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WEEKLY ENERGY REPORT

50 / 2024

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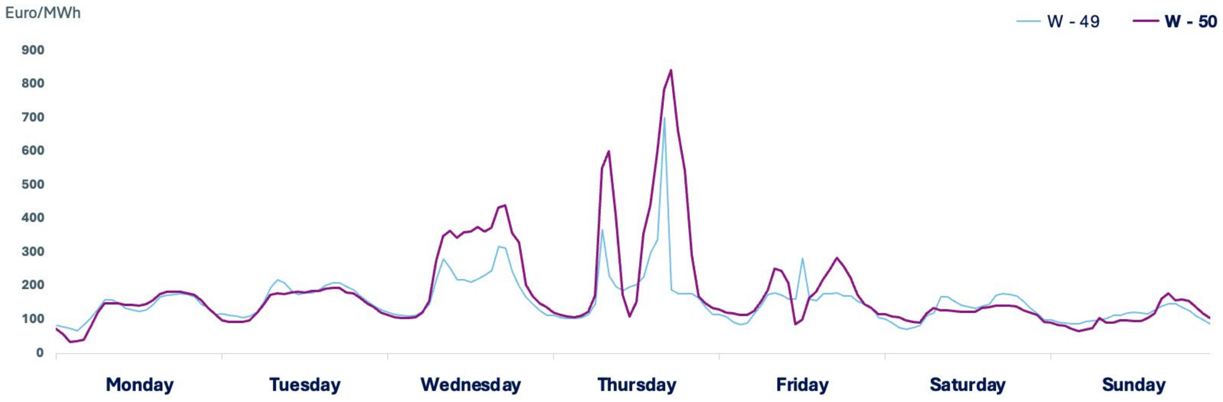
Day Ahead Market Price

DAM PRICES			CET Hours
	Week 49 [Euro/MWh]	Week 50 [Euro/MWh]	Variation %
Average Price	**155,69**	**182,10**	**17,0%**
Maximum Price	**703,16**	**843,29**	**19,9%**
Minimum Price	**68,25**	**35,35**	**-48,2%**
ΔPrice = max(average) - min(average)	**180,63**	**234,46**	**29,8%**

Romania's Day-Ahead Market prices took an interesting turn. **The average price increased to €182,10/MWh, up 17%** compared to the previous week. **The highest price hit €843,29/MWh**, which was **a 20% rise** from Week 49, while the **lowest price dropped to €35,35/MWh** - almost half of what we saw last week.

The **price gap** also grew, with the difference between the highest and lowest prices reaching **€234,46/MWh**, marking a 29.8% increase.

Hourly Prices



Energy prices fluctuated quite a bit last week, with **Thursday, December 12th**, being particularly noteworthy. On that day, much of Europe saw the highest daily average prices of the year, driven by significant price increases in several regions.

Wednesday, December 11th, was also active, with prices gradually rising, which hinted at the surge to come the following day.

