

wiren

WEEKLY ENERGY REPORT

49 / 2024

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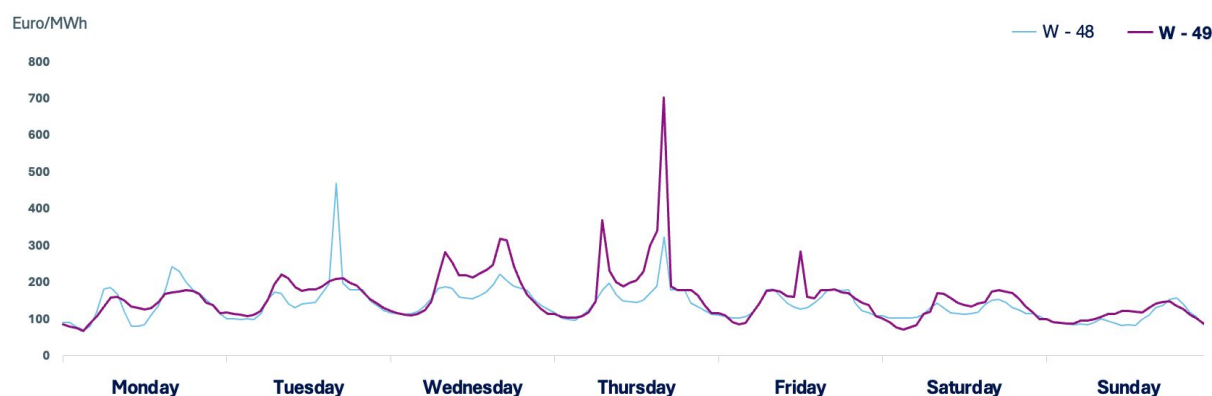
Day Ahead Market Price

DAM PRICES	CET Hours		
	Week 48 [Euro/MWh]	Week 49 [Euro/MWh]	Variation %
Average Price	138,74	155,69	12,2%
Maximum Price	469,41	703,16	49,8%
Minimum Price	70,80	68,25	-3,6%
$\Delta\text{Price} = \max(\text{average}) - \min(\text{average})$	148,52	180,63	21,6%

Romania's Day-Ahead Market prices kept things interesting. The average price reached **€155,69/MWh, up by 12.2%** compared to €138,74/MWh the previous week. The highest hourly price was **€703,16/MWh, significantly higher than Week 48's**. At the other end, the lowest price for the week came in at **€68,25/MWh, slightly below** the previous week's.

What stands out? The gap between the weekly highs and lows widened to **€180.63**.

Hourly Prices



Thursday, **December 5th**, stood out in Eastern Europe's energy scene. **At 3 PM (CET)**, Romania, Bulgaria, and Hungary reached the week's highest hourly price, exceeding **€700/MWh**.

By the weekend, things evened out, with prices settling into familiar seasonal pattern. A steady end to a week of shifting dynamics.



