-	-	-		-	-	-	-	
- T&D Losses ⁴	3 439	4.6%	-5.5%		7 078	6 563	7.8%	42 638	
= ELECTRICITY CONSUMED	20 337	5.0%	-5.7%		41 900	38 707	8.2%	273 526	

¹ current month to month of last year change⁴ estimated² month-to-month change³ year-to-date compared to same period last year

NETHERLANDS

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	7 643	-12.6%	-17.0%	77.5%	16 857	18 643	-9.6%	97 170	81.8%
Coal	787	-63.5%	-8.3%	8.0%	1 645	4 683	-64.9%	17 787	15.0%
Oil	326	32.1%	6.3%	3.3%	632	528	19.8%	3 185	2.7%
Natural Gas	5 800	0.1%	-21.4%	58.8%	13 182	12 248	7.6%	69 110	58.2%
Combustible Renewables	561	61.3%	14.6%	5.7%	1 049	746	40.6%	5 033	4.2%
Other Combustibles	171	-15.5%	-3.6%	1.7%	348	438	-20.5%	2 056	1.7%
Nuclear	338	33.5%	-8.5%	3.4%	708	623	13.6%	3 792	3.2%
Hydro	2	-68.0%	-76.8%	0.0%	11	15	-27.8%	62	0.1%
Wind	1 566	89.6%	22.6%	15.9%	2 844	1 915	48.5%	9 909	8.3%
Solar	304	3.9%	87.2%	3.1%	466	408	14.3%	7 717	6.5%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified⁴	9	-	-	0.1%	17	17	-	103	0.1%
RENEWABLES	2 433	65.2%	25.6%	24.7%	4 370	3 084	41.7%	22 721	19.1%
NON-RENEWABLES	7 430	-14.2%	-18.4%	75.3%	16 532	18 537	-10.8%	96 033	80.9%
TOTAL NET PRODUCTION	9 862	-2.7%	-10.7%		20 902	21 621	-3.3%	118 754	
+ Imports	1 654	23.8%	-4.4%		3 385	2 929	15.6%	20 219	
- Exports	1 487	-20.3%	-24.7%		3 460	3 973	-12.9%	19 269	
= ELECTRICITY SUPPLIED	10 030	4.4%	-7.1%		20 827	20 577	1.2%	119 704	
- Used for pumped storage	-	-	-		-	-	-	-	
- T&D Losses ⁴	406	-1.5%	-10.4%		859	872	-1.5%	4 893	
= ELECTRICITY CONSUMED	9 624	4.7%	-7.0%		19 969	19 706	1.3%	114 811	

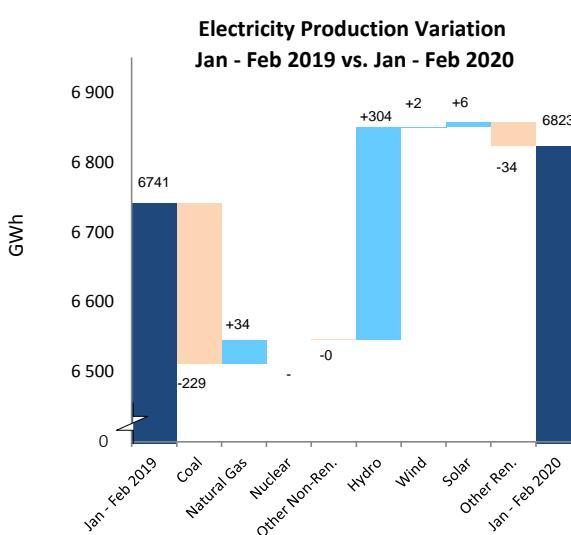
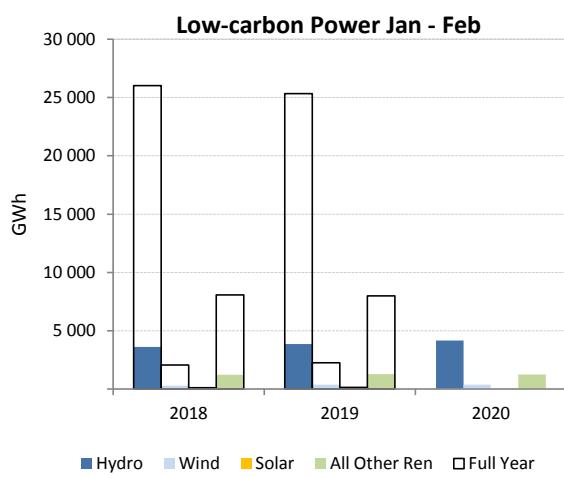
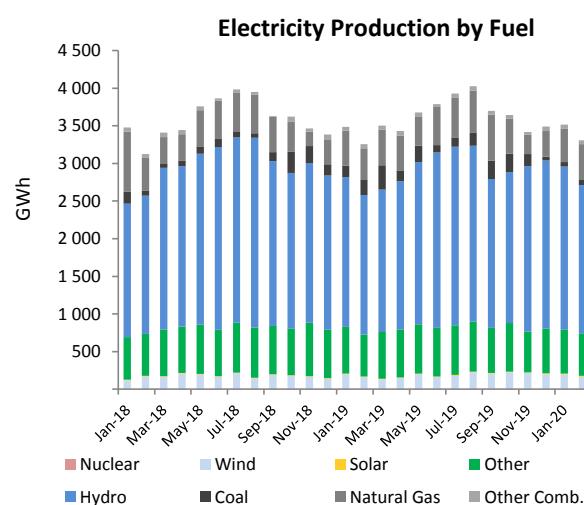
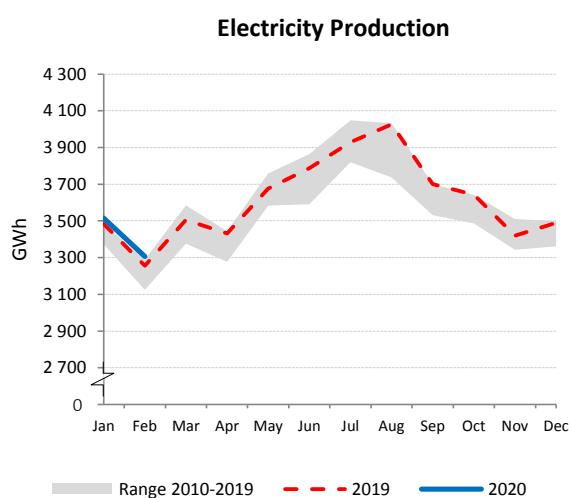
¹ current month to month of last year change⁴ estimated² month-to-month change³ year-to-date compared to same period last year

NEW ZEALAND

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	593	-12.5%	6.7%	17.9%	1 148	1 342	-14.4%	8 224	19.0%
Coal	75	-64.0%	32.5%	2.3%	132	361	-63.4%	2 130	4.9%
Oil	0	-54.2%	35.7%	0.0%	0	1	-40.3%	3	0.0%
Natural Gas	468	12.4%	4.7%	14.1%	914	880	3.8%	5 487	12.7%
Combustible Renewables	50	-3.8%	-4.7%	1.5%	102	100	1.7%	604	1.4%
Other Combustibles	-	-	-	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-	-	-	-
Hydro	1 973	6.6%	-9.2%	59.7%	4 145	3 841	7.9%	25 332	58.4%
Wind	165	2.3%	-15.8%	5.0%	360	358	0.4%	2 233	5.2%
Solar	12	38.2%	1.6%	0.4%	24	18	31.4%	124	0.3%
Geothermal	561	1.2%	-2.8%	17.0%	1 138	1 173	-3.0%	7 388	17.0%
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	4	-	-	0.1%	8	8	-	49	0.1%
RENEWABLES	2 760	5.1%	-8.3%	83.5%	5 768	5 491	5.0%	35 681	82.3%
NON-RENEWABLES	547	-13.1%	7.8%	16.5%	1 055	1 250	-15.6%	7 670	17.7%
TOTAL NET PRODUCTION	3 307	1.6%	-5.9%		6 823	6 741	1.2%	43 351	
+ Imports	-	-	-	-	-	-	-	-	-
- Exports	-	-	-	-	-	-	-	-	-
= ELECTRICITY SUPPLIED	3 307	1.6%	-5.9%		6 823	6 741	1.2%	43 351	
- Used for pumped storage	-	-	-	-	-	-	-	-	-
- T&D Losses	227	1.6%	-5.9%		468	463	1.2%	2 976	
= ELECTRICITY CONSUMED	3 080	1.6%	-5.9%		6 354	6 278	1.2%	40 375	

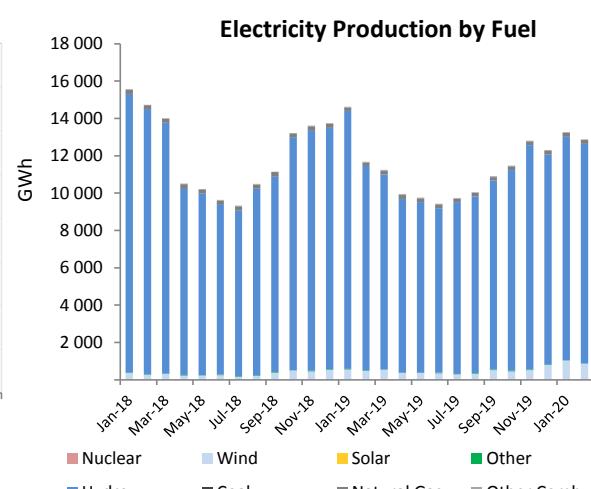
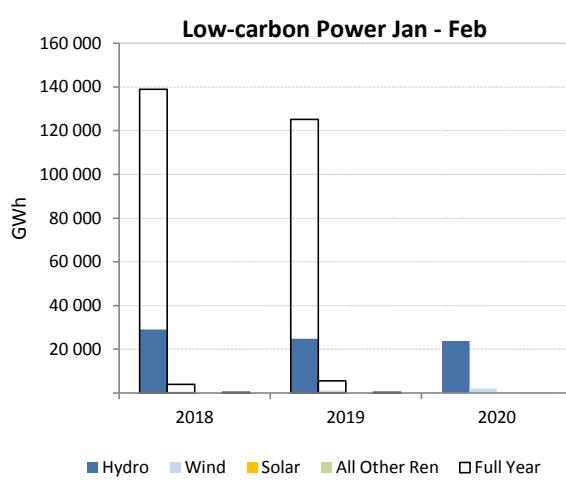
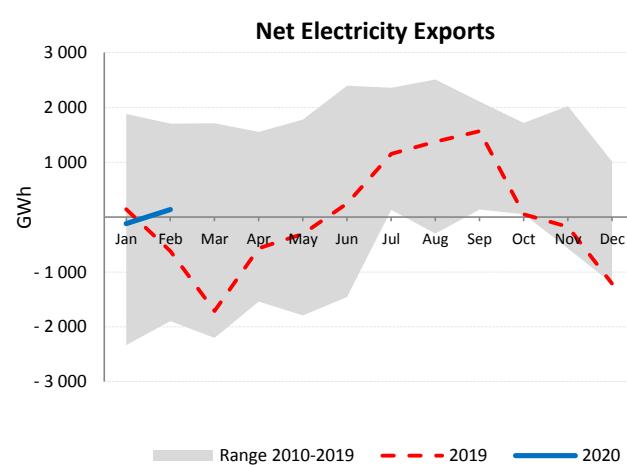
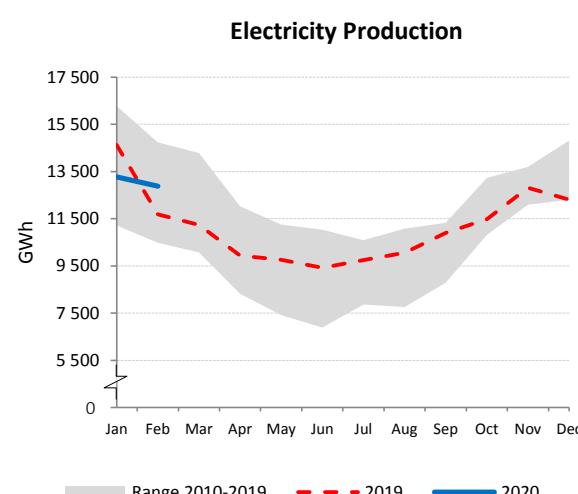
¹ current month to month of last year change

February 2020 is estimated by the IEA Secretariat

² month-to-month change³ year-to-date compared to same period last year

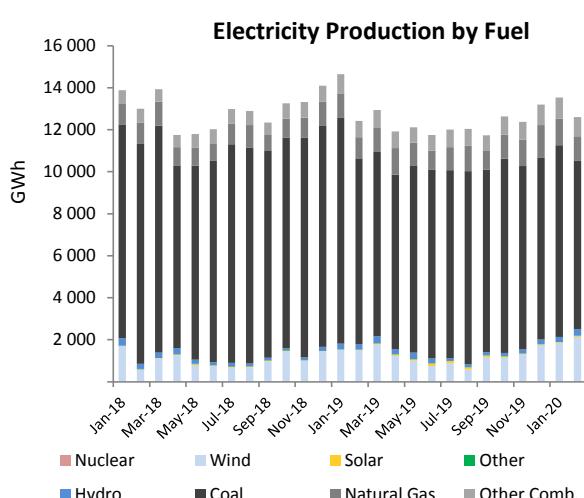
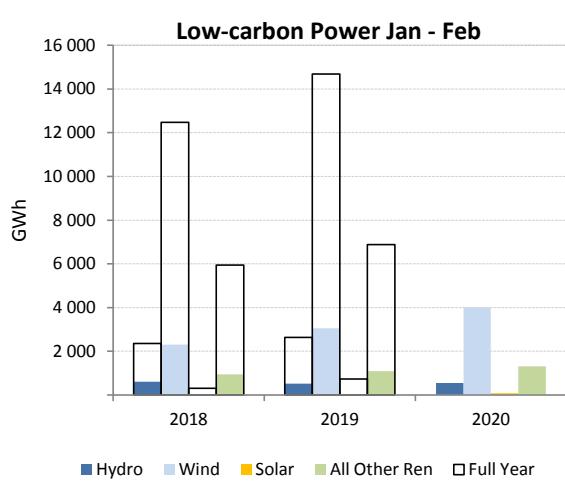
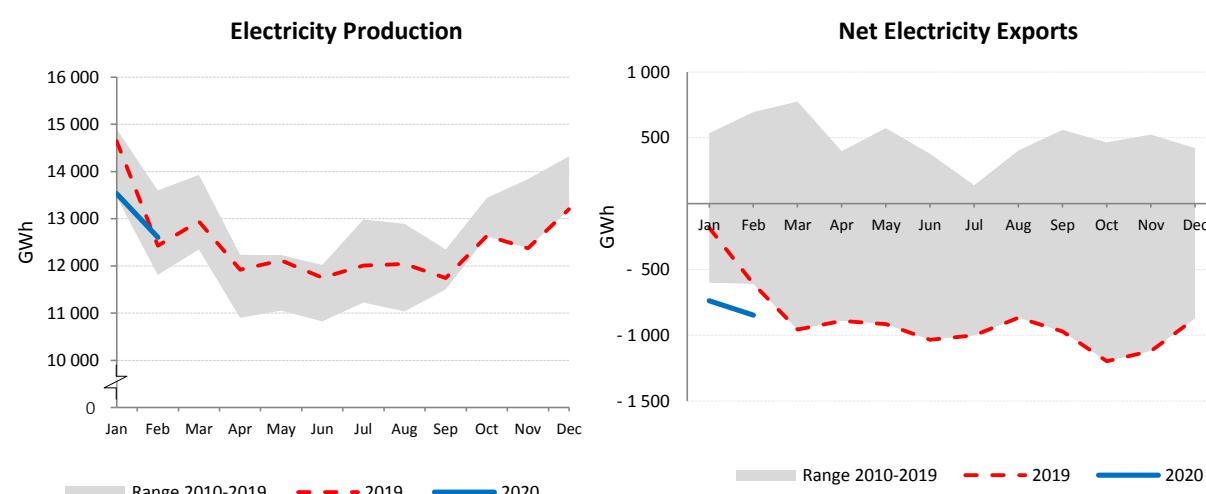
NORWAY

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	235	4.9%	-5.9%	1.8%	486	450	8.0%	2 836	2.1%
Coal ⁴	-	-	-	-	-	-	-	-	-
Oil ⁴	-	-	-	-	-	-	-	-	-
Natural Gas	199	6.8%	-5.8%	1.5%	409	372	10.2%	2 379	1.8%
Combustible Renewables	20	-1.8%	-2.9%	0.2%	41	41	1.1%	256	0.2%
Other Combustibles	16	-7.4%	-11.2%	0.1%	35	37	-5.5%	202	0.2%
Nuclear	-	-	-	-	-	-	-	-	-
Hydro	11 756	7.4%	-1.8%	91.3%	23 723	24 765	-4.2%	125 258	93.5%
Wind	854	74.8%	-16.7%	6.6%	1 878	1 044	79.9%	5 536	4.1%
Solar	-	-	-	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	28	-	-	0.2%	56	56	-	334	0.2%
RENEWABLES	12 630	10.3%	-2.9%	98.1%	25 642	25 850	-0.8%	131 050	97.8%
NON-RENEWABLES	243	4.9%	-5.5%	1.9%	500	465	7.7%	2 915	2.2%
TOTAL NET PRODUCTION	12 873	10.2%	-3.0%	-	26 142	26 315	-0.7%	133 965	-
+ Imports	949	-17.5%	-11.1%	-	2 017	2 346	-14.1%	12 353	-
- Exports	1 089	105.7%	15.0%	-	2 035	1 866	9.1%	12 309	-
= ELECTRICITY SUPPLIED	12 733	3.5%	-4.9%	-	26 124	26 794	-2.5%	134 009	-
- Used for pumped storage	24	143.2%	-72.5%	-	112	21	443.8%	1 057	-
- T&D Losses	793	10.1%	-3.0%	-	1 611	1 622	-0.7%	8 257	-
= ELECTRICITY CONSUMED	11 916	2.9%	-4.6%	-	24 400	25 152	-3.0%	124 695	-

¹ current month to month of last year change⁴ estimated from annual data² month-to-month change³ year-to-date compared to same period last year

