

wiren

WEEKLY ENERGY REPORT

51 / 2024

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Day Ahead Market Price

DAM PRICES

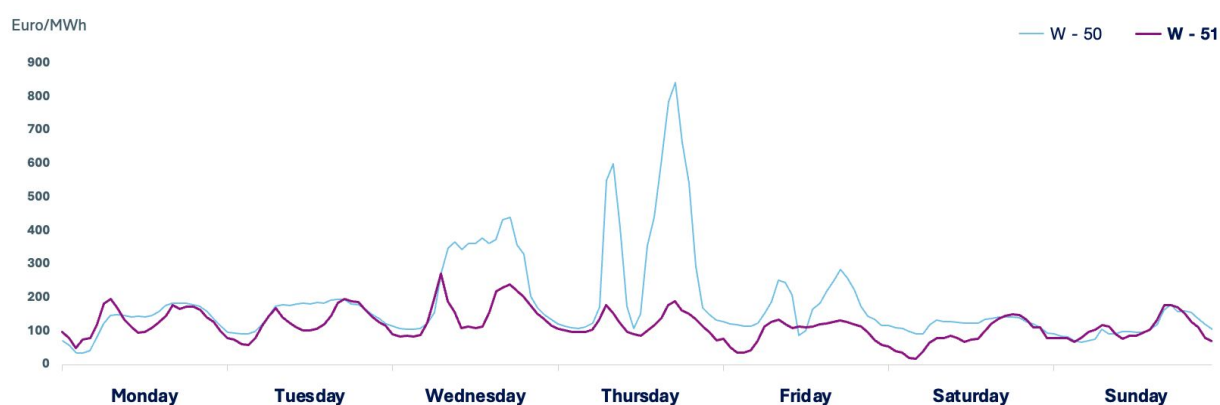
CET Hours

	Week 50 [Euro/MWh]	Week 51 [Euro/MWh]	Variation %
Average Price	182,10	117,93	-35,2%
Maximum Price	843,29	272,17	-67,7%
Minimum Price	35,35	18,11	-48,8%
$\Delta\text{Price} = \max(\text{average}) - \min(\text{average})$	234,46	115,97	-50,5%

Romania's average price was **€118/MWh**, with Bulgaria following a very similar pattern throughout the week. Compared to Week 50, Romania experienced a significant decrease in its average price, **dropping from €182.10/MWh to €117,93/MWh**, with price fluctuations ranging from a maximum above €250/MWh to a minimum of €18.11/MWh.

The maximum price saw a massive decrease of 67,7%, from €843,29/MWh to €272,17/MWh, while **the minimum price also fell by 48.8%**, from €35,35/MWh to €18,11/MWh.

Hourly Prices



Romania hit its highest hourly prices on **Wednesday, December 18th**, in line with what was happening in countries like Austria, Hungary, Slovakia, Poland, Bulgaria, Greece, Croatia, and Slovenia. On that day, Romania's maximum price peaked at €272,17/MWh, marking **the highest for the week**.

On the **same day**, Finland, Estonia, Lithuania, and Latvia recorded the highest hourly price across Europe, reaching €493.97/MWh during the 8:00 AM interval.