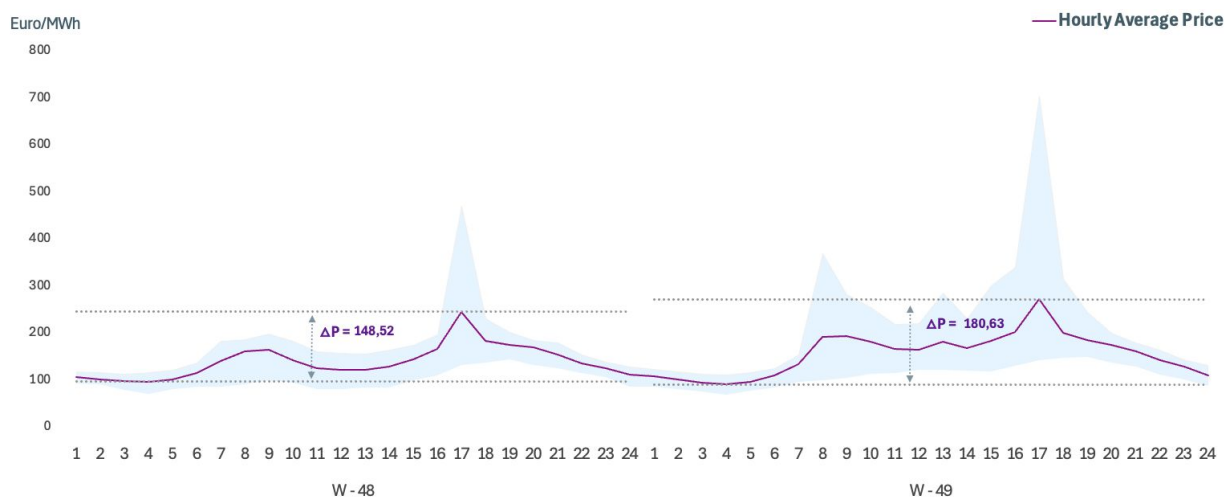
Prices Spread

Hour (CET)	Monday 2-Dec	Tuesday 3-Dec	Wednesday 4-Dec	Thursday 5-Dec	Friday 6-Dec	Saturday 7-Dec	Sunday 8-Dec	Average Price Week	Average Price Weekdays	Average Price Weekend
1	84,89	118,00	122,11	114,77	115,64	101,11	98,90	107,92	111,08	100,01
2	79,77	114,35	116,66	105,74	108,91	90,75	92,27	101,21	105,09	91,51
3	75,77	111,08	112,79	103,65	92,61	77,27	90,13	94,76	99,18	83,70
4	68,25	107,19	110,28	104,02	85,94	71,36	87,30	90,62	95,14	79,33
5	86,63	111,68	114,83	107,34	89,77	77,06	88,18	96,50	102,05	82,62
6	107,32	122,92	124,33	116,95	118,58	83,12	96,06	109,90	118,02	89,59
7	132,43	153,00	148,91	149,11	143,01	113,30	96,55	133,76	145,29	104,93
8	158,81	195,50	221,42	368,70	176,31	120,46	99,78	191,57	224,15	110,12
9	160,14	220,00	281,30	231,16	179,40	169,77	105,01	192,40	214,40	137,39
10	150,00	210,00	254,31	199,88	174,16	168,83	113,19	181,48	197,67	141,01
11	133,90	186,68	218,72	187,64	162,66	155,30	114,74	165,66	177,92	135,02
12	129,73	175,99	219,24	198,31	160,87	144,71	121,63	164,35	176,83	133,17
13	126,08	181,01	212,32	205,15	284,63	138,30	121,80	181,33	201,84	130,05
14	129,82	180,07	222,13	229,73	161,33	134,80	120,37	168,32	184,62	127,59
15	146,00	189,28	232,39	299,80	157,30	141,42	118,07	183,47	204,95	129,75
16	168,33	202,38	247,71	339,83	178,66	145,42	129,68	201,72	227,38	137,55
17	172,91	209,72	318,10	703,16	178,03	174,59	142,21	271,25	316,38	158,40
18	175,31	210,62	313,08	189,52	180,97	178,88	147,15	199,36	213,90	163,02
19	178,46	197,88	243,04	178,88	171,93	175,00	148,11	184,76	194,04	161,56
20	175,72	189,83	199,83	178,89	171,19	171,04	136,52	174,72	183,09	153,78
21	168,17	171,91	165,78	178,89	155,75	154,00	127,69	160,31	168,10	140,85
22	145,00	154,14	145,76	163,86	145,06	133,43	111,79	142,72	150,76	122,61
23	137,82	142,08	127,66	135,80	137,23	118,38	100,89	128,55	136,12	109,64
24	115,28	130,81	113,16	115,19	107,21	100,25	87,71	109,94	116,33	93,98
Average	133,61	166,09	191,08	204,42	151,55	130,77	112,32	155,69	169,35	121,55
ΔPrice	110,21	112,81	207,82	599,51	198,69	107,52	60,81	180,63	221,25	83,69

Maximum Minimum

[Euro/MWh]

We can also see energy prices' weekday-weekend rhythm, with weekdays averaging **€169,35/MWh** compared to **€121,55/MWh** on the weekend. The spread followed this trend as well, reaching **€221,25/MWh** during the busier weekdays and settling at **€83,69/MWh** for the calmer weekend period.