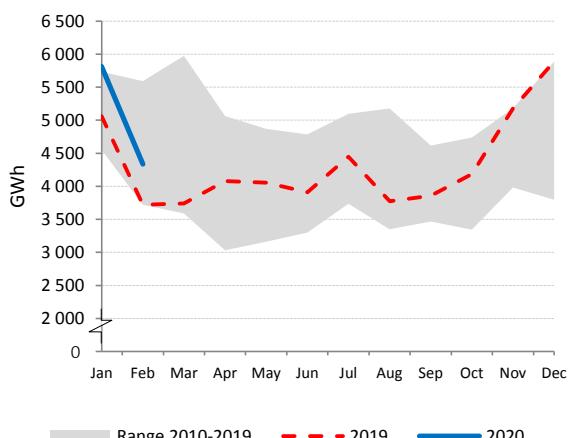
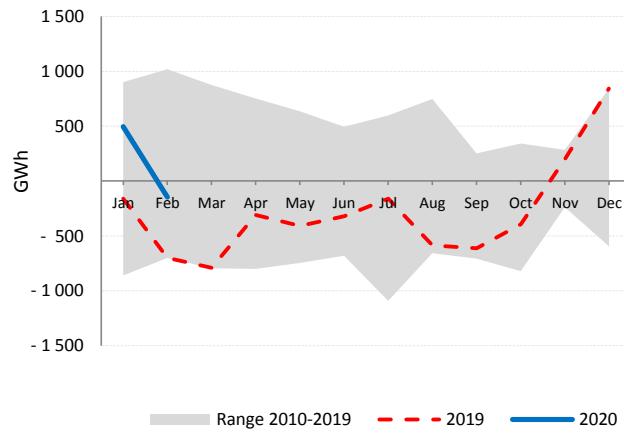
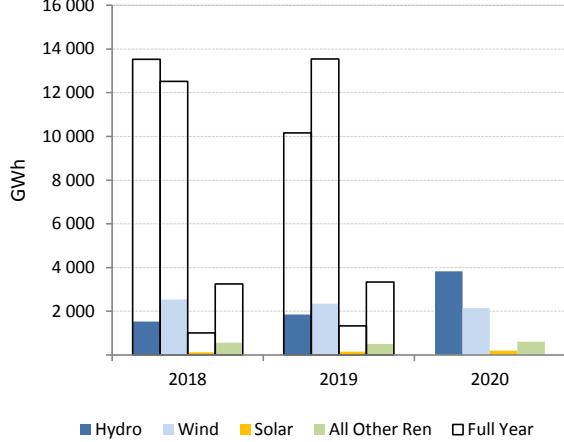
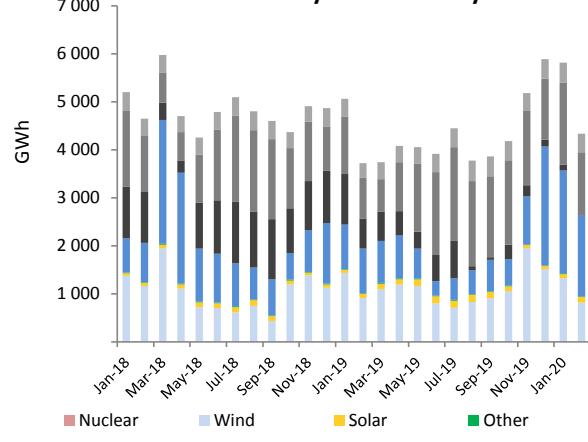
POLAND

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	10 108	-4.8%	-11.3%	80.2%	21 506	23 454	-8.3%	131 630	87.9%
Coal	8 014	-9.3%	-12.2%	63.6%	17 140	19 614	-12.6%	107 028	71.4%
Oil ⁴	-	-	-	-	-	-	-	1 014	0.7%
Natural Gas	1 174	16.0%	-7.7%	9.3%	2 447	2 152	13.7%	13 718	9.2%
Combustible Renewables	623	22.4%	-8.6%	4.9%	1 306	1 086	20.3%	6 883	4.6%
Other Combustibles	296	10.7%	-6.7%	2.3%	613	603	1.6%	2 988	2.0%
Nuclear	-	-	-	-	-	-	-	-	-
Hydro	305	17.9%	28.6%	2.4%	542	514	5.5%	2 635	1.8%
Wind	2 136	41.3%	14.8%	16.9%	3 998	3 052	31.0%	14 685	9.8%
Solar	47	97.4%	84.2%	0.4%	72	30	139.0%	728	0.5%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	10	-	-	0.1%	20	20	-	122	0.1%
RENEWABLES	3 112	35.0%	10.9%	24.7%	5 918	4 682	26.4%	24 929	16.6%
NON-RENEWABLES	9 494	-6.2%	-11.5%	75.3%	20 221	22 389	-9.7%	124 870	83.4%
TOTAL NET PRODUCTION	12 606	1.4%	-6.8%		26 138	27 071	-3.4%	149 799	
+ Imports	1 567	27.5%	-16.3%		3 440	2 443	40.8%	17 868	
- Exports	721	16.3%	-36.5%		1 855	1 650	12.5%	7 245	
= ELECTRICITY SUPPLIED	13 453	3.2%	-5.7%		27 723	27 865	-0.5%	160 422	
- Used for pumped storage	127	71.3%	5.5%		247	149	65.8%	1 034	
- T&D Losses	776	41.0%	-23.1%		1 786	1 362	31.1%	10 969	
= ELECTRICITY CONSUMED	12 549	1.1%	-4.5%		25 689	26 353	-2.5%	148 420	

¹ current month to month of last year change⁴ monthly figures are confidential² month-to-month change³ year-to-date compared to same period last year

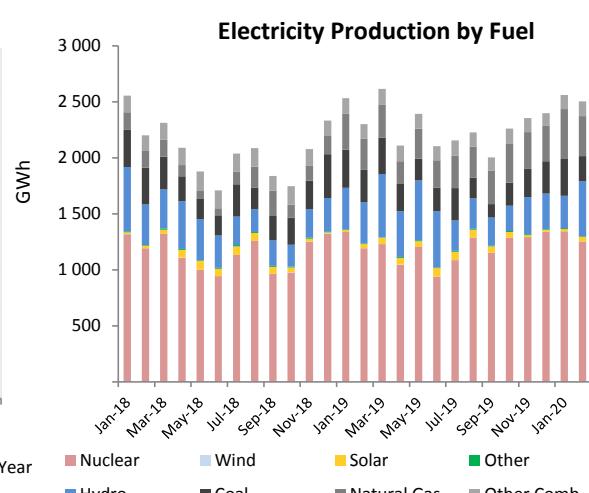
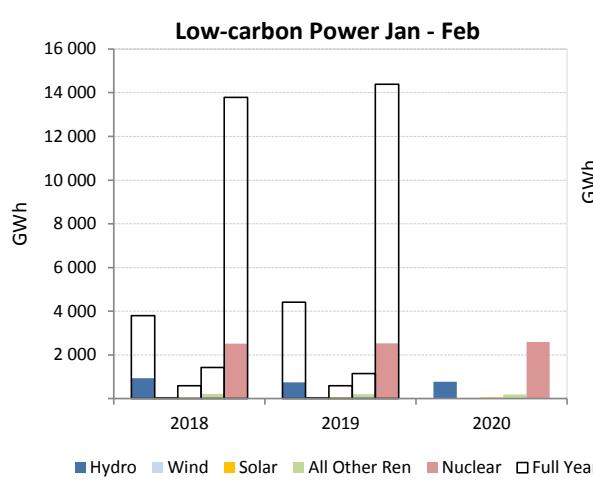
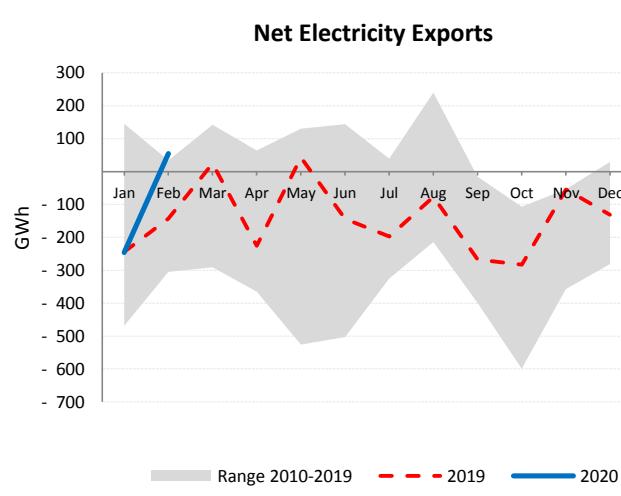
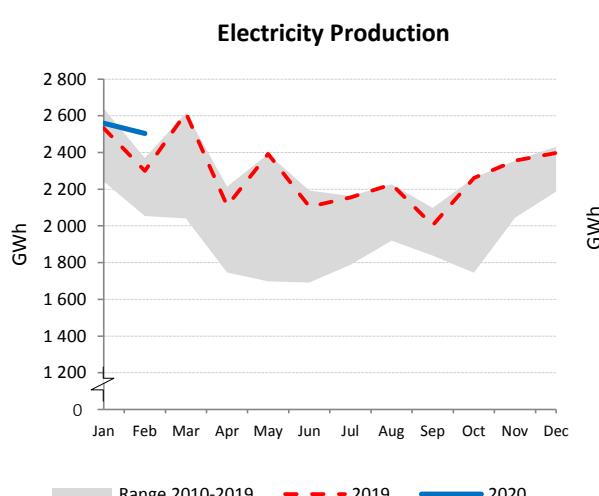
PORTUGAL

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	1 702	-4.4%	-24.2%	39.3%	3 948	4 403	-10.3%	26 672	51.4%
Coal	20	-96.7%	-82.7%	0.5%	138	1 674	-91.7%	5 283	10.2%
Oil	86	18.1%	-13.7%	2.0%	186	160	16.3%	1 107	2.1%
Natural Gas	1 297	51.6%	-24.3%	29.9%	3 009	2 053	46.6%	16 891	32.5%
Combustible Renewables	281	31.7%	-4.4%	6.5%	575	474	21.3%	3 150	6.1%
Other Combustibles	18	-5.4%	-15.7%	0.4%	40	43	-6.7%	242	0.5%
Nuclear	-	-	-	-	-	-	-	-	-
Hydro	1 686	82.5%	-21.3%	38.9%	3 828	1 846	107.3%	10 157	19.6%
Wind	817	-11.0%	-38.3%	18.8%	2 140	2 349	-8.9%	13 551	26.1%
Solar	114	37.0%	34.6%	2.6%	199	152	31.6%	1 332	2.6%
Geothermal	17	4.3%	-4.3%	0.4%	34	33	3.4%	191	0.4%
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	2 915	35.3%	-24.5%	67.2%	6 776	4 854	39.6%	28 382	54.7%
NON-RENEWABLES	1 421	-9.3%	-27.2%	32.8%	3 373	3 930	-14.2%	23 522	45.3%
TOTAL NET PRODUCTION	4 336	16.5%	-25.4%		10 149	8 784	15.5%	51 904	
+ Imports	635	-24.9%	35.9%		1 102	1 519	-27.5%	8 098	
- Exports	488	239.1%	-49.3%		1 451	658	120.6%	4 698	
= ELECTRICITY SUPPLIED	4 483	1.4%	-15.7%		9 799	9 645	1.6%	55 304	
- Used for pumped storage	137	7.4%	-33.3%		342	289	18.3%	1 848	
- T&D Losses	445	10.2%	-14.7%		967	879	10.1%	5 027	
= ELECTRICITY CONSUMED	3 900	0.3%	-15.0%		8 490	8 477	0.2%	48 428	

¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year**Electricity Production****Net Electricity Exports****Low-carbon Power Jan - Feb****Electricity Production by Fuel**

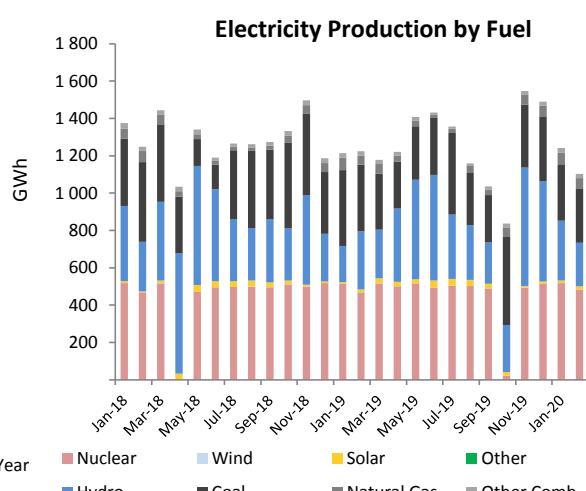
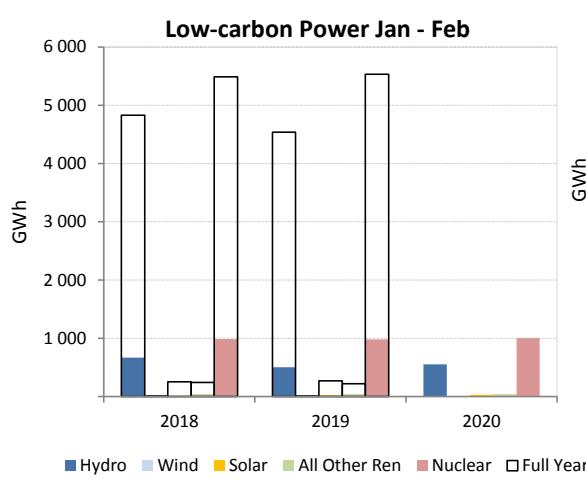
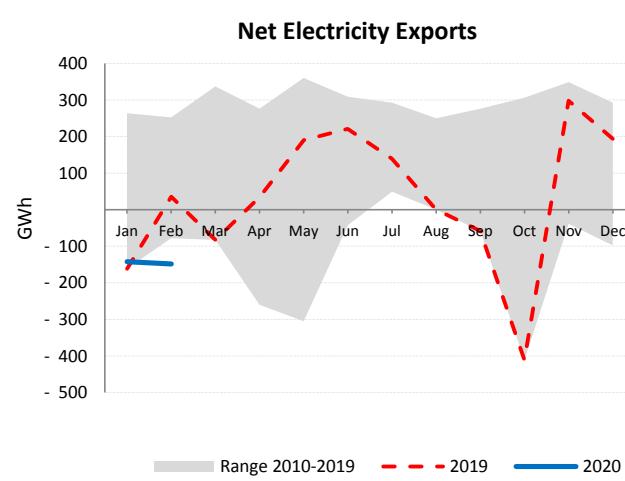
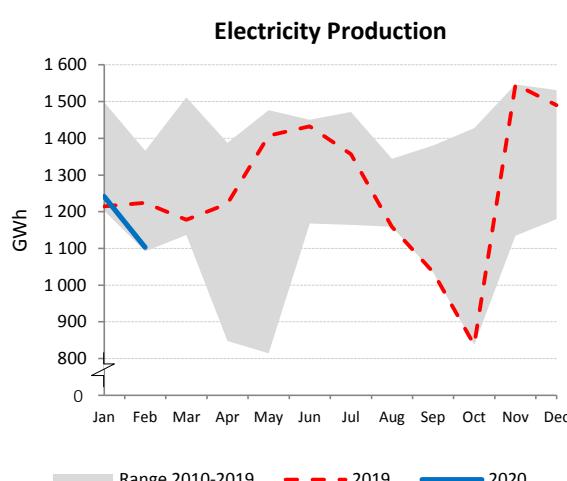
SLOVAK REPUBLIC

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	714	2.6%	-20.6%	28.5%	1 614	1 497	7.8%	7 974	29.0%
Coal	227	-21.3%	-31.2%	9.1%	556	630	-11.7%	2 941	10.7%
Oil	30	-	-3.2%	1.2%	62	65	-4.7%	402	1.5%
Natural Gas	356	28.1%	-20.1%	14.2%	801	596	34.4%	3 468	12.6%
Combustible Renewables	100	1.6%	8.3%	4.0%	192	204	-6.0%	1 148	4.2%
Other Combustibles	1	25.7%	2.3%	0.1%	3	2	17.5%	15	0.1%
Nuclear	1 253	5.0%	-6.8%	50.1%	2 597	2 530	2.6%	14 382	52.4%
Hydro	490	32.4%	70.1%	19.6%	777	741	4.9%	4 418	16.1%
Wind	-	-	-	-	-	-	-	4	0.0%
Solar	41	13.9%	115.8%	1.6%	60	53	13.2%	588	2.1%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	5	-	-40.0%	0.2%	15	13	14.3%	89	0.3%
RENEWABLES	630	25.0%	58.0%	25.2%	1 029	998	3.1%	6 158	22.4%
NON-RENEWABLES	1 873	4.3%	-13.3%	74.8%	4 033	3 835	5.2%	21 297	77.6%
TOTAL NET PRODUCTION	2 503	8.8%	-2.2%		5 062	4 833	4.7%	27 455	
+ Imports	1 346	17.9%	-26.9%		3 187	2 742	16.2%	13 537	
- Exports	1 401	40.2%	-12.2%		2 996	2 355	27.2%	11 837	
= ELECTRICITY SUPPLIED	2 448	0.2%	-12.7%		5 254	5 221	0.6%	29 155	
- Used for pumped storage	26	30.0%	-29.7%		63	53	18.9%	297	
- T&D Losses ⁴	127	11.8%	-12.5%		273	251	8.9%	1 358	
= ELECTRICITY CONSUMED	2 295	-0.6%	-12.5%		4 917	4 916	0.0%	27 500	

¹ current month to month of last year change⁴ estimated² month-to-month change³ year-to-date compared to same period last year