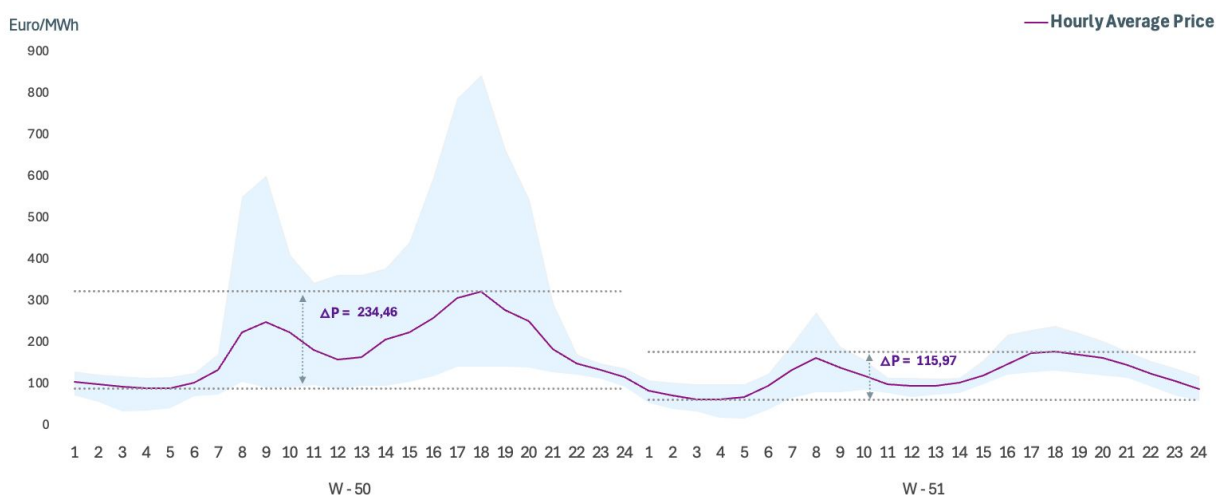
Prices Spread

Hour (CET)	Monday 16-Dec	Tuesday 17-Dec	Wednesday 18-Dec	Thursday 19-Dec	Friday 20-Dec	Saturday 21-Dec	Sunday 22-Dec	Average Price Week	Average Price Weekdays	Average Price Weekend
1	99,05	80,96	92,21	107,99	76,88	55,13	80,38	84,66	91,42	67,76
2	80,43	74,69	85,33	102,25	52,79	39,98	80,38	73,69	79,10	60,18
3	50,00	62,03	85,84	99,05	35,35	35,35	80,38	64,00	66,45	57,87
4	74,15	58,57	84,28	98,60	35,23	19,41	68,42	62,67	70,17	43,92
5	80,00	80,43	88,94	99,29	43,09	18,11	80,38	70,03	78,35	49,25
6	120,63	117,57	124,53	104,24	69,99	37,67	99,05	96,24	107,39	68,36
7	182,10	146,61	195,50	135,78	114,37	67,10	105,86	135,33	154,87	86,48
8	197,00	168,65	272,17	179,44	129,03	80,40	119,02	163,67	189,26	99,71
9	169,48	141,76	190,43	155,00	135,06	80,40	114,56	140,96	158,35	97,48
10	134,72	124,63	158,02	126,54	122,06	87,10	90,16	120,46	133,19	88,63
11	115,17	111,53	110,45	99,05	110,01	80,40	77,96	100,65	109,24	79,18
12	96,69	103,88	113,25	91,68	115,15	68,72	86,21	96,51	104,13	77,47
13	99,05	103,77	109,93	87,47	111,99	74,21	87,11	96,22	102,44	80,66
14	110,01	108,10	113,28	102,81	115,11	78,62	95,06	103,28	109,86	86,84
15	126,25	120,10	157,12	117,73	121,51	99,97	105,58	121,18	128,54	102,78
16	147,20	146,28	218,95	139,27	124,34	122,89	132,57	147,36	155,21	127,73
17	178,88	186,28	230,85	178,88	128,85	136,49	178,88	174,16	180,75	157,69
18	167,36	195,71	239,51	188,95	132,84	147,19	178,88	178,63	184,87	163,04
19	173,00	189,94	221,66	163,08	127,20	150,08	171,48	170,92	174,98	160,78
20	173,00	186,45	202,39	153,01	121,85	149,01	154,18	162,84	167,34	151,60
21	165,00	164,14	177,60	136,30	114,62	134,98	128,00	145,81	151,53	131,49
22	141,15	143,46	154,01	114,08	95,16	112,00	111,00	124,41	129,57	111,50
23	128,85	127,59	137,24	96,03	73,76	111,39	80,38	107,89	112,69	95,89
24	101,12	117,50	116,90	73,27	60,20	80,40	71,69	88,73	93,80	76,05
Average	129,60	127,53	153,35	122,91	98,60	86,13	107,40	117,93	126,40	96,76
ΔPrice	147,00	137,14	187,89	115,68	99,83	131,97	110,46	115,97	122,80	119,12

Maximum Minimum

[Euro/MWh]

The **average prices during weekdays** are higher, with peaks on specific days such as Wednesday, while **weekend prices** exhibit more stability and lower levels overall.