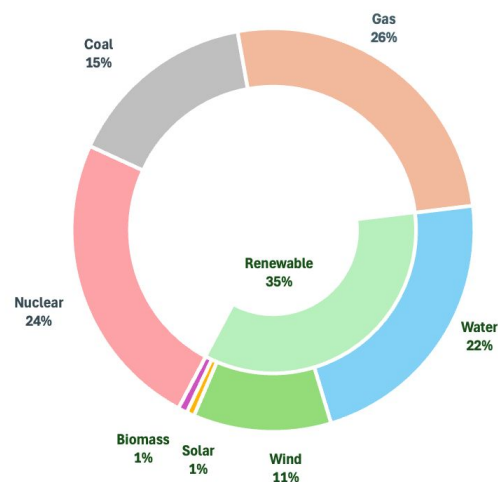


Last week brought **more pronounced price fluctuations**, with the hourly spread increasing from **€148,52/MWh** in the previous week to **€180,63/MWh**.



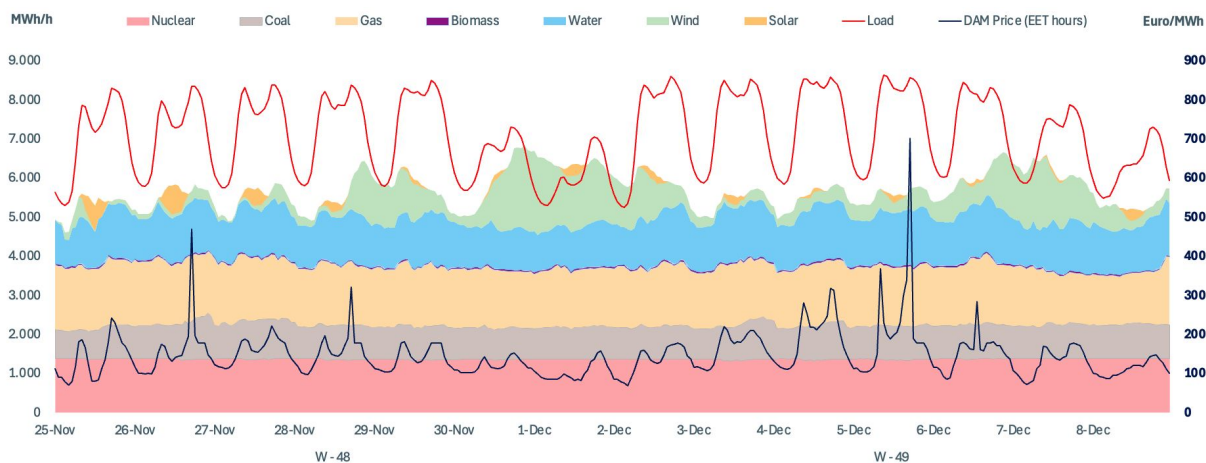
Energy Overview

	EET Hours		
	Week 48 GWh	Week 49 GWh	Variation %
PRODUCTION	957	958	0,1%
Nuclear	230	230	0,0%
Coal	146	147	0,9%
Gas	259	248	-4,4%
Water	194	213	9,9%
Wind	107	106	-0,7%
Solar	14	6	-57,0%
Biomass	7	7	3,9%
LOAD	1.171	1.216	3,9%
SOLD	-214	-258	20,7%
DAM Price (EET hours) [Euro/MWh]	138,90	155,67	12,1%



Solar power barely showed up, delivering its **lowest output of the year**, while imports hit six-year highs to compensate for the deficit. On a more positive note, hydropower had a strong week, providing a much-needed **10% boost**.