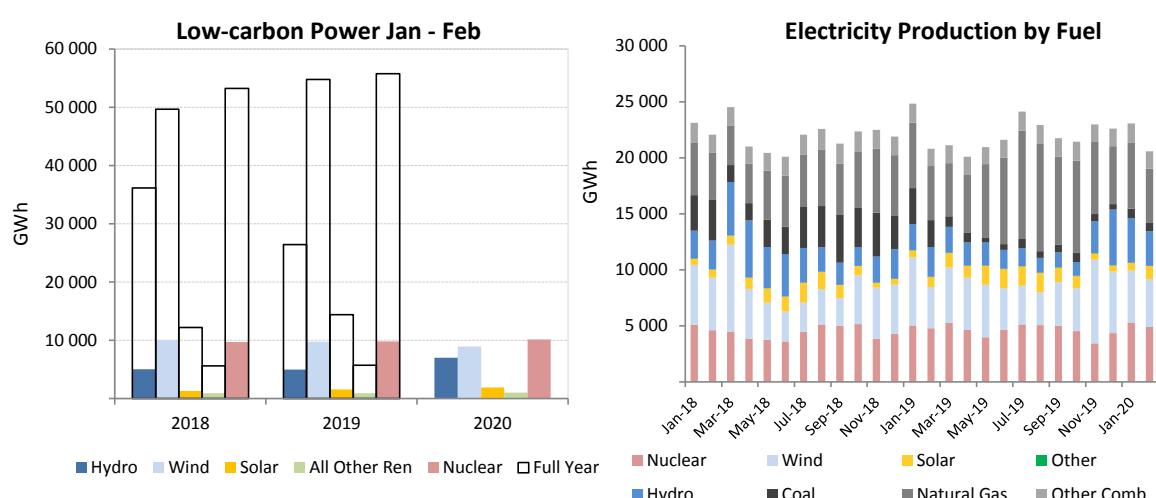
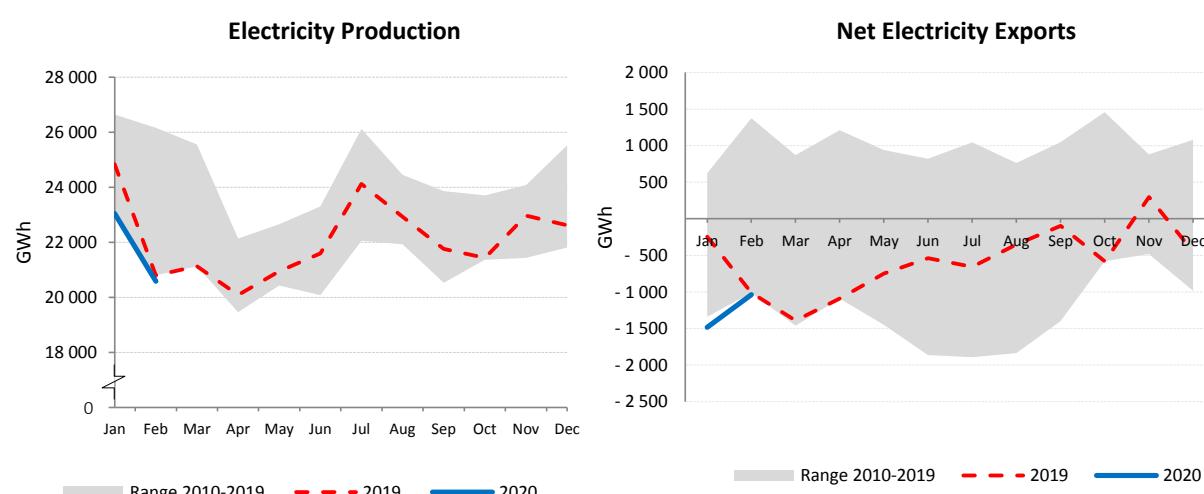
SLOVENIA

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	370	-13.7%	-5.1%	33.5%	759	926	-18.0%	4 756	31.5%
Coal	292	-18.2%	-2.4%	26.4%	590	762	-22.5%	4 032	26.7%
Oil	0	-91.9%	-91.2%	0.0%	1	2	-70.8%	5	0.0%
Natural Gas	56	15.3%	-16.5%	5.0%	122	115	6.3%	491	3.3%
Combustible Renewables	22	-2.3%	-5.2%	2.0%	44	45	-1.7%	220	1.5%
Other Combustibles	1	6.5%	0.2%	0.1%	2	2	-0.6%	9	0.1%
Nuclear	483	3.4%	-6.7%	43.8%	1 002	982	2.0%	5 533	36.6%
Hydro	233	-25.4%	-27.5%	21.1%	553	505	9.6%	4 540	30.1%
Wind	0	-31.0%	-25.1%	0.0%	1	1	-33.8%	6	0.0%
Solar	17	4.3%	32.3%	1.5%	30	25	20.1%	268	1.8%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	272	-22.6%	-23.9%	24.6%	628	576	9.0%	5 034	33.3%
NON-RENEWABLES	831	-4.8%	-6.1%	75.4%	1 716	1 863	-7.9%	10 069	66.7%
TOTAL NET PRODUCTION	1 103	-9.9%	-11.2%		2 345	2 439	-3.9%	15 103	
+ Imports	763	8.8%	-1.9%		1 541	1 607	-4.1%	9 021	
- Exports	614	-16.7%	-3.5%		1 250	1 481	-15.6%	9 421	
= ELECTRICITY SUPPLIED	1 252	5.3%	-9.5%		2 636	2 565	2.8%	14 704	
- Used for pumped storage	32	-	-10.6%		68	-	-	272	
- T&D Losses	81	-3.7%	-25.0%		188	205	-7.9%	858	
= ELECTRICITY CONSUMED	1 139	3.1%	-8.2%		2 379	2 360	0.8%	13 574	

¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year

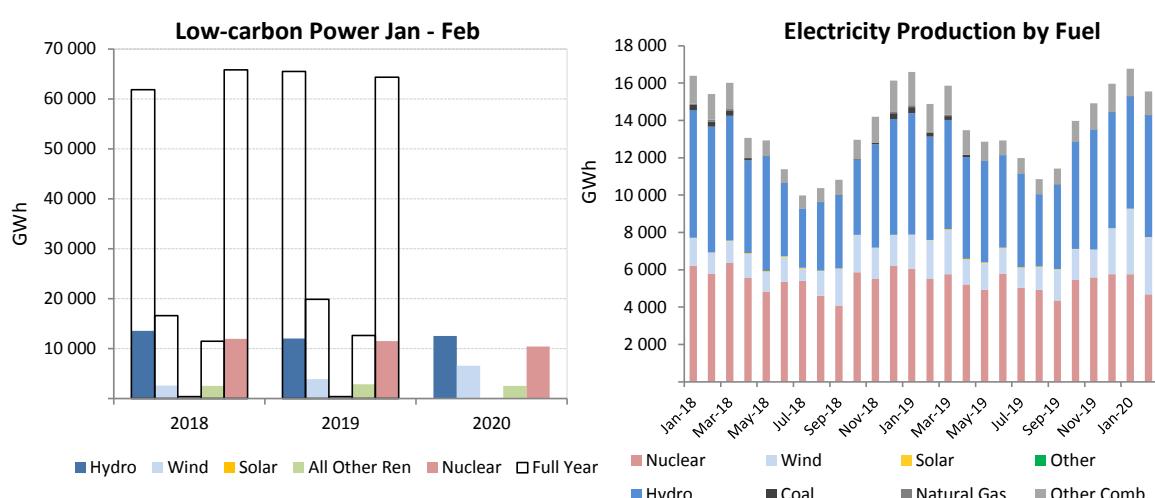
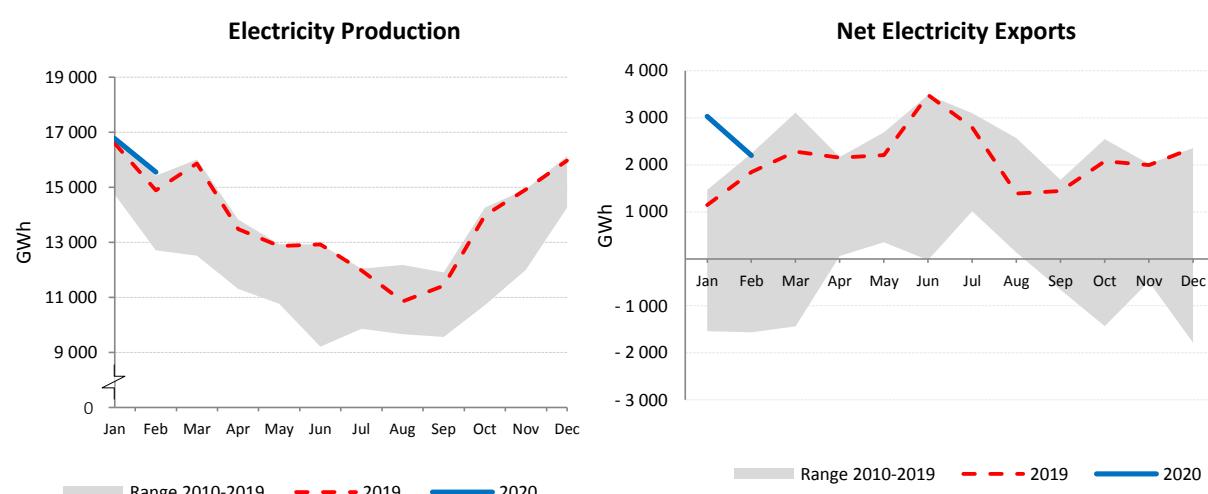
SPAIN

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	7 160	-18.2%	-15.3%	34.8%	15 618	19 535	-20.1%	113 696	42.9%
Coal	809	-65.9%	-5.2%	3.9%	1 661	5 616	-70.4%	12 477	4.7%
Oil	962	-4.8%	-12.1%	4.7%	2 057	2 144	-4.1%	12 770	4.8%
Natural Gas	4 804	-0.8%	-19.1%	23.3%	10 741	10 687	0.5%	81 842	30.9%
Combustible Renewables	518	14.9%	2.0%	2.5%	1 025	931	10.1%	5 720	2.2%
Other Combustibles	68	-9.6%	2.0%	0.3%	134	157	-14.7%	886	0.3%
Nuclear	4 882	2.5%	-7.6%	23.7%	10 168	9 801	3.7%	55 786	21.0%
Hydro	3 072	14.7%	-22.6%	14.9%	7 040	4 976	41.5%	26 426	10.0%
Wind	4 281	15.5%	-7.7%	20.8%	8 919	9 754	-8.6%	54 800	20.7%
Solar	1 188	33.4%	70.1%	5.8%	1 886	1 557	21.1%	14 424	5.4%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified⁴	7	-	-	0.0%	13	13	-	79	0.0%
RENEWABLES	9 059	17.3%	-7.7%	44.0%	18 870	17 218	9.6%	101 370	38.2%
NON-RENEWABLES	11 531	-11.8%	-12.9%	56.0%	24 774	28 419	-12.8%	163 841	61.8%
TOTAL NET PRODUCTION	20 590	-1.0%	-10.7%		43 644	45 637	-4.4%	265 210	
+ Imports	1 825	-11.3%	-22.0%		4 166	3 639	14.5%	18 721	
- Exports	790	-24.5%	-8.0%		1 648	2 381	-30.8%	11 859	
= ELECTRICITY SUPPLIED	21 626	-0.9%	-11.9%		46 163	46 895	-1.6%	272 073	
- Used for pumped storage	393	15.0%	-1.7%		792	637	24.4%	3 204	
- T&D Losses	1 981	-1.3%	-12.0%		4 231	4 324	-2.2%	25 011	
= ELECTRICITY CONSUMED	19 252	-1.1%	-12.0%		41 140	41 934	-1.9%	243 858	

¹ current month to month of last year change⁴ estimated² month-to-month change³ year-to-date compared to same period last year

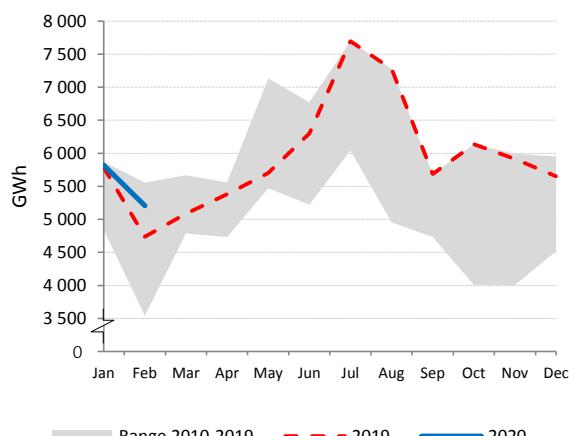
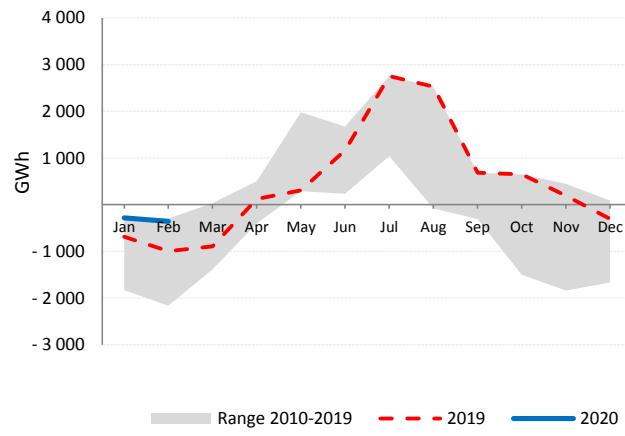
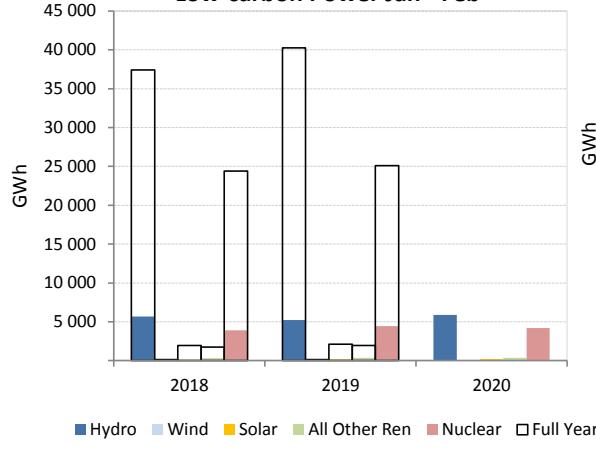
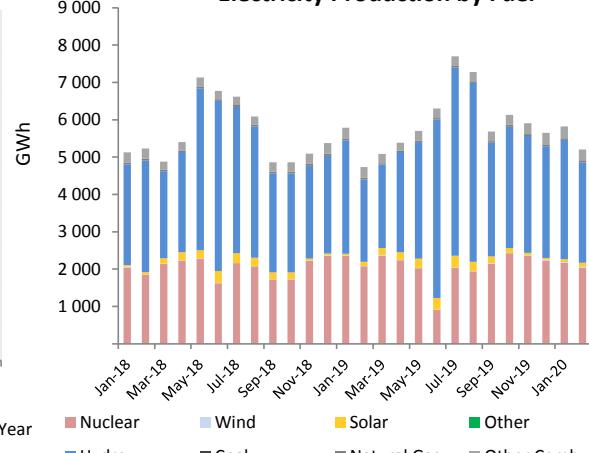
SWEDEN

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	1 268	-27.7%	-14.4%	8.2%	2 750	3 954	-30.4%	15 576	9.4%
Coal	2	-98.9%	272.0%	0.0%	3	520	-99.4%	851	0.5%
Oil	7	-75.2%	-30.6%	0.0%	17	112	-84.8%	306	0.2%
Natural Gas	8	-90.0%	1.9%	0.0%	15	184	-91.8%	313	0.2%
Combustible Renewables	1 170	-10.5%	-14.8%	7.5%	2 543	2 855	-10.9%	12 654	7.6%
Other Combustibles	81	-40.1%	-10.8%	0.5%	172	282	-39.1%	1 452	0.9%
Nuclear	4 684	-14.8%	-18.7%	30.1%	10 444	11 548	-9.6%	64 333	38.8%
Hydro	6 532	18.1%	8.6%	42.0%	12 546	12 029	4.3%	65 526	39.5%
Wind	3 048	46.3%	-13.2%	19.6%	6 559	3 922	67.2%	19 884	12.0%
Solar ⁴	16	-	118.2%	0.1%	24	24	-	407	0.2%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	10 767	20.4%	-1.3%	69.2%	21 672	18 830	15.1%	98 472	59.4%
NON-RENEWABLES	4 782	-19.5%	-18.5%	30.8%	10 651	12 646	-15.8%	67 255	40.6%
TOTAL NET PRODUCTION	15 549	4.5%	-7.3%		32 323	31 476	2.7%	165 726	
+ Imports	617	-4.9%	105.6%		917	1 812	-49.4%	8 948	
- Exports	2 814	12.8%	-15.6%		6 148	4 802	28.0%	34 116	
= ELECTRICITY SUPPLIED	13 351	2.4%	-2.8%		27 091	28 487	-4.9%	140 558	
- Used for pumped storage	7	14673.5%	223.2%		9	1	1099.9%	24	
- T&D Losses	1 033	4.4%	-6.9%		2 142	2 331	-8.1%	10 253	
= ELECTRICITY CONSUMED	12 311	2.2%	-2.5%		24 939	26 154	-4.6%	130 281	

¹ current month to month of last year change⁴ estimated by the IEA secretariat² month-to-month change³ year-to-date compared to same period last year

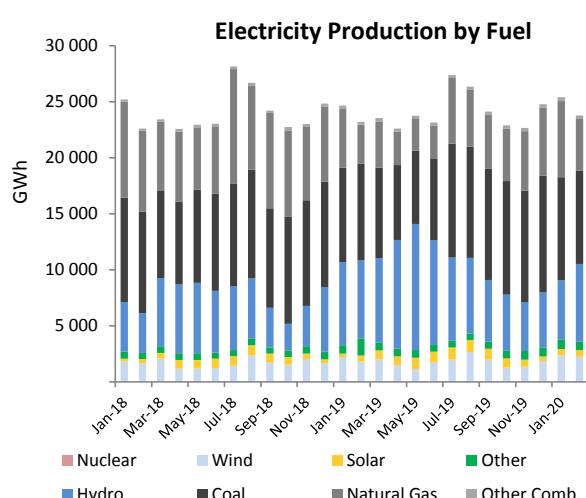
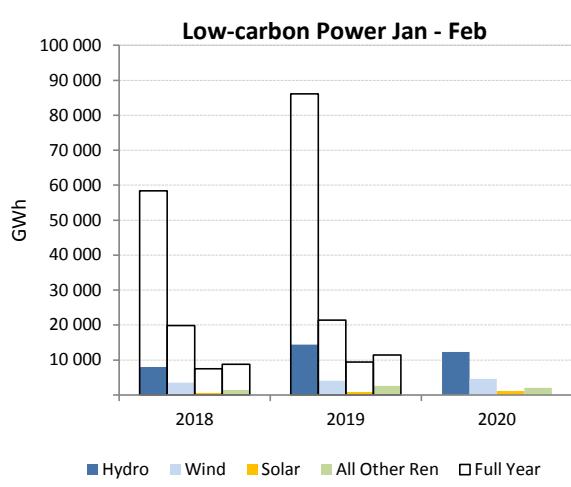
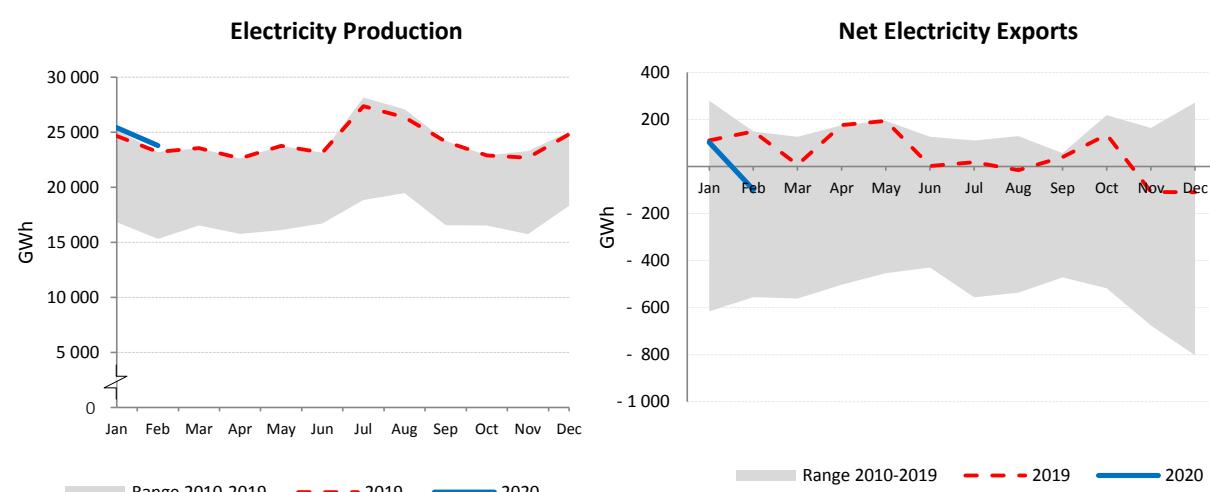
SWITZERLAND