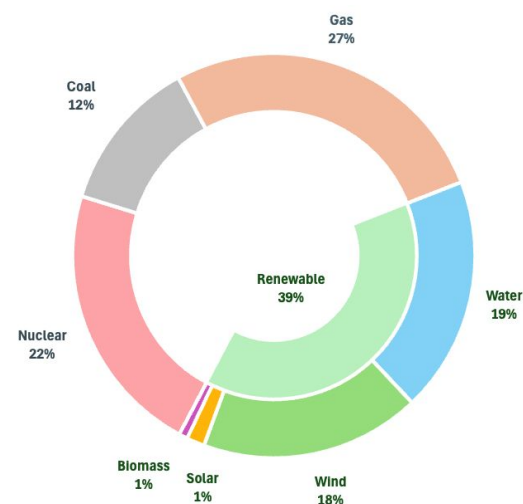


The **price spread** was **€115,97/MWh**, indicating a more stable pricing environment compared to the previous week. While there were still fluctuations throughout the week, the lower price spread suggests less volatility and more consistent prices across the hours.



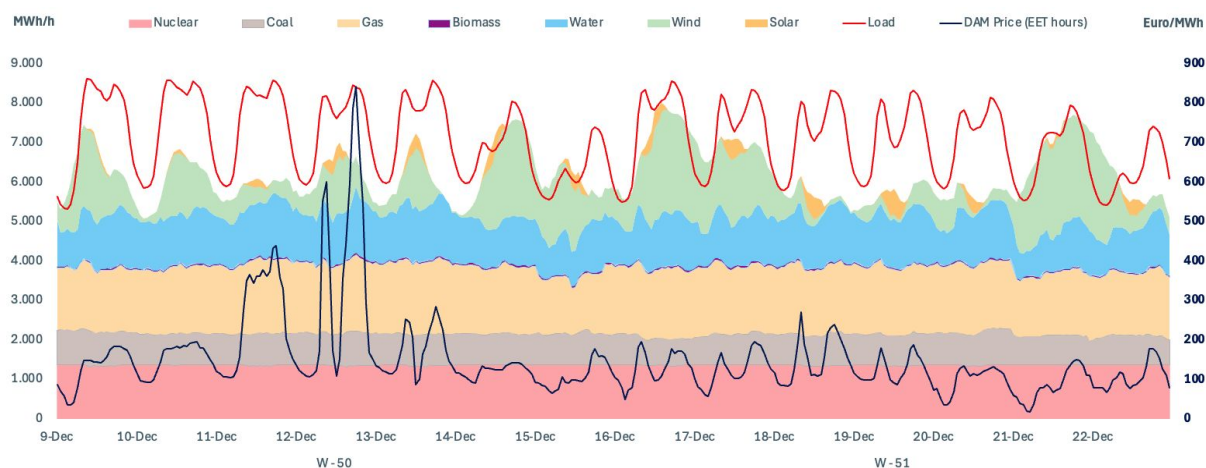
Energy Overview

	EET Hours		
	Week50 GWh	Week51 GWh	Variation %
PRODUCTION	1.035	1.049	1,4%
Nuclear	231	231	0,0%
Coal	136	130	-4,8%
Gas	284	283	-0,3%
Water	209	198	-5,4%
Wind	158	186	17,4%
Solar	10	15	52,3%
Biomass	7	7	0,7%
LOAD	1.211	1.178	-2,7%
SOLD	-176	-129	-26,7%
DAM Price (EET hours) [Euro/MWh]	182,00	118,13	-35,1%



Romania's electricity **consumption decreased by 3%** compared to the previous week. This decline in demand came alongside a **1.4% increase in overall energy production**. The significant factor in this growth was **wind and solar energy**, which contributed to the increase in renewable energy generation.

Hourly Generation



On **Saturday, December 21st**, nearly a third of Romania's total energy production came from **wind power**. This significant contribution from renewables allowed Romania to shift into a positive position, **becoming a net exporter of energy for the first time in the last three weeks**.



European Day Ahead Market Prices



The energy pricing landscape in Europe saw a shift. While prices had been above €120/MWh across most of the continent the week before, **only four countries exceeded this level** this time: Slovakia (€126/MWh), North Macedonia (€123/MWh), Hungary (€121/MWh), and Italy (€120/MWh).

Across the continent, most countries saw a decline in prices, with Finland being the only exception. **Germany and Denmark experienced the most noticeable changes**, where prices went from relatively high levels of €177/MWh and €163/MWh to much lower rates of €52/MWh and €32/MWh.