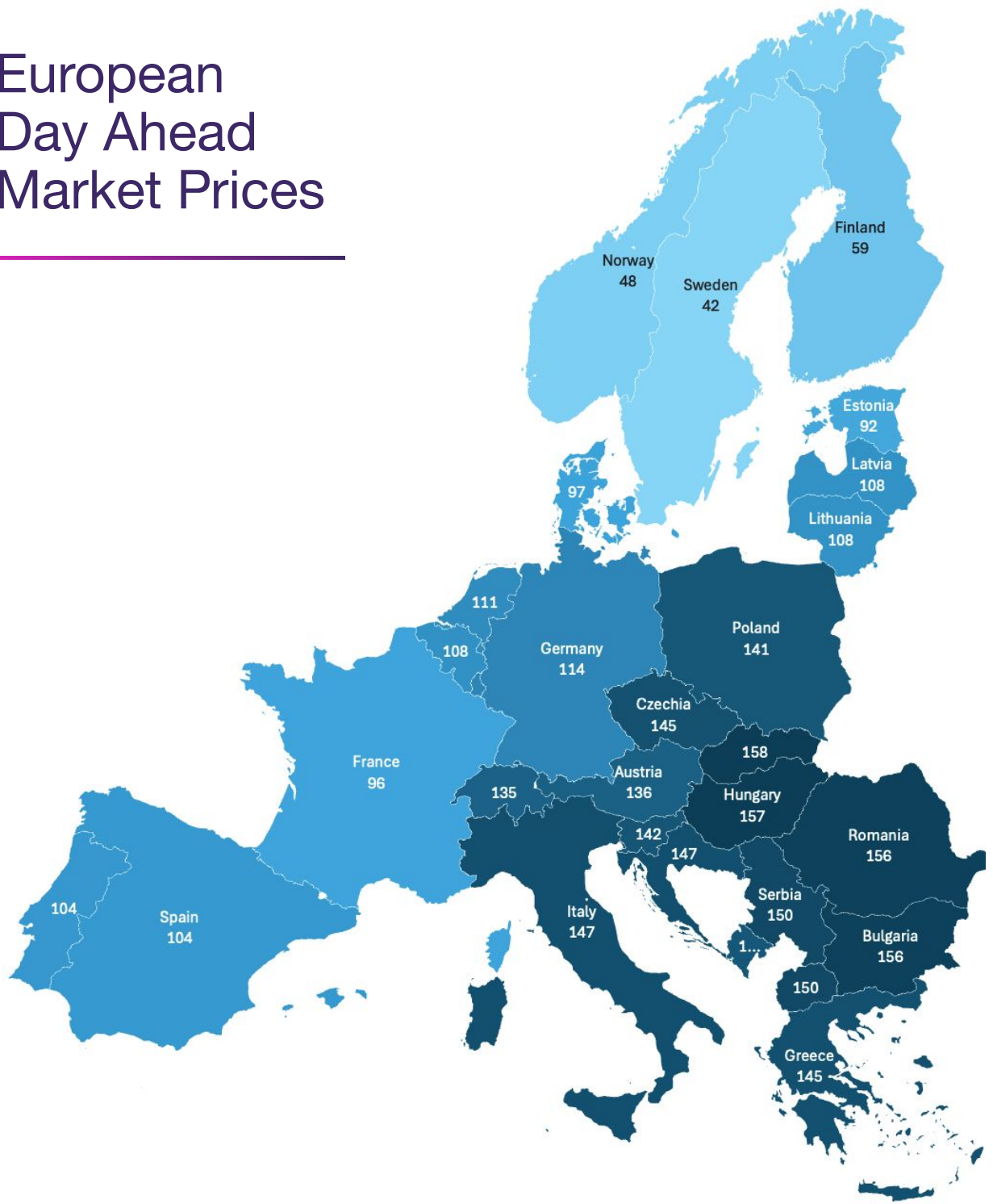
Hourly Generation



Energy demand tested some new limits, averaging 7,232 MWh/h for the week - the highest this year - and achieving a **daily average of 7,598 MWh/h**, the second-highest in two years. It was a week of highs, lows, and everything in between.



European Day Ahead Market Prices



Europe's energy markets had a bit of everything as well. Eastern Europe continued to see rates rise past €150/MWh. Leading the region was **Slovakia** at **€157,96/MWh**, trailed closely by **Hungary (€157,28/MWh)** and **Romania and Bulgaria (€155,69/MWh)**.