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	358	6.4%	-	6.9%	717	683	5.0%	3 731	5.2%
Coal	-	-	-	-	-	-	-	-	-
Oil	1	-50.0%	-	0.0%	2	4	-50.0%	24	0.0%
Natural Gas	44	-9.0%	0.0%	0.8%	87	97	-10.1%	532	0.7%
Combustible Renewables	188	7.6%	-	3.6%	376	353	6.3%	1 931	2.7%
Other Combustibles	126	12.2%	-	2.4%	252	228	10.5%	1 243	1.7%
Nuclear	2 032	-2.0%	-6.4%	39.0%	4 203	4 428	-5.1%	25 093	35.2%
Hydro	2 680	21.8%	-16.2%	51.5%	5 878	5 228	12.4%	40 274	56.4%
Wind	24	71.4%	50.0%	0.5%	41	26	53.8%	149	0.2%
Solar	113	2.8%	46.0%	2.2%	190	156	21.8%	2 099	2.9%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	3 005	20.2%	-13.6%	57.7%	6 484	5 764	12.5%	44 453	62.3%
NON-RENEWABLES	2 203	-1.4%	-5.9%	42.3%	4 544	4 757	-4.5%	26 893	37.7%
TOTAL NET PRODUCTION	5 207	10.0%	-10.5%		11 028	10 521	4.8%	71 345	
+ Imports	3 395	-5.1%	-0.9%		6 821	7 279	-6.3%	31 017	
- Exports	3 039	17.5%	-3.3%		6 181	5 602	10.3%	36 538	
= ELECTRICITY SUPPLIED	5 564	-2.9%	-8.9%		11 668	12 197	-4.3%	65 824	
- Used for pumped storage	223	16.0%	12.6%		420	403	4.3%	3 965	
- T&D Losses	369	-3.1%	1.1%		734	768	-4.4%	4 241	
= ELECTRICITY CONSUMED	4 972	-3.5%	-10.3%		10 513	11 027	-4.7%	57 618	

¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year**Electricity Production****Net Electricity Exports****Low-carbon Power Jan - Feb****Electricity Production by Fuel**

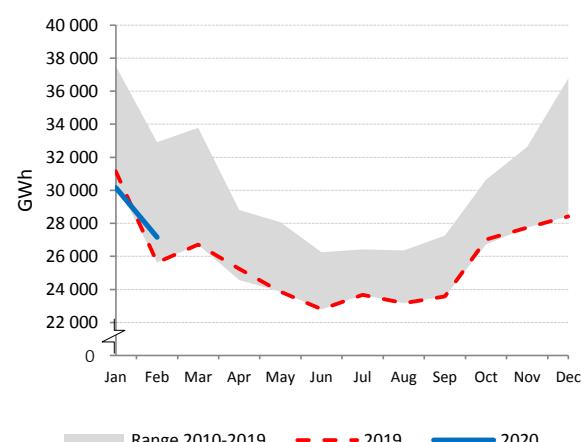
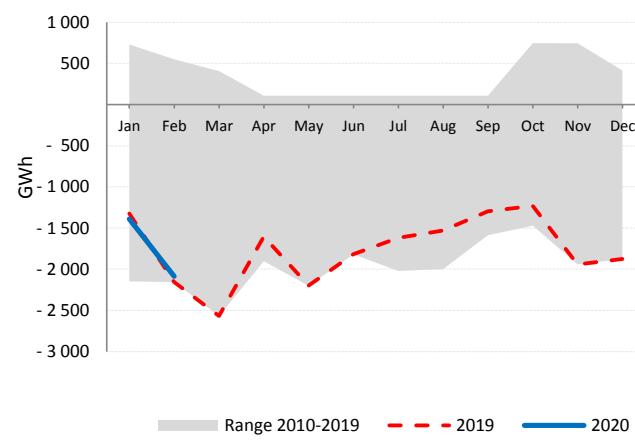
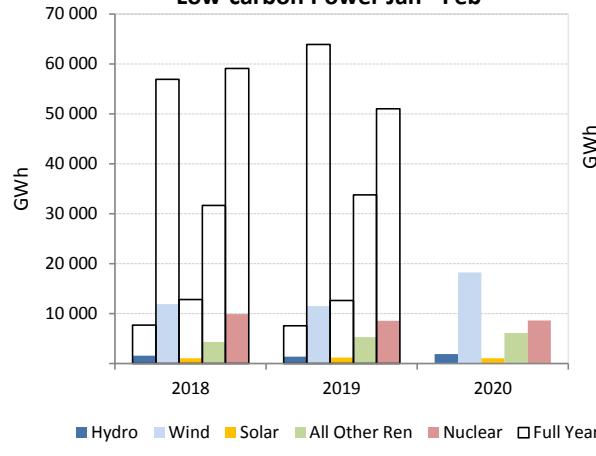
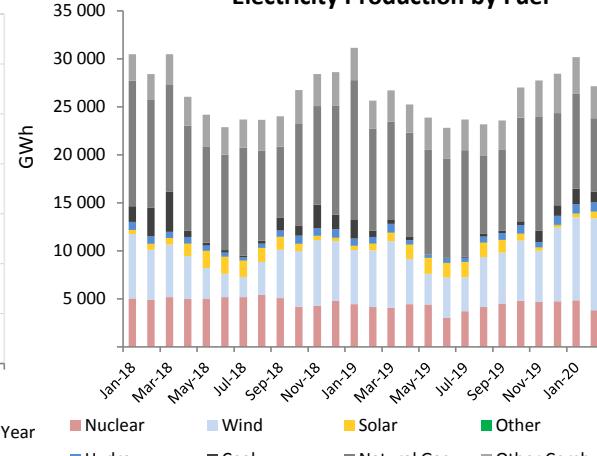
TURKEY

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	13 276	7.4%	-18.8%	55.8%	29 617	26 331	12.5%	163 038	56.4%
Coal	8 332	-3.7%	-9.4%	35.0%	17 529	17 090	2.6%	106 169	36.7%
Oil	15	-41.7%	-11.1%	0.1%	32	54	-40.5%	232	0.1%
Natural Gas	4 625	34.2%	-32.0%	19.4%	11 429	8 684	31.6%	53 451	18.5%
Combustible Renewables	303	26.1%	-6.4%	1.3%	626	502	24.6%	3 179	1.1%
Other Combustibles	1	195.2%	30.3%	0.0%	2	1	112.9%	6	0.0%
Nuclear	-	-	-	-	-	-	-	-	-
Hydro	6 940	-0.4%	30.6%	29.2%	12 254	14 403	-14.9%	86 131	29.8%
Wind	2 246	23.8%	-5.9%	9.4%	4 634	4 016	15.4%	21 438	7.4%
Solar	579	9.0%	7.0%	2.4%	1 120	853	31.2%	9 411	3.3%
Geothermal	686	-53.0%	-8.5%	2.9%	1 435	2 109	-32.0%	8 227	2.8%
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	64	-6.7%	-3.4%	0.3%	130	146	-10.9%	847	0.3%
RENEWABLES	10 754	-2.4%	15.4%	45.2%	20 069	21 884	-8.3%	128 387	44.4%
NON-RENEWABLES	13 037	6.9%	-18.9%	54.8%	29 121	25 975	12.1%	160 705	55.6%
TOTAL NET PRODUCTION	23 790	2.5%	-6.3%		49 189	47 859	2.8%	289 092	
+ Imports	285	61.5%	124.0%		413	320	29.0%	2 221	
- Exports	187	-42.7%	-19.0%		417	581	-28.2%	2 823	
= ELECTRICITY SUPPLIED	23 889	3.6%	-5.6%		49 185	47 598	3.3%	288 491	
- Used for pumped storage	-	-	-		-	-	-	-	
- T&D Losses ⁴	2 600	3.0%	-5.7%		5 356	5 202	3.0%	31 455	
= ELECTRICITY CONSUMED	21 290	3.7%	-5.5%		43 830	42 396	3.4%	257 035	

¹ current month to month of last year change⁴ estimated² month-to-month change³ year-to-date compared to same period last year

UNITED KINGDOM

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	12 100	-14.7%	-21.1%	44.6%	27 430	34 071	-19.5%	173 824	56.3%
Coal	1 103	67.1%	-32.7%	4.1%	2 742	2 592	5.8%	6 931	2.2%
Oil	73	-17.8%	-3.0%	0.3%	148	227	-34.9%	1 014	0.3%
Natural Gas	7 645	-28.0%	-22.6%	28.2%	17 520	25 196	-30.5%	127 294	41.2%
Combustible Renewables	2 849	16.4%	-13.2%	10.5%	6 132	5 284	16.1%	33 757	10.9%
Other Combustibles	430	17.3%	-6.0%	1.6%	887	773	14.8%	4 829	1.6%
Nuclear	3 818	-7.7%	-20.9%	14.1%	8 647	8 560	1.0%	51 032	16.5%
Hydro	955	41.2%	2.3%	3.5%	1 889	1 411	33.8%	7 567	2.4%
Wind	9 567	61.8%	10.1%	35.2%	18 260	11 553	58.0%	63 920	20.7%
Solar	708	-0.8%	86.0%	2.6%	1 089	1 182	-7.8%	12 649	4.1%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	1	-	-	0.0%	2	2	-	9	0.0%
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	14 080	44.4%	5.9%	51.9%	27 371	19 431	40.9%	117 902	38.2%
NON-RENEWABLES	13 069	-17.7%	-22.6%	48.1%	29 944	37 348	-19.8%	191 100	61.8%
TOTAL NET PRODUCTION	27 149	5.9%	-10.0%		57 316	56 779	0.9%	309 002	
+ Imports	2 321	0.8%	27.3%		4 143	4 005	3.5%	24 556	
- Exports	234	59.8%	-46.0%		667	524	27.1%	3 385	
= ELECTRICITY SUPPLIED	29 236	5.2%	-7.4%		60 793	60 260	0.9%	330 172	
- Used for pumped storage	186	-19.6%	-0.5%		372	509	-26.8%	2 360	
- T&D Losses	3 070	12.6%	-2.5%		6 219	5 578	11.5%	27 259	
= ELECTRICITY CONSUMED	25 981	4.7%	-7.9%		54 201	54 173	0.1%	300 552	

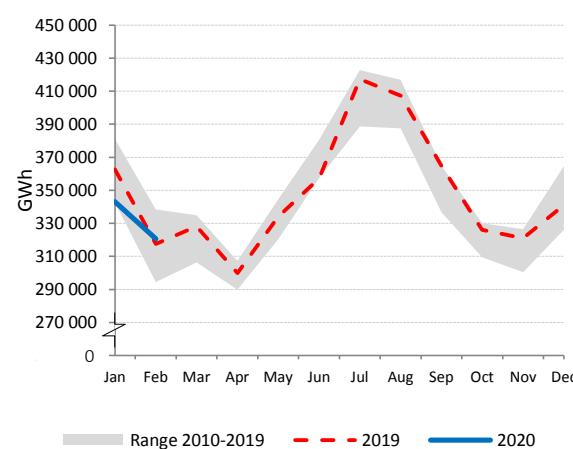
¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year**Electricity Production****Net Electricity Exports****Low-carbon Power Jan - Feb****Electricity Production by Fuel**

UNITED STATES

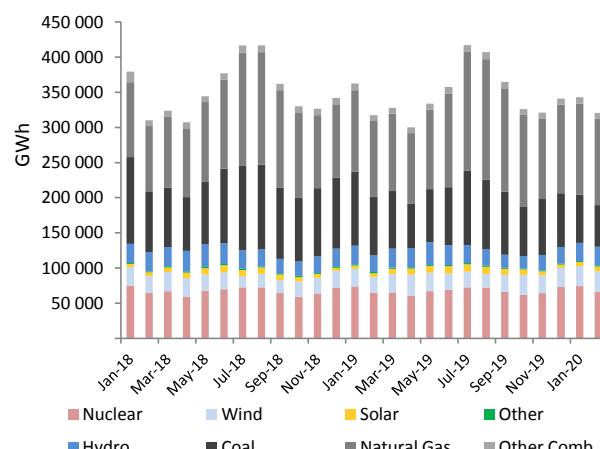
	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	190 249	-4.7%	-8.2%	59.3%	397 534	430 940	-7.8%	2 658 507	63.6%
Coal	59 299	-29.2%	-13.6%	18.5%	127 898	189 061	-32.4%	1 011 865	24.2%
Oil	2 859	7.3%	-15.5%	0.9%	6 242	6 230	0.2%	35 243	0.8%
Natural Gas	122 652	13.7%	-5.2%	38.3%	252 089	224 015	12.5%	1 542 091	36.9%
Combustible Renewables	4 685	-2.5%	-6.9%	1.5%	9 717	10 170	-4.5%	60 043	1.4%
Other Combustibles	754	10.9%	-9.6%	0.2%	1 588	1 464	8.5%	9 266	0.2%
Nuclear	65 955	1.9%	-11.1%	20.6%	140 164	138 425	1.3%	809 291	19.4%
Hydro	26 682	13.2%	2.8%	8.3%	52 650	49 829	5.7%	295 426	7.1%
Wind	29 053	26.8%	3.0%	9.1%	57 272	47 913	19.5%	300 087	7.2%
Solar	7 241	44.3%	23.9%	2.3%	13 084	9 702	34.9%	93 147	2.2%
Geothermal	1 117	-13.7%	-7.9%	0.3%	2 329	2 700	-13.7%	15 763	0.4%
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	302	-9.3%	-14.0%	0.1%	654	786	-16.8%	4 768	0.1%
RENEWABLES	68 778	19.4%	3.8%	21.5%	135 053	120 314	12.3%	764 466	18.3%
NON-RENEWABLES	251 821	-3.1%	-9.0%	78.5%	528 634	559 981	-5.6%	3 412 523	81.7%
TOTAL NET PRODUCTION	320 599	1.0%	-6.6%		663 687	680 295	-2.4%	4 176 989	
+ Imports	4 019	3.3%	-9.5%		8 457	8 937	-5.4%	54 478	
- Exports	1 095	4.7%	8.7%		2 102	1 966	6.9%	12 156	
= ELECTRICITY SUPPLIED	323 523	1.0%	-6.6%		670 042	687 266	-2.5%	4 219 311	
- Used for pumped storage	1 691	-5.5%	-12.6%		3 627	3 686	-1.6%	26 034	
- T&D Losses	14 422	23.3%	-8.3%		30 149	30 272	-0.4%	206 200	
= ELECTRICITY CONSUMED	307 409	0.2%	-6.5%		636 266	653 308	-2.6%	3 987 077	

¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year

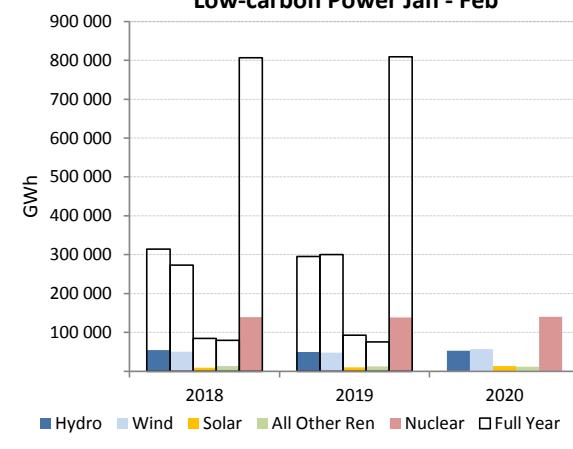
Electricity Production



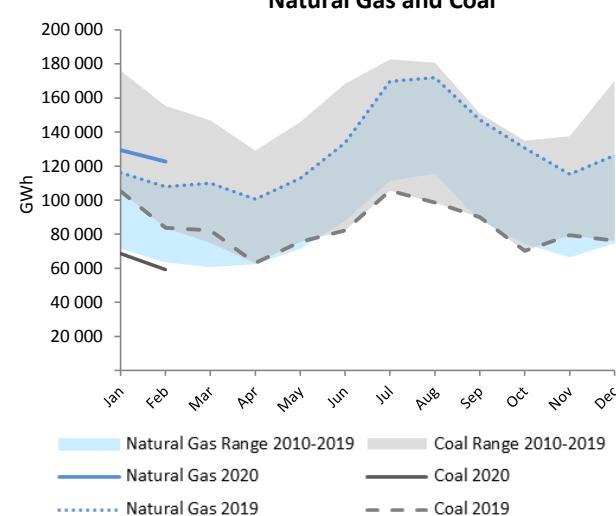
Electricity Production by Fuel



Low-carbon Power Jan - Feb

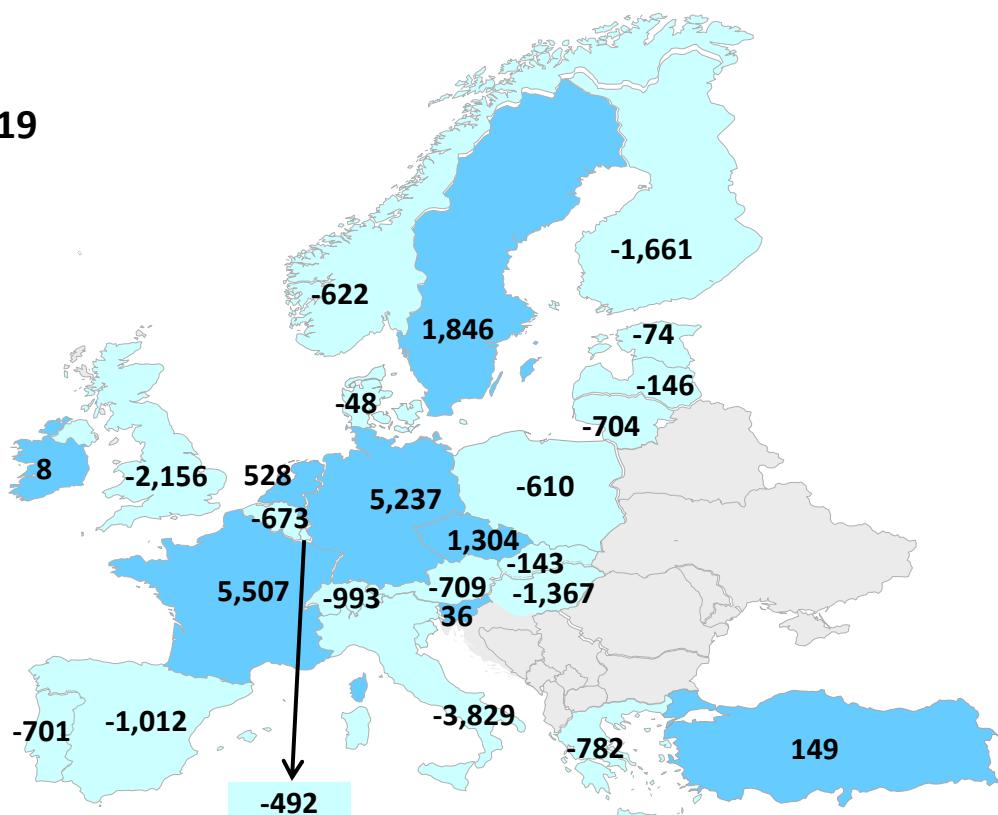


Natural Gas and Coal



NET ELECTRICITY EXPORTS OECD EUROPE MAP 1

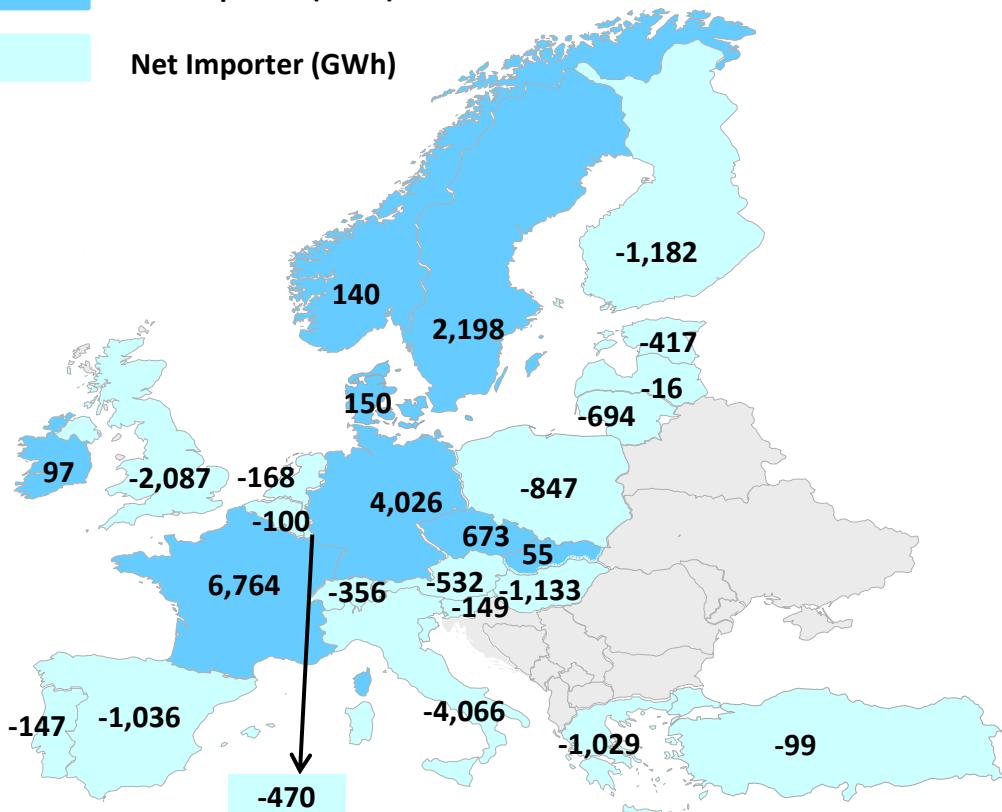
Feb 2019



Net Exporter (GWh)

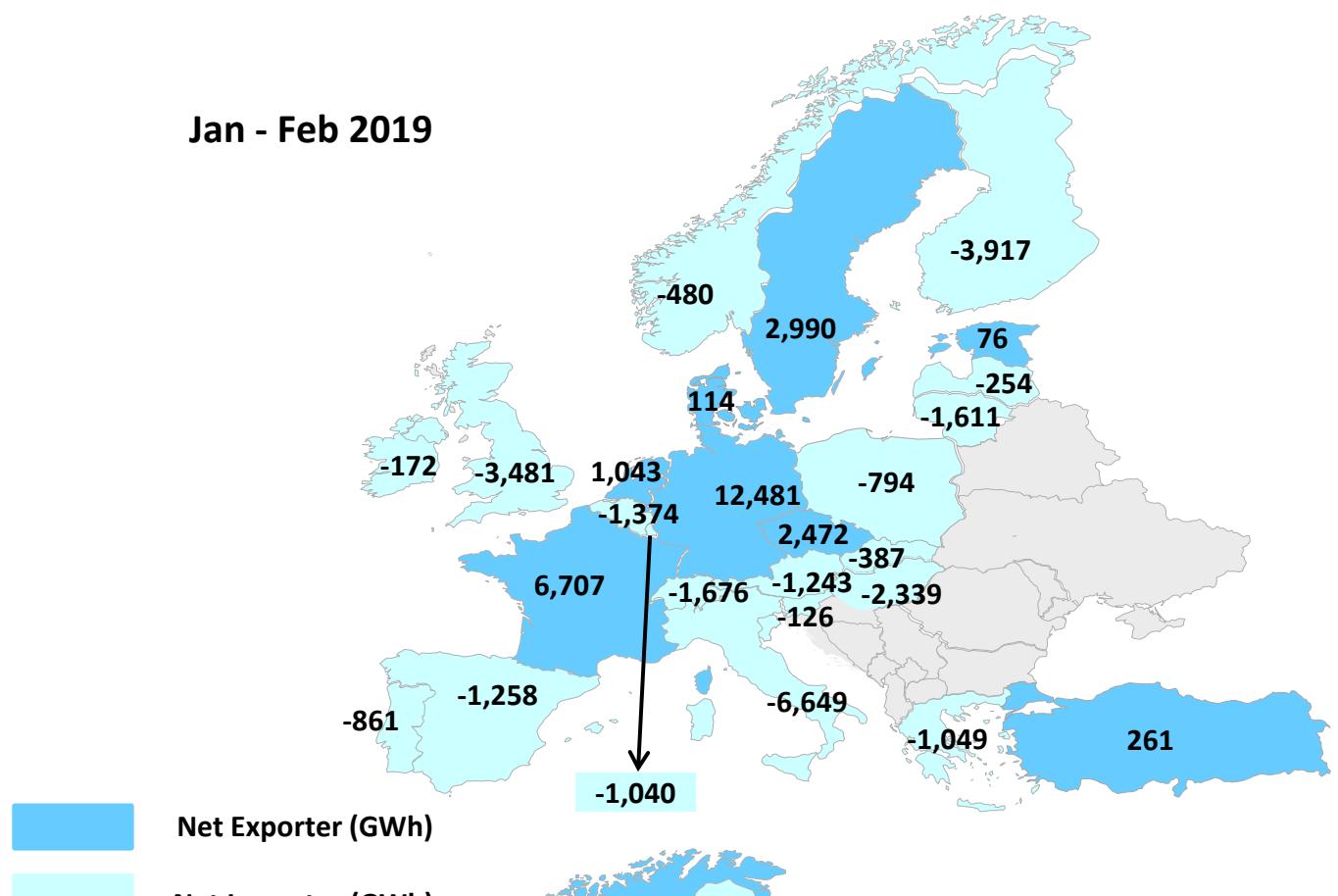
Net Importer (GWh)

Feb 2020

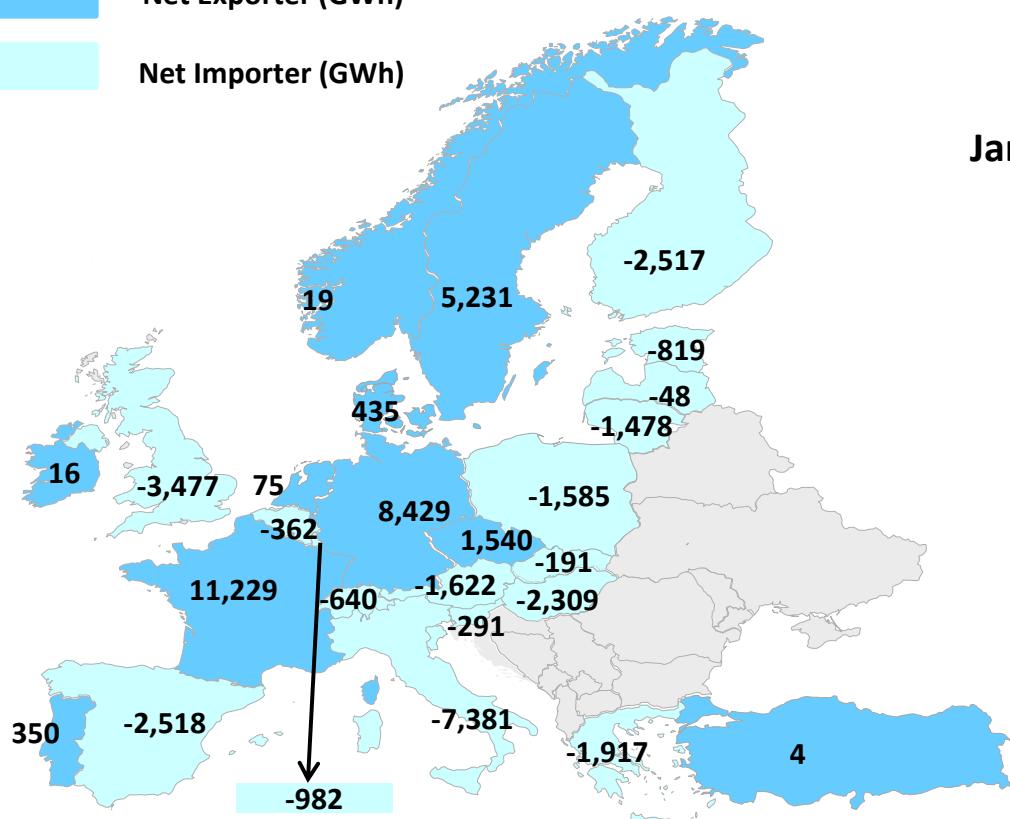


NET ELECTRICITY EXPORTS
OECD EUROPE
MAP 2

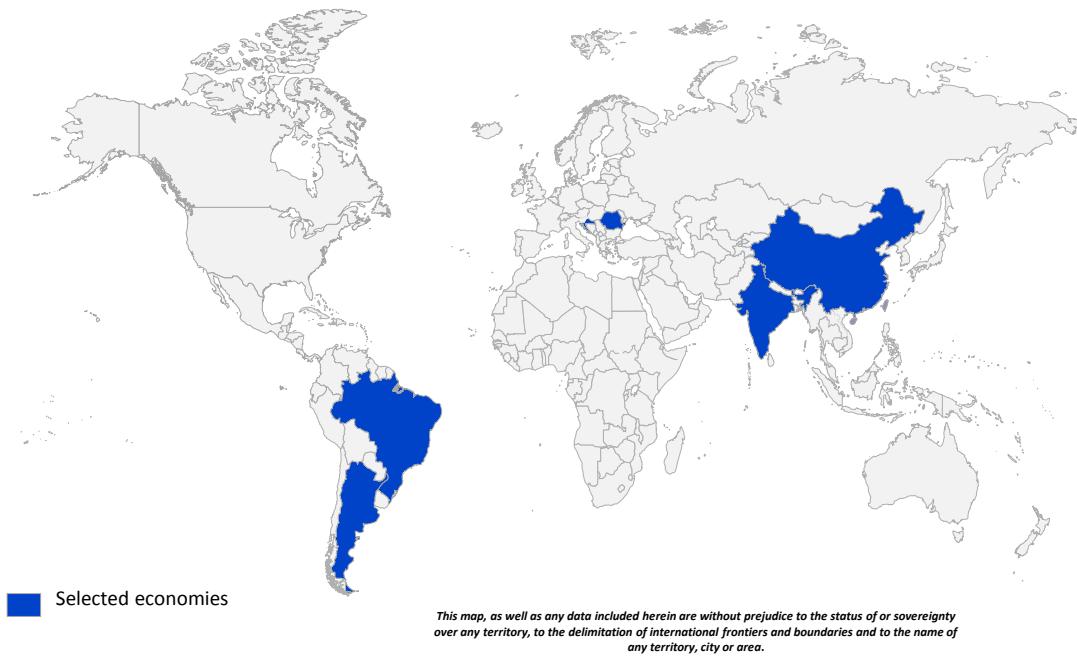
Jan - Feb 2019



Jan - Feb 2020



Annex 1 - Monthly Electricity Statistics for selected non-OECD economies



HIGHLIGHTS

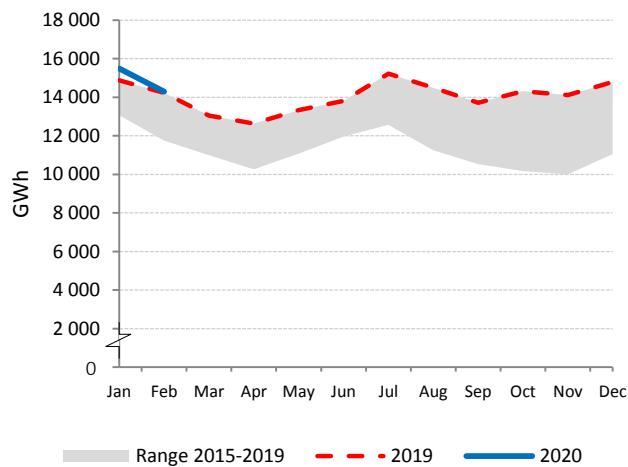
- Lockdown measures were taken in China in an effort to contain the Covid-19 epidemic. As a result, total net production during the first two months of 2020 was 1,018.8 TWh, 7.7% lower than during the same period last year. Conventional thermal production was 743.3 TWh, 9.3% lower than in the first two months of 2019. In Hubei province, where lockdown measures were the strictest, industrial production decreased by 14.2% and conventional thermal by 23.9% in January–February 2020 compared to the same period last year.
- In India, total power production in January–February 2020 was 248.8 TWh, up by 6.5% compared to the same period last year. This increase in production is driven mainly by coal production, which was 184.8 TWh, 5.2% higher than during the first two months of 2019. Solar production also increased, reaching the highest level on record, 9.9 TWh in the first two months of 2020, 39.0% higher than in January–February 2019.
- Hydro production in Brazil was 37.3 TWh in February 2020, 4.3% higher than in February 2019. As hydro production increased, conventional thermal production which is controllable decreased by 13.2% compared to February 2019, down to 7.6 TWh.