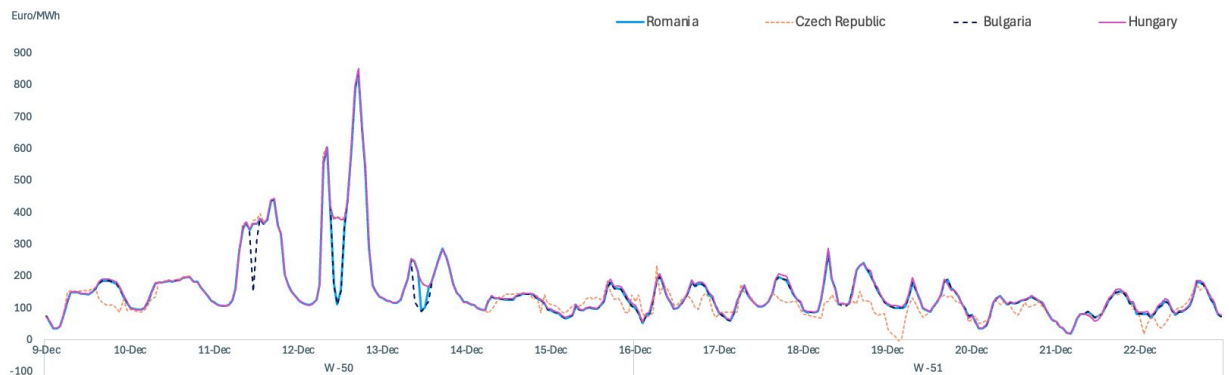
European Energy Context

DAM PRICES

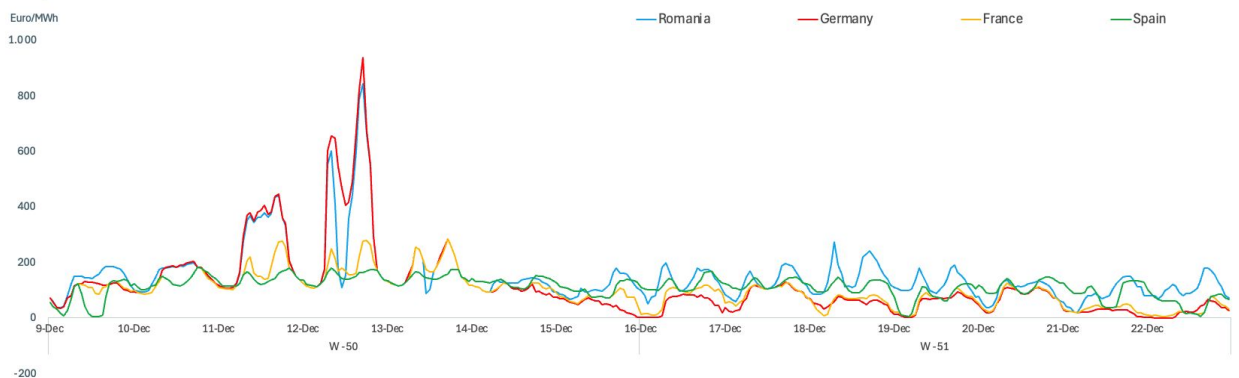
CET Hours

	Week 50 [Euro/MWh]	Week 51 [Euro/MWh]	Variation %
Romania	182,10	117,93	-35,2%
Bulgaria	178,92	117,84	-34,1%
Hungary	189,06	120,79	-36,1%
Czech Republic	186,13	99,46	-46,6%
Germany	176,85	51,92	-70,6%
France	130,25	60,66	-53,4%
Spain	123,25	99,34	-19,4%

Region



Europe





Energy belongs to everyone!

Wiren is an renewable energy & infrastructure solutions group with strong emphasis on EPC and PV/BESS development.

Our purpose is rooted in the belief that energy should be clean, sustainable, and accessible to everyone. With a commitment to innovation and excellence, we constantly challenge and reshape the energy industry.

Our vision is to make renewable energy a universal right, transforming how the world accesses and utilizes energy.

By continuously innovating and removing barriers to energy access, we strive to make renewable resources a tangible reality for communities and industries worldwide.

Disclaimer

Wiren Weekly Energy Report (WVER) is a personalized guide to the Romanian and European energy markets, with focus on most important highlights and events from previous week.

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