Not everyone was chasing records, though. Prices in the Nordics, Estonia, and France held steady **below €100/MWh**. The Iberian Peninsula, on the other hand, stood out for a different reason: a **€20/MWh decrease**, the largest price cut of the week.



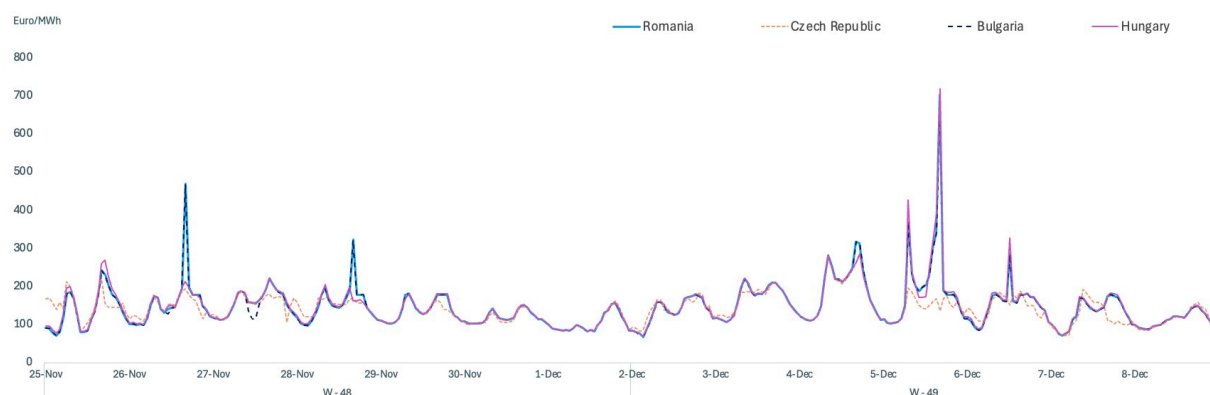
European Energy Context

DAM PRICES

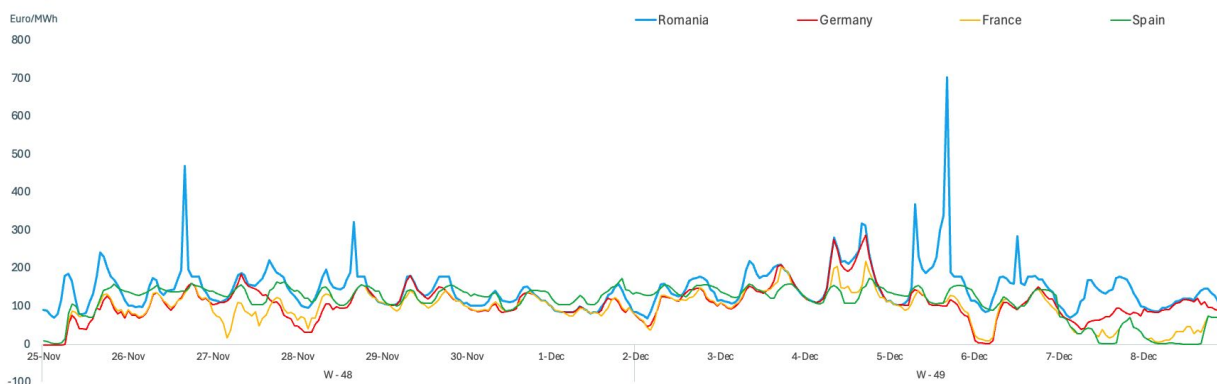
CET Hours

	Week 48 [Euro/MWh]	Week 49 [Euro/MWh]	Variation %
Romania	138,74	155,69	12,2%
Bulgaria	137,98	155,69	12,8%
Hungary	137,92	157,28	14,0%
Czech Republic	136,14	144,75	6,3%
Germany	101,84	114,12	12,1%
France	97,71	95,58	-2,2%
Spain	124,47	104,10	-16,4%

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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