ARGENTINA

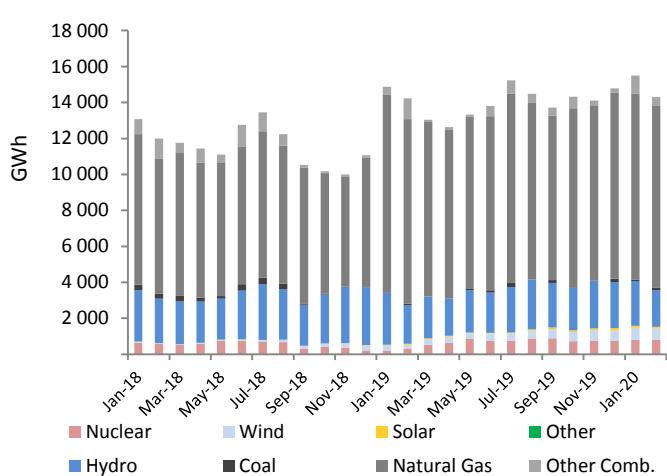
	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	10 733	-6.8%	-6.0%	75.1%	22 157	22 960	-3.5%	125 504	74.4%
Coal	146	53.7%	96.1%	1.0%	221	103	114.2%	916	0.5%
Oil	383	-65.1%	-59.0%	2.7%	1 317	1 478	-10.9%	4 363	2.6%
Natural Gas	10 141	-1.2%	-1.9%	70.9%	20 483	21 278	-3.7%	119 184	70.7%
Combustible Renewables	63	14.9%	-13.4%	0.4%	136	101	35.4%	1 042	0.6%
Other Combustibles	-	-	-	-	-	-	-	-	-
Nuclear	812	167.8%	1.7%	5.7%	1 611	506	218.6%	8 002	4.7%
Hydro	2 035	-4.7%	-18.4%	14.2%	4 527	5 038	-10.1%	29 340	17.4%
Wind	633	173.7%	-6.7%	4.4%	1 312	518	153.4%	4 960	2.9%
Solar	84	92.5%	-21.0%	0.6%	190	84	126.8%	795	0.5%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	2 815	14.2%	-16.0%	19.7%	6 166	5 741	7.4%	36 137	21.4%
NON-RENEWABLES	11 482	-2.4%	-5.5%	80.3%	23 632	23 365	1.1%	132 465	78.6%
TOTAL NET PRODUCTION	14 297	0.5%	-7.8%		29 797	29 105	2.4%	168 602	

¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year

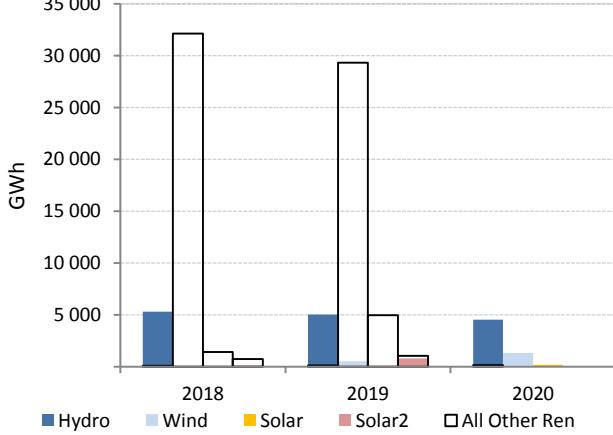
Electricity Production



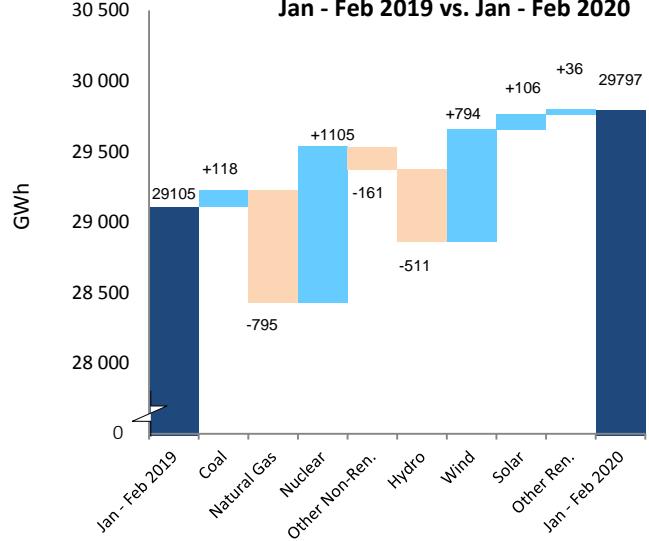
Electricity Production by Fuel



Low-carbon Power Jan - Feb

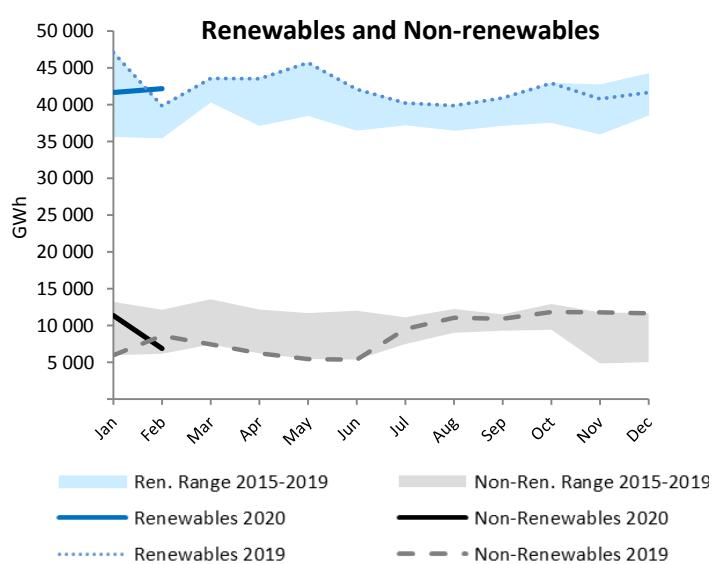
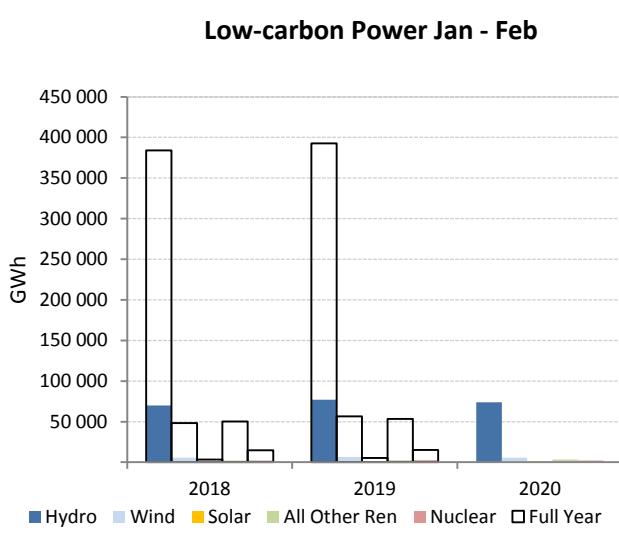
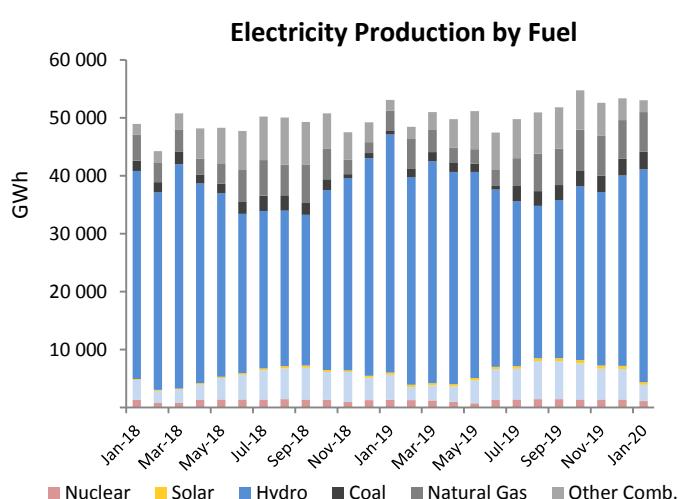
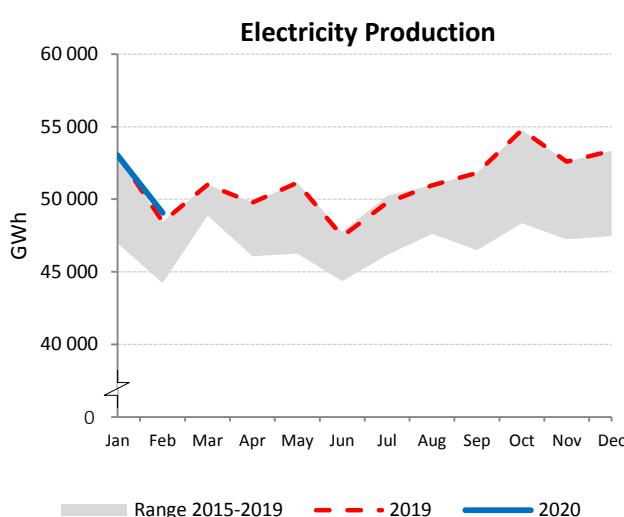


Electricity Production Variation Jan - Feb 2019 vs. Jan - Feb 2020



BRAZIL

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	7 580	-13.2%	-36.5%	15.4%	19 514	14 697	32.8%	144 144	23.5%
Coal	1 692	8.4%	-44.2%	3.4%	4 725	2 308	104.7%	23 772	3.9%
Oil	268	-62.1%	-25.5%	0.5%	628	1 253	-49.8%	8 672	1.4%
Natural Gas	4 055	-20.5%	-41.0%	8.3%	10 932	8 442	29.5%	58 198	9.5%
Combustible Renewables	1 566	14.8%	-5.8%	3.2%	3 228	2 694	19.8%	53 503	8.7%
Other Combustibles	-	-	-	-	-	-	-	-	-
Nuclear	889	-29.4%	-18.4%	1.8%	1 978	2 592	-23.7%	15 261	2.5%
Hydro	37 308	4.3%	1.7%	76.0%	73 996	76 878	-3.7%	392 872	64.0%
Wind	2 820	22.0%	-0.4%	5.7%	5 651	6 630	-14.8%	56 531	9.2%
Solar	471	32.7%	-2.1%	1.0%	952	720	32.2%	5 322	0.9%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	42 166	5.9%	1.2%	85.9%	83 827	86 922	-3.6%	508 228	82.8%
NON-RENEWABLES	6 903	-20.0%	-39.2%	14.1%	18 264	14 595	25.1%	105 902	17.2%
TOTAL NET PRODUCTION	49 069	1.3%	-7.5%		102 090	101 517	0.6%	614 131	

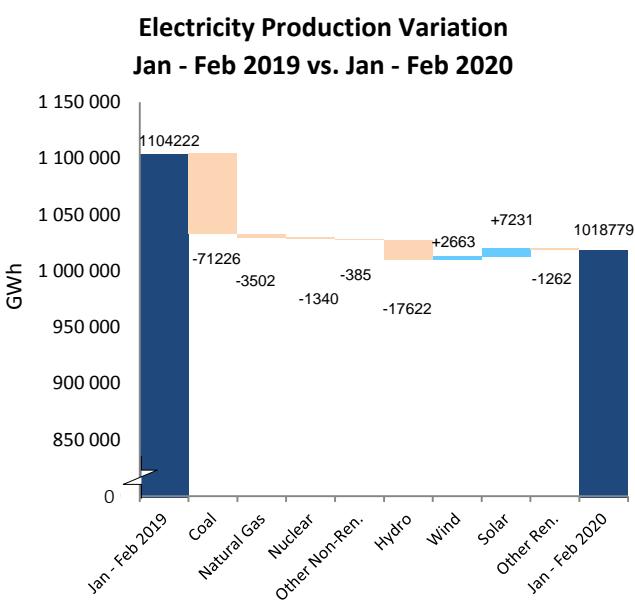
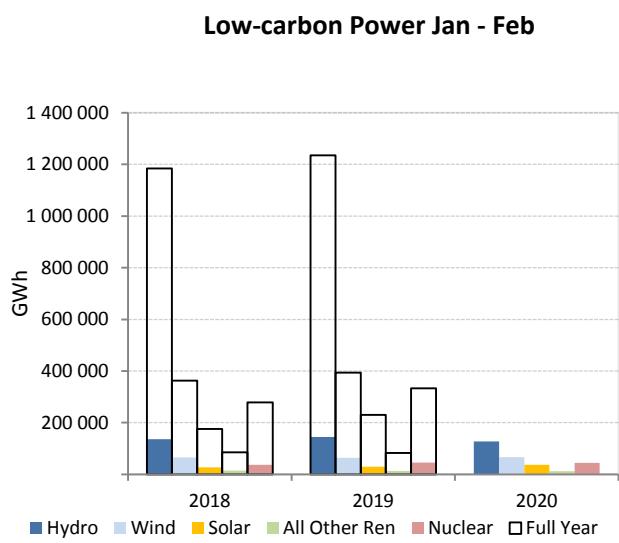
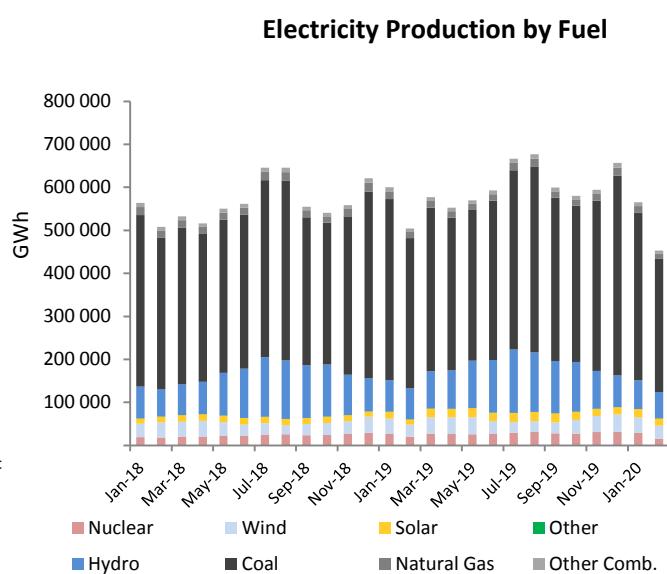
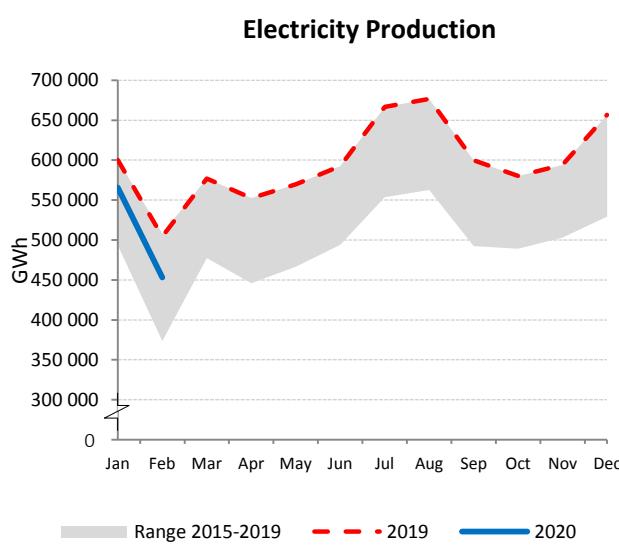
¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year

CHINA

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	328 885	-11.3%	-20.6%	72.6%	743 324	819 699	-9.3%	4 977 557	69.4%
Coal ⁴	309 440	-11.3%	-20.6%	68.3%	699 374	770 600	-9.2%	4 679 409	65.3%
Oil ⁴	674	-12.2%	-20.6%	0.1%	1 523	1 696	-10.2%	10 296	0.1%
Natural Gas ⁴	12 369	-13.1%	-20.6%	2.7%	27 955	31 457	-11.1%	191 021	2.7%
Combustible Renewables ⁴	5 480	-11.3%	-20.6%	1.2%	12 385	13 646	-9.2%	82 866	1.2%
Other Combustibles ⁴	923	-11.3%	-20.6%	0.2%	2 087	2 300	-9.2%	13 965	0.2%
Nuclear	15 364	-23.0%	-47.9%	3.4%	44 858	46 198	-2.9%	332 522	4.6%
Hydro	60 989	-15.5%	-7.9%	13.5%	127 220	144 842	-12.2%	1 235 283	17.2%
Wind ⁵	30 892	9.8%	-13.7%	6.8%	66 703	64 040	4.2%	393 797	5.5%
Solar ⁵	16 975	31.3%	-13.7%	3.7%	36 653	29 422	24.6%	230 164	3.2%
Geothermal	9	-2.1%	-	0.0%	19	19	-2.1%	115	0.0%
Other Renewables	1	0.5%	-	0.0%	2	2	0.5%	11	0.0%
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	114 346	-4.3%	-11.1%	25.2%	242 982	251 971	-3.6%	1 942 236	27.1%
NON-RENEWABLES	338 769	-12.0%	-22.5%	74.8%	775 797	852 251	-9.0%	5 227 213	72.9%
TOTAL NET PRODUCTION	453 116	-10.1%	-19.9%		1 018 779	1 104 222	-7.7%	7 169 449	

¹ current month to month of last year change⁴ estimated from annual data² month-to-month change

February 2020 is estimated by the IEA Secretariat

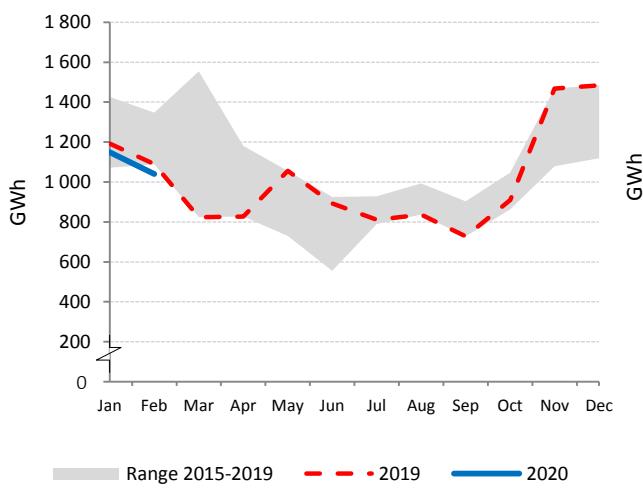
³ year-to-date compared to same period last year

CROATIA

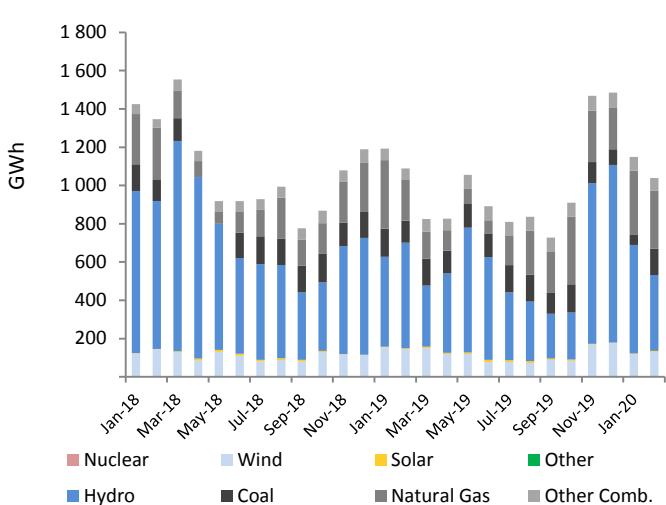
	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	507	30.8%	10.3%	48.8%	967	954	1.4%	4 750	39.2%
Coal	136	18.4%	144.3%	13.1%	192	262	-26.6%	1 505	12.4%
Oil	1	-	-	0.1%	1	-	-	48	0.4%
Natural Gas	303	40.6%	-8.7%	29.2%	636	574	10.7%	2 411	19.9%
Combustible Renewables	67	17.1%	-7.3%	6.4%	138	118	17.4%	785	6.5%
Other Combustibles	-	-	-	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-	-	-	-
Hydro	397	-28.1%	-29.9%	38.2%	963	1 023	-5.8%	5 858	48.3%
Wind	131	-9.3%	9.4%	12.6%	250	299	-16.2%	1 433	11.8%
Solar	5	-3.7%	48.5%	0.4%	8	7	10.8%	78	0.6%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	599	-21.0%	-21.3%	57.6%	1 359	1 446	-6.0%	8 156	67.3%
NON-RENEWABLES	441	33.1%	13.5%	42.4%	829	836	-0.9%	3 964	32.7%
TOTAL NET PRODUCTION	1 039	-4.6%	-9.5%		2 188	2 282	-4.1%	12 120	

¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year

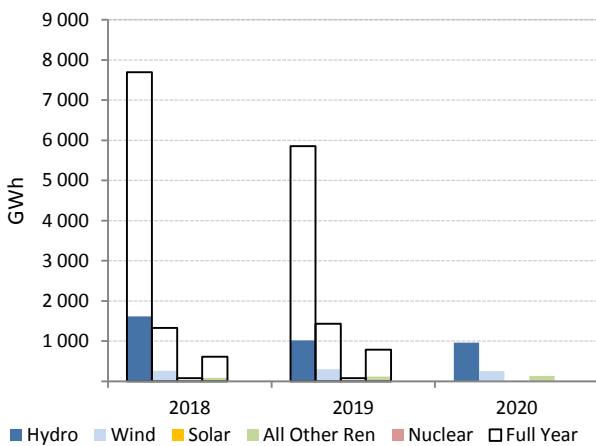
Electricity Production



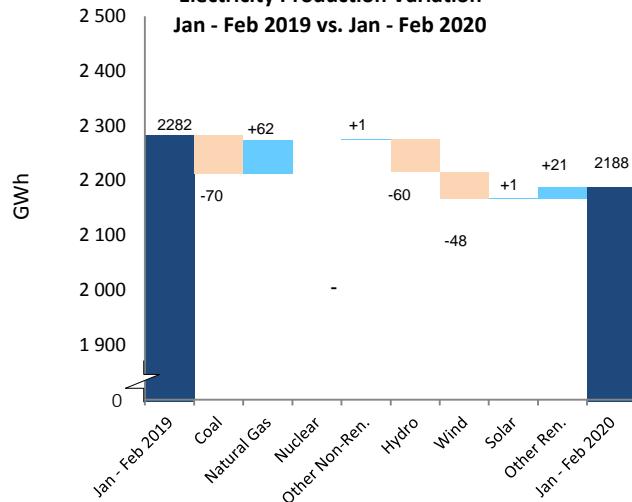
Electricity Production by Fuel



Low-carbon Power Jan - Feb



Electricity Production Variation

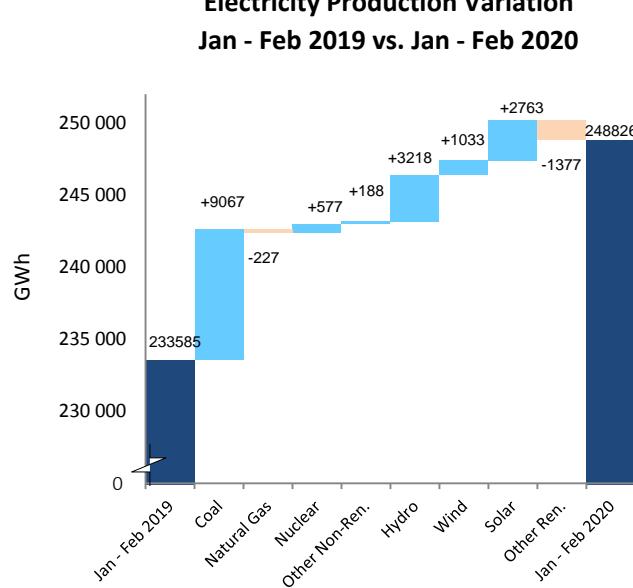
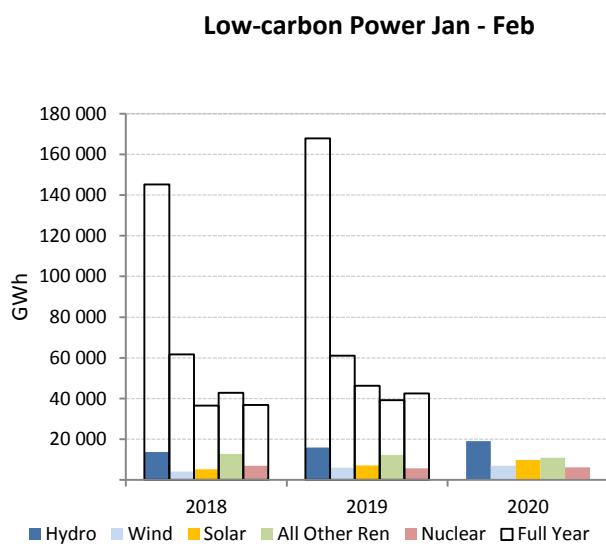
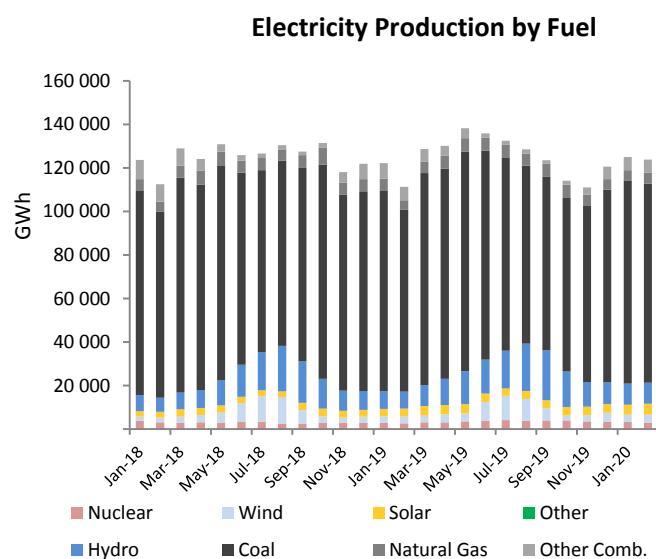
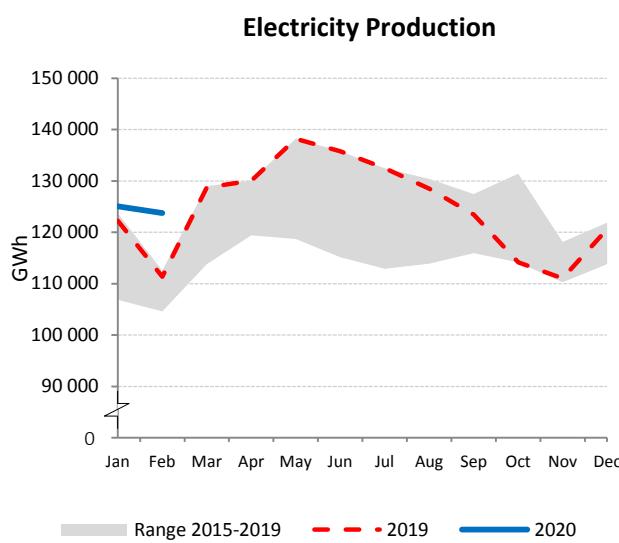


INDIA

	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	102 419	8.9%	-1.6%	82.7%	206 513	198 914	3.8%	1 178 854	78.8%
Coal	91 483	9.5%	-2.0%	73.9%	184 831	175 764	5.2%	1 066 106	71.2%
Oil ⁴	616	47.2%	55.4%	0.5%	1 013	824	22.8%	6 351	0.4%
Natural Gas	5 005	13.0%	6.4%	4.0%	9 708	9 935	-2.3%	66 557	4.4%
Combustible Renewables	5 257	-7.0%	-5.9%	4.2%	10 843	12 273	-11.6%	39 138	2.6%
Other Combustibles ⁴	59	-	-	0.0%	117	117	-	703	0.0%
Nuclear	2 995	10.2%	-7.7%	2.4%	6 239	5 663	10.2%	42 497	2.8%
Hydro	9 541	22.2%	-0.5%	7.7%	19 127	15 909	20.2%	167 870	11.2%
Wind	3 622	17.9%	6.0%	2.9%	7 039	6 007	17.2%	61 048	4.1%
Solar	5 170	41.8%	10.3%	4.2%	9 856	7 093	39.0%	46 336	3.1%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	29	-	19.7%	0.0%	52	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	23 618	17.0%	1.4%	19.1%	46 918	41 281	13.7%	314 392	21.0%
NON-RENEWABLES	100 157	9.9%	-1.6%	80.9%	201 909	192 304	5.0%	1 182 214	79.0%
TOTAL NET PRODUCTION	123 775	11.2%	-1.0%		248 826	233 585	6.5%	1 496 606	

¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year⁴ estimated from annual data

Distributed generation is estimated by the IEA Secretariat

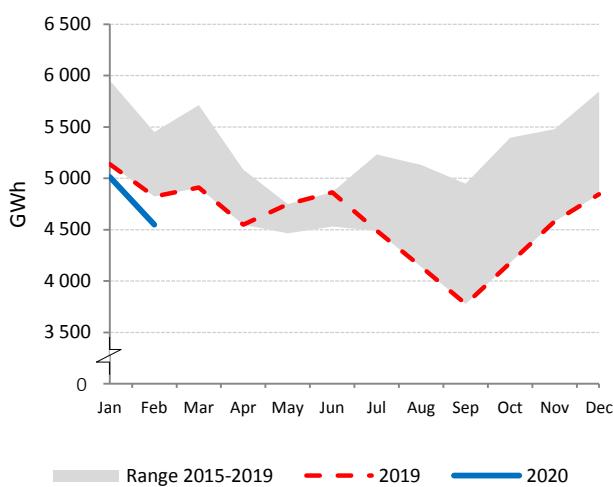


ROMANIA

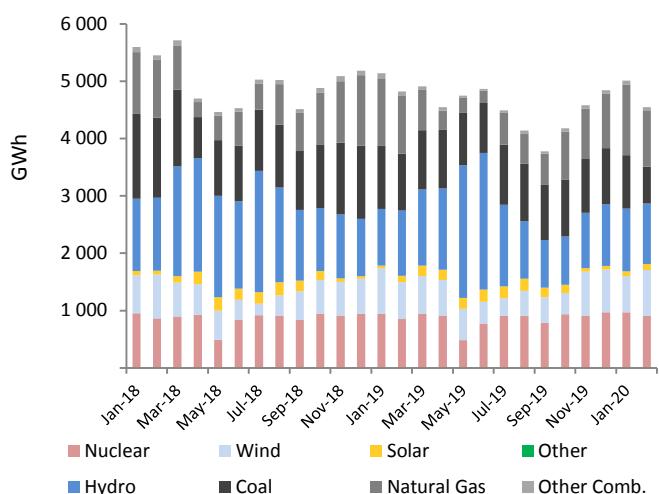
	Feb 2020				Year-to-Date			2019	
	GWh	change ¹	change ²	share	2020	2019	change ³	GWh	share
CONVENTIONAL THERMAL	1 682	-19.1%	-24.8%	37.0%	3 918	4 445	-11.9%	20 498	37.2%
Coal	642	-35.3%	-31.2%	14.1%	1 576	2 093	-24.7%	11 848	21.5%
Oil	12	-63.6%	33.3%	0.3%	20	84	-75.9%	197	0.4%
Natural Gas	972	-3.4%	-21.2%	21.4%	2 206	2 177	1.4%	7 978	14.5%
Combustible Renewables	56	19.2%	-6.1%	1.2%	115	92	25.5%	474	0.9%
Other Combustibles	-	-	-	-	-	-	-	-	-
Nuclear	908	6.4%	-6.3%	20.0%	1 877	1 798	4.4%	10 346	18.8%
Hydro	1 057	-7.2%	-3.4%	23.2%	2 152	2 126	1.2%	15 715	28.6%
Wind	800	24.4%	26.4%	17.6%	1 432	1 437	-0.3%	6 701	12.2%
Solar	103	-5.6%	27.5%	2.3%	184	155	18.2%	1 777	3.2%
Geothermal	-	-	-	-	-	-	-	-	-
Other Renewables	-	-	-	-	-	-	-	-	-
Non-Specified	-	-	-	-	-	-	-	-	-
RENEWABLES	2 016	4.0%	7.9%	44.3%	3 884	3 811	1.9%	24 668	44.8%
NON-RENEWABLES	2 534	-12.2%	-19.4%	55.7%	5 679	6 151	-7.7%	30 369	55.2%
TOTAL NET PRODUCTION	4 550	-5.7%	-9.2%		9 563	9 961	-4.0%	55 037	

¹ current month to month of last year change² month-to-month change³ year-to-date compared to same period last year

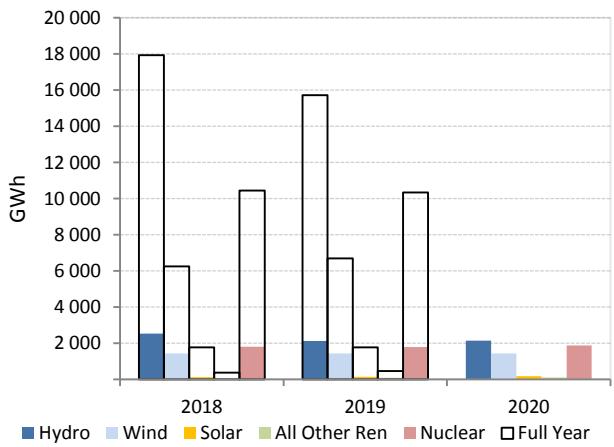
Electricity Production



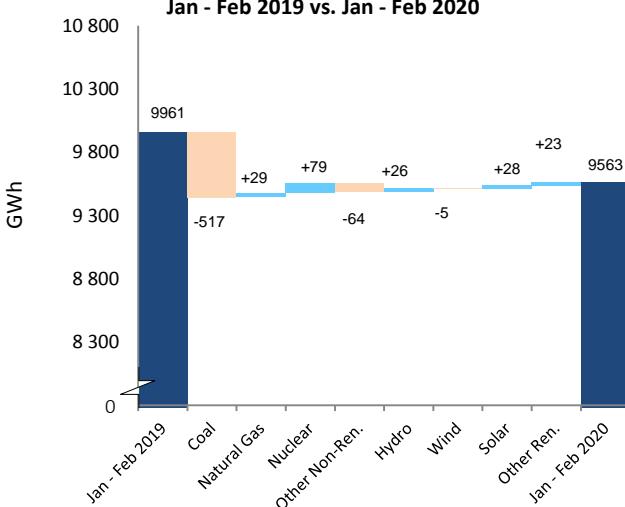
Electricity Production by Fuel



Low-carbon Power Jan - Feb



Electricity Production Variation



PRINCIPLES AND DEFINITIONS

The IEA's Monthly Electricity Statistics provides timely electricity production and trade data for member countries of the Organisation for Economic Co-operation and Development (OECD). It aims to report as up-to-date and consistent information as possible for the last three months. It also provides previous annual data and year-to-date indicators.

Starting in April 2020, the Monthly Electricity Statistics include a separate annex containing a selection of 6 additional economies, including 3 IEA Association countries. This addition provides production data for the selected countries with the same aim of reporting as up-to-date and consistent information as possible for the last three months. It also provides previous annual data and year-to-date indicators. The countries shown in this annex are not included in the aggregate totals in other

General notes

- Electricity production and trade data are reported at the individual country level as well as in organisational and regional groupings. These groupings include: OECD Total, OECD Americas, OECD Asia Oceania, OECD Europe and IEA Total.
- The units are terawatt hours (TWh) for the regional groupings and gigawatt hours (GWh) for the individual countries.
- The grouping of electricity generation by source reflects available monthly data and/or small individual quantities.
- Definitions are consistent with the IEA's "Electricity and Heat" annual questionnaire. Statistics are subject to revision on official receipt of the annual questionnaire from national administrations or on improved data becoming available.
- To enable timely publication, the IEA may supplement national statistics with data from other sources.
- Where adequate information is not available from external sources, estimates have been made by the IEA. Methodological notes are provided in individual country pages or the country notes section.
- All figures for individual countries are reported to the nearest whole number and totals may not equal the sum of components due to rounding.
- Note that historic data are often recalculated. Therefore, the latest publication should be considered the most accurate. Regional and organisational summaries may also change based on country recalculations.
- Countries' submitted monthly data is adjusted proportionately to maintain consistency with the most recent annual data for each generation source.

Basic definitions

<i>Net Production</i>	Net generation excludes power station own use.
<i>Combustible Fuels/</i>	
<i>Conventional Thermal</i>	Production from fossil fuels (primary coal, coal products, peat and peat products, oil shale and oil sands, crude oil, NGL, oil products, natural gas) and combustible renewables and wastes (solid biofuels, biogases, liquid biofuels, industrial and municipal waste).
<i>Coal</i>	Production from primary coal, coal products, peat and peat products, oil shale and oil sands, and manufactured gas (such as coke-oven gas, blast-furnace gas and gas works gas).
<i>Oil</i>	Production from crude oil, natural gas liquids, refinery feedstocks, and petroleum products (such as refinery gases and fuel oil).
<i>Natural Gas</i>	Production from natural gas (including gas distributed via the grid that may contain very little amounts of blended other gases).
<i>Combustible Renewables</i>	Production from combustible renewables (such as solid biofuels, biogases, liquid biofuels, municipal renewable waste).
<i>Other Combustible Fuels (non-renewables)</i>	Production from all other combustible fuels (such as industrial and non-renewable municipal solid waste).

<i>Nuclear</i>	Electricity produced using heat generated from nuclear fission.
<i>Hydro</i>	Net generation from hydro facilities including pumped storage production.
<i>Wind</i>	Electricity generated in on-shore and off-shore wind turbines using kinetic energy of wind.
<i>Solar</i>	Electricity generated using solar radiation. Includes thermal and photovoltaic.
<i>Geothermal</i>	Electricity generated using heat emitted from within the earth's crust, usually in the form of hot water or steam.
<i>Other Renewables</i>	Electricity generated from tide, wave, ocean and other non-combustible sources.
<i>Non-Specified</i>	Not elsewhere reported electricity generation.
 <i>Renewables</i>	 Includes electricity generation from Hydro, Wind, Solar, Geothermal, Other Renewables and Combustible Renewables
<i>Non-Renewables</i>	Includes electricity generation from Coal, Oil, Natural Gas, Other Combustibles, Nuclear and Non-specified sources.
<i>Total Net Production</i>	The sum of indigenous net electricity production by energy source.
<i>Imports/ Exports</i>	Amounts of electricity that have crossed political boundaries of the country, a.k.a. physical flows, whether customs clearance has taken place or not.
<i>Net Exports</i>	Exports minus imports
<i>Electricity supplied</i>	Indigenous production + Imports - Exports. It includes Transmission and Distribution losses
<i>Used for Pumped Storage</i>	Electricity consumed by pumping water into a reservoir in mixed and pure pumped storage hydro plants.
<i>Transmission and Distribution Losses/ T&D Losses</i>	All losses due to transport and distribution of electrical energy. Losses in transformers which are not considered as integral parts of the power plants are also included.
<i>Electricity consumed</i>	Electricity available (calculated as: Indigenous production + Imports - Exports - used for pumped storage - Transmission and distribution losses)
<i>Low-carbon Power Generation</i>	Renewables plus Nuclear electricity generation.
<i>Year</i>	Calendar year (January to December) unless otherwise stated.
<i>Year-to-Date</i>	The sum of all months from the start of the calendar year to the latest month.

Regional Groupings

- OECD Total includes Australia, Austria, Belgium, Canada, Chile, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Japan, Korea, Latvia, Lithuania, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Poland, Portugal, Spain, Sweden, the Slovak Republic, Slovenia, Switzerland, Turkey, the United Kingdom and the United States.
- Israel is not included in this report.
- OECD Americas includes Canada, Chile, Mexico and the United States.
- OECD Asia Oceania includes Australia, Japan, Korea and New Zealand.
- OECD Europe includes Austria, Belgium, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, the Netherlands, Norway, Poland, Portugal, the Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.
- IEA includes all countries included in OECD Total except Chile, Iceland, Latvia, Lithuania and Slovenia.

Publication details and further information

- This publication is released in the middle of each month onto the IEA's Website:
<https://www.iea.org/reports/monthly-oecd-electricity-statistics/>
- Subscriptions to this publication are available at <http://mailing.iea.org>
- Data should not be reproduced for publication without permission of the IEA.
- Please note that all IEA data are subject to the following Terms and Conditions found on the IEA's website:
<http://www.iea.org/terms>

NOTES ON CHARTS AND MAPS

Tables

- The share of fuels in power generation for the previous year corresponds to the latest available year of annual data for the given granularity.

Chart Types

Electricity Production Chart

- Compares the evolution of total electricity production against the latest decade of historical data as well as the previous year.

Net Exports Chart

- Compares the evolution of net exports (exports - imports) of electricity against the latest decade of historical data as well as the previous year.

Electricity Production by Fuel Chart

- Shows the power fuel mix since January two years before the current year (25-36 months depending on the publication month).
- In this context, "Other Comb." includes Other Combustibles, Combustible Renewables and Oil.
- In this context, "Other" includes Geothermal, Other Renewables, Non Specified.
- Countries with an estimated combustibles' breakdown have a generic "Combustibles" category in this chart.

Low-carbon Power Chart

- Depicts low-carbon power generation for the year-to-date, the same period the last year as well as two years before. Also shows full year figures for the previous two years.
- When relevant, nuclear generation will be shown.
- In this context, "All Other Ren" includes Geothermal, Other Renewables and Combustible Renewables.

Electricity Production Variation Chart

- A waterfall chart showing how one can reach the electricity generation of the year-to-date having as a starting point the electricity generation of the same period in the previous year.
- In the case that coal and natural gas are only estimated, the waterfall chart for these categories will show no change and they will be aggregated under Other Non-Ren.

Fuel Switching Chart

- A chart comparing head-to-head two fuels (e.g. Natural Gas vs. Coal) or fuel categories (e.g. Renewables vs. Non-Renewables) and their 10 year ranges as well as the previous year.

Maps

- The maps in the main report are solely for illustrative purposes and currently cover trade in OECD Europe.
- No electricity trade takes place in OECD Asia Oceania countries.
- **Map 1:** Electricity Trade by country in the current month year versus the same month last year.
- **Map 2:** Electricity Trade by country Year-to-Date versus the same period last year.
- Iceland is not displayed in the OECD Europe maps as it does not trade electricity.

COUNTRY NOTES

Monthly Electricity Statistics is consistent with historical annual data.

Please refer to Principles and Definitions.

For certain countries the most recent data may be estimated. See below for details.

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AUSTRALIA

Excludes the overseas territories.

Monthly data are adjusted according to data submitted on a fiscal year basis beginning 1st of July and ending 31st of June.

Monthly reporting did not include production from other combustible fuels, therefore it is estimated by the IEA Secretariat based on annual submission since January 2009.

Monthly reporting did not include production from solar, therefore it is estimated by the IEA Secretariat based on annual submission since January 2004 until December 2015.

Monthly reporting did not include production from wind, therefore it was estimated by the IEA Secretariat based on annual submission from January until December 2004 until December 2015.

Annual data shown are the sum of months and may differ from publications referring to Australian fiscal year (July-June).

AUSTRIA

Monthly reporting does not include production from geothermal, therefore it is estimated by the IEA Secretariat based on annual submission since January 2003.

Monthly reporting does not include production from solar, therefore it is estimated by the IEA Secretariat based on annual submission since January 2003.

Monthly reporting does not include production from other non combustible fuels, therefore it is estimated by the IEA Secretariat based on annual submission since January 2003.

BELGIUM

Monthly reporting did not include production from solar, therefore it was estimated by the IEA Secretariat based on annual submission from January 2005 until December 2005.

Monthly reporting did not include production from other non combustible fuels, therefore it is estimated by the IEA Secretariat based on annual submission from January 2005 to December 2013.

CANADA

Monthly reporting did not include production from solar, therefore it was estimated by the IEA Secretariat based on annual submission from January 2000 until August 2011.

Monthly reporting did not include production from wind, therefore it was estimated by the IEA Secretariat based on annual submission from January 2000 until December 2007.

Monthly reporting did not include production from other non combustible fuels, therefore it was estimated by the IEA Secretariat based on annual submission from January 2000 until December 2007.

Continually increasing levels of wind and solar coverage since January 2017 until December 2018.

New methodology and higher coverage since April 2019 (starting with MES January 2019 publication). Reviewed data back to January 2016.

CHILE

Net production is estimated from monthly submission of gross production until December 2010.

Monthly reporting does not include trade data, therefore they are estimated by the IEA Secretariat based on annual submission.

Annual data for 2014 were estimated by the IEA Secretariat.

Chile was added to the MES report in February 2011. Historical data are available only from January 2006.

CZECH REPUBLIC

Monthly reporting did not include production from other non combustible fuels, therefore it was estimated by the IEA Secretariat based on annual submission from January 2004 until December 2008.

DENMARK

Excludes the Faroe Islands and Greenland.

Monthly reporting did not include production from solar, therefore it was estimated by the IEA Secretariat based on annual submission from January 2003 until December 2010.

Monthly reporting did not include production from other non combustible fuels, therefore it was estimated by the IEA Secretariat based on annual submission from January 2003 until December 2004.

ESTONIA

Net production is estimated from monthly submission of gross production by the IEA Secretariat.

Estonia was added to the MES report in April 2011. Historical data are available only from January 2006.

FINLAND

Monthly reporting does not include production from solar, therefore it is estimated by the IEA Secretariat based on annual submission since January 2000.

Monthly reporting does not include production from other non combustible fuels, therefore it is estimated by the IEA Secretariat based on annual submission from January 2000.

FRANCE

Includes Monaco. Since January 2018 it includes the French overseas territories: French Polynesia, Guadeloupe, Guyane, Martinique, New Caledonia, Reunion, Saint Pierre and Miquelon.

Monthly reporting does not include production from solar, therefore it is estimated by the IEA Secretariat based on annual submission since January 2000.

Monthly reporting does not include production from other non combustible fuels, therefore it is estimated by the IEA Secretariat based on annual submission since January 2000.

Monthly reporting did not include production from wind, therefore it was estimated by the IEA Secretariat based on annual submission from January 2000 until December 2004.

GERMANY

Combustible Fuels production is estimated from monthly submissions of production from main electricity producers.

Monthly reporting did not include production from solar, therefore it was estimated by the IEA Secretariat based on annual submission from January 2000 until December 2001.

Monthly reporting did not include production from wind, therefore it was estimated by the IEA Secretariat based on annual submission from January 2000 until December 2001.

Due to an increase in survey coverage since January 2017, the level of production and the growth rate shown may be different than actual.

GREECE

Monthly reporting did not include production from other combustible fuels, therefore it was estimated by the IEA Secretariat based on annual submission from January 2008 until December 2009.

Monthly reporting did not include production from solar, therefore it was estimated by the IEA Secretariat based on annual submission from January 2004 until December 2010.

Monthly reporting did not include production from wind, therefore it was estimated by the IEA Secretariat based on annual submission from January 2003 until December 2007.

HUNGARY

Net production was estimated from monthly submission of gross production through December 2015.

Monthly reporting does not include production from oil, therefore it is estimated by the IEA Secretariat based on annual submission since January 2009.

Monthly reporting did not include production from solar, therefore it was estimated by the IEA Secretariat based on annual submission from January 2008 until December 2010.

Monthly reporting did not include production from wind, therefore it was estimated by the IEA Secretariat based on annual submission from January 2003 until December 2005.

ICELAND

Net production has been estimated from monthly submission of gross production through December 2015 by the IEA Secretariat.

IRELAND

Monthly reporting did not include production from wind, therefore it was estimated by the IEA Secretariat based on annual submission from January until December 2001.

ITALY

Includes San Marino and the Vatican.

Monthly reporting does not include production from other non combustible fuels, therefore it is estimated by the IEA Secretariat based on annual submission since January 2005.

Monthly reporting did not include production from solar, therefore it was estimated by the IEA Secretariat based on annual submission from January 2005 until December 2009.

Monthly reporting did not include production from wind, therefore it was estimated by the IEA Secretariat based on annual submission from January 2005 until December 2009.

JAPAN

Monthly data are adjusted according to data submitted on a fiscal year basis beginning 1st of April and ending 31st of March.

Net production is estimated from monthly submission of gross production of main electricity producers.

Monthly reporting did not include production from solar, therefore it was estimated by the IEA Secretariat based on annual submission from January 2000 until December 2002.

Annual data shown are the sum of months and may differ from publications referring to Japanese fiscal year (April-March).

Since April 2017 electricity generation from biomass and was is reported in the coal category if it's co-fired with this fuel, and in combustible renewables if the combustion is mono-fuel.

Since April 2017 coal category included coal, bituminous mixture, natural gas (other than LNG), coke-oven gas and city gas.

Hydro generation includes plants with capacity of 1MW and over.

From April 2019 onwards, combustible non-renewable production was reclassified as combustible renewable production.

KOREA

Net production is estimated from monthly submission of gross production by the IEA Secretariat.

Monthly reporting of electricity production does not include autoproducers, therefore it is estimated by the IEA Secretariat based on annual submission.

Monthly reporting does not include production from wind, therefore it is estimated by the IEA Secretariat based on annual submission since January 2004.

Monthly reporting does not include production from solar, therefore it is estimated by the IEA Secretariat based on annual submission since January 2004.

Monthly reporting does not include production from other non combustible fuels, therefore it is estimated by the IEA Secretariat based on annual submission since January 2004.

LATVIA

Latvia was added to the MES report in January 2017. Historical data are available only from January 2010.

The strong hydro performance in 2017-2018 agrees with historical patterns and is due to environmental reasons, most notably the increased inflow in the Daugava River.

LITHUANIA

Monthly data available since January 2008.

LUXEMBOURG

Monthly reporting does not include production from solar, therefore it is estimated by the IEA Secretariat based on annual submission since January 2003.

Production data for March 2018 are estimated by the IEA Secretariat.

The Twinerg CCGT plant has been idle since April 2016 and was decommissioned in October 2016. This has caused decreased production from combustible fuels and, consequently, a decrease in exports

MEXICO

Monthly reporting of electricity production does not include autoproducers, therefore it is estimated by the IEA Secretariat based on annual submission.

Monthly reporting does not include production from solar, therefore it is estimated by the IEA Secretariat based on annual submission from January 2003 - December 2013.

Monthly reporting does not include production from wind, therefore it is estimated by the IEA Secretariat based on annual submission from January 2003 - December 2013. Since December 2018 the data submission includes wind data, so it is no longer estimated.

Installations under 500 kW are not included in the reporting data, therefore it is estimated by the IEA Secretariat based on annual submission.

Electricity trade data is estimated by Mexico administration. It may be inconsistent with US data flows. This data is currently under review.

In December 2018 a new data source was used by Mexico and some data are under review and improvement, therefore 2017 and 2018 data may be inconsistent with previous publications.

Monthly electricity production data does not include trade data and transmission and distribution losses which are estimated by the IEA Secretariat.

NETHERLANDS

Excludes Suriname and the territory of the Former Netherlands Antilles.

Monthly reporting does not include production from other non combustible fuels, therefore it is estimated by the IEA Secretariat based on annual submission since January 2000.

Monthly reporting did not include production from solar, therefore it was estimated by the IEA Secretariat based on annual submission from January 2000 until December 2009.

There was no nuclear production in May and June 2017 due to plant maintenance. The nuclear production resumed in July 2017.

NEW ZEALAND

Monthly submissions only include main electricity producers, which supposes a 95% coverage. The rest of the electricity generation is estimated by the IEA Secretariat based on the annual submissions.

Monthly reporting does not include production from other non combustible fuels, therefore it is estimated by the IEA Secretariat based on annual submission since January 2002.

NORWAY

Net production is estimated from monthly submission of gross production through December 2015 by the IEA Secretariat.

Monthly reporting does not include production from other non combustible fuels, therefore it is estimated by the IEA Secretariat based on annual submission since January 2003.

Natural gas figures for May and June 2018 are confidential.

POLAND

Monthly reporting does not include production from oil, therefore it is estimated by the IEA Secretariat based on annual submission since January 2009 until December 2016.

Oil figures are confidential since January 2017.

PORUGAL

Includes the Açores and Madeira since January 2015.

Monthly reporting did not include production from geothermal, therefore it is estimated by the IEA Secretariat based on annual submission since January 2004 until December 2014.

Monthly reporting did not include production from solar, therefore it was estimated by the IEA Secretariat based on annual submission from January 2004 until December 2008.

Monthly reporting did not include production from wind, therefore it was estimated by the IEA Secretariat based on annual submission from January 2004 until December 2008.

SLOVAK REPUBLIC

Monthly reporting did not include production from solar, therefore it was estimated by the IEA Secretariat based on annual submission since January 2010 until December 2016.

Monthly reporting does not include production from wind, therefore it is estimated by the IEA Secretariat based on annual submission since January 2003.

Monthly reporting does not include production from other non combustible fuels, therefore it is estimated by the IEA Secretariat based on annual submission since January 2003.

SLOVENIA

Slovenia was added to the MES report in April 2011. Historical data are available only from January 2009.

SPAIN

Includes the Canary Islands, Balear Islands, Ceuta and Melilla.

Monthly reporting did not include production from other non combustible fuels, therefore it was estimated by the IEA Secretariat based on annual submission since January 2004 until December 2015.

Monthly reporting did not include production from solar, therefore it was estimated by the IEA Secretariat based on annual submission from January 2004 until December 2008.

SWEDEN

Monthly reporting does not include production from solar, therefore it is estimated by the IEA Secretariat based on annual submission since January 2000.

SWITZERLAND

Excludes Liechtenstein.

Monthly reporting did not include production from solar, therefore it was estimated by the IEA Secretariat based on annual submission from January 2003 until December 2009.

Monthly reporting did not include production from wind, therefore it was estimated by the IEA Secretariat based on annual submission from January 2003 until December 2009.

In 2016 and 2017 a small nuclear power plant was out-of-order in the second half of the year, and restarted in March 2018. In addition, a big nuclear power plant had in the second half of 2016 and 2017 a longer revision period in contrast to the normal revision in 2018.

TURKEY

Monthly submission does not include production from other non combustible fuels, therefore it is estimated by the IEA Secretariat.

UNITED KINGDOM

Monthly reporting does not include production from other combustible fuels, therefore it is estimated by the IEA Secretariat based on annual submission since January 2001.

Monthly reporting did not include production from solar, therefore it was estimated by the IEA Secretariat based on annual submission from January 2001 until December 2009.

Monthly reporting did not include production from wind, therefore it was estimated by the IEA Secretariat based on annual submission from January 2001 until December 2006.

Monthly reporting did not include exports, therefore they were estimated by the IEA Secretariat based on annual submission from January 2001 until December 2002.

UNITED STATES

Includes the 50 States, the District of Columbia and Puerto Rico.

Monthly reporting did not include production from geothermal, therefore it was estimated by the IEA Secretariat based on annual submission from January 2003 until December 2005.

Monthly reporting did not include production from solar, therefore it was estimated by the IEA Secretariat based on annual submission from January 2003 until December 2005.

Monthly reporting did not include production from wind, therefore it was estimated by the IEA Secretariat based on annual submission from January 2003 until December 2005.

Monthly reporting did not include production from other non combustible fuels, therefore it was estimated by the IEA Secretariat based on annual submission from January 2003 until December 2005.

Electricity trade data has been estimated by the U.S. administration since July 2017. It may be inconsistent with the trade data from Mexico. This data is currently under review.

Selected Association countries and other non-OECD Economies

Monthly Electricity Statistics is consistent with historical annual data.

Monthly Electricity Statistics for this annex only cover production data, as trade data is not available for all considered countries

ARGENTINA

Monthly production data only include main electricity producers. The rest of the electricity generation is estimated by the IEA Secretariat based on the annual submissions.

Monthly reporting includes Paraguayan hydro production from the Yacyreta binational dam. The Paraguayan share is estimated by the IEA Secretariat then discounted from the total Argentinian hydro production.

BRAZIL

Monthly production data only include main electricity producers. The rest of the electricity generation is estimated by the IEA Secretariat based on the annual submissions.

Monthly reporting includes Paraguayan hydro production from the Itaipu binational dam. The Paraguayan share is estimated by the IEA Secretariat then discounted from the total Brazilian hydro production.

CHINA

Raw monthly production data is collected from the National Bureau of Statistics in gross values. All the data in the MES Report is presented in net values, therefore Chinese net production data is calculated based on IEA Secretariat estimates.

Raw production data for the months of January and February is reported combined. The IEA Secretariat have estimated production data for these two months based on annual data and the FGE China Gas Monthly Report.

Monthly reporting did not include disaggregated production from combustible fuels, therefore it is estimated by the IEA Secretariat based on annual data.

Monthly reporting did not include production from geothermal, therefore it is estimated by the IEA Secretariat based on annual data.

Monthly reporting did not include production from other renewables sources, therefore it is estimated by the IEA Secretariat based on annual data.

CROATIA

Monthly reporting did not include production from solar, therefore it was estimated by the IEA Secretariat based on annual submission from January 2015 until December 2016.

From January 2016 onwards, solar production was included in the monthly reporting.

INDIA

Raw monthly production data is collected from the Central Electricity Authority in gross values. All the data in the MES Report is presented in net values, therefore Indian net production data is calculated based on IFA Secretariat estimates.

Monthly data are adjusted according to data submitted on a fiscal year basis beginning 1st of April and ending 31st of March.

Monthly production data only include main electricity producers. The rest of the electricity generation is estimated by the IEA Secretariat based on the annual submissions.

Monthly reporting did not include production from other combustible fuels, therefore it is estimated by the IEA Secretariat based on annual data.

ROMANIA

Monthly reporting did not include production from solar, therefore it was estimated by the IEA Secretariat based on annual submission from January 2015 until December 2016.

From January 2016 onwards, solar production was included in the monthly reporting.

Statistics
in
the
OECD
Electricity
Statistics

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