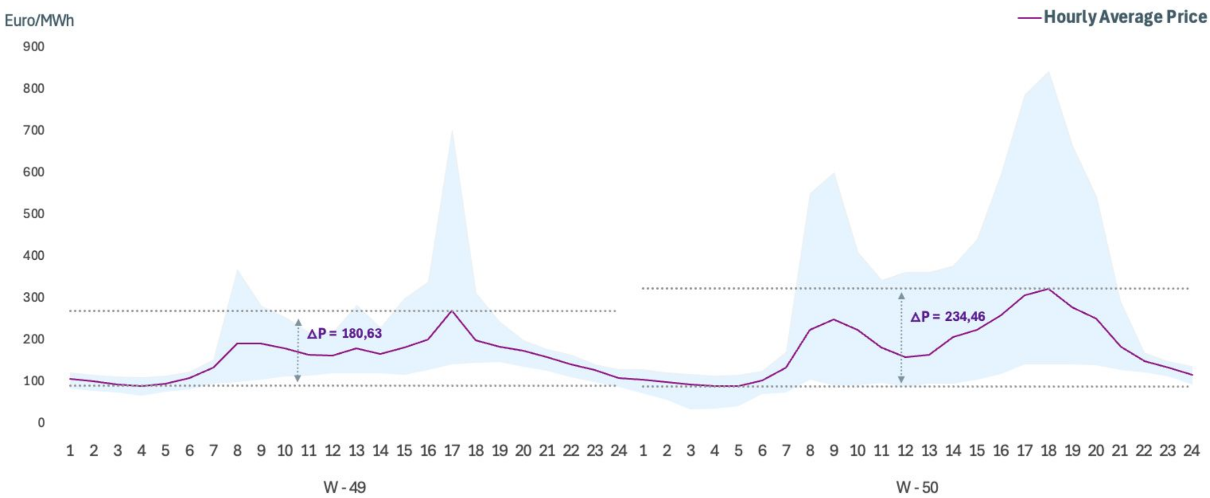
Prices Spread

Hour (CET)	Monday 9-Dec	Tuesday 10-Dec	Wednesday 11-Dec	Thursday 12-Dec	Friday 13-Dec	Saturday 14-Dec	Sunday 15-Dec	Average Price Week	Average Price Weekdays	Average Price Weekend
1	72,43	98,10	114,35	122,24	130,07	116,94	91,88	**106,57**	**107,44**	**104,41**
2	57,04	95,21	107,61	115,30	122,90	111,36	85,00	**99,20**	**99,61**	**98,18**
3	35,35	93,48	106,56	109,96	118,97	108,04	83,02	**93,63**	**92,86**	**95,53**
4	35,76	93,19	105,34	107,35	114,95	99,02	72,42	**89,72**	**91,32**	**85,72**
5	42,32	99,04	107,47	112,51	115,64	93,44	66,22	**90,95**	**95,40**	**79,83**
6	80,36	118,86	122,69	123,66	125,45	91,55	71,14	**104,82**	**114,20**	**81,35**
7	121,35	144,97	156,71	172,11	155,08	119,26	75,74	**135,03**	**150,04**	**97,50**
8	148,36	174,22	276,12	551,41	187,69	134,53	106,49	**225,55**	**267,56**	**120,51**
9	149,00	179,17	349,56	601,90	253,00	128,32	92,72	**250,52**	**306,53**	**110,52**
10	148,41	177,91	366,18	410,35	245,74	128,51	92,25	**224,19**	**269,72**	**110,38**
11	143,94	181,17	343,63	175,00	208,42	126,21	98,69	**182,44**	**210,43**	**112,45**
12	144,27	183,61	361,92	109,46	87,97	125,11	99,88	**158,89**	**177,45**	**112,50**
13	142,01	181,32	362,09	153,01	100,90	125,01	97,11	**165,92**	**187,87**	**111,06**
14	148,07	185,76	378,05	355,49	165,00	125,01	96,37	**207,68**	**246,47**	**110,69**
15	158,40	185,05	362,33	441,06	184,50	135,17	105,28	**224,54**	**266,27**	**120,23**
16	177,30	192,97	374,69	597,88	220,62	138,94	119,78	**260,31**	**312,69**	**129,36**
17	184,06	194,72	434,07	787,18	251,48	142,09	162,83	**308,06**	**370,30**	**152,46**
18	183,72	196,22	440,12	843,29	284,21	142,82	178,88	**324,18**	**389,51**	**160,85**
19	183,48	181,00	358,49	664,02	260,00	142,24	159,34	**278,37**	**329,40**	**150,79**
20	178,88	179,94	331,26	543,86	225,60	139,68	160,51	**251,39**	**291,91**	**150,10**
21	174,70	165,49	203,61	293,08	175,00	128,95	157,00	**185,40**	**202,38**	**142,98**
22	159,30	150,00	169,87	169,40	146,22	122,20	137,83	**150,69**	**158,96**	**130,02**
23	136,56	137,93	150,00	150,00	135,09	113,92	119,00	**134,64**	**141,92**	**116,46**
24	116,04	121,37	136,75	134,75	116,52	93,65	105,37	**117,78**	**125,09**	**99,51**
Average	**130,05**	**154,61**	**259,14**	**326,84**	**172,13**	**122,17**	**109,78**	**182,10**	**208,55**	**115,97**
ΔPrice	**148,71**	**103,03**	**334,78**	**735,94**	**196,24**	**51,27**	**112,66**	**234,46**	**298,19**	**81,02**

Maximum **Minimum**

[Euro/MWh]

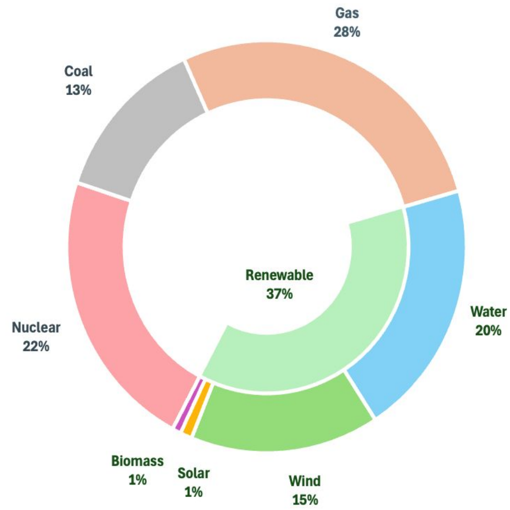
On Thursday, December 12th, at 6 PM (CET), Romania's Day Ahead Market price reached **€843,29/MWh.** This marked the highest price of the week and **the highest in the past two years**, recorded in about one-third of Europe's energy exchanges.



The hourly price spread saw a noticeable increase from €180,63/MWh to **€234,46/MWh,** showing a bit more volatility in the market as prices fluctuated throughout the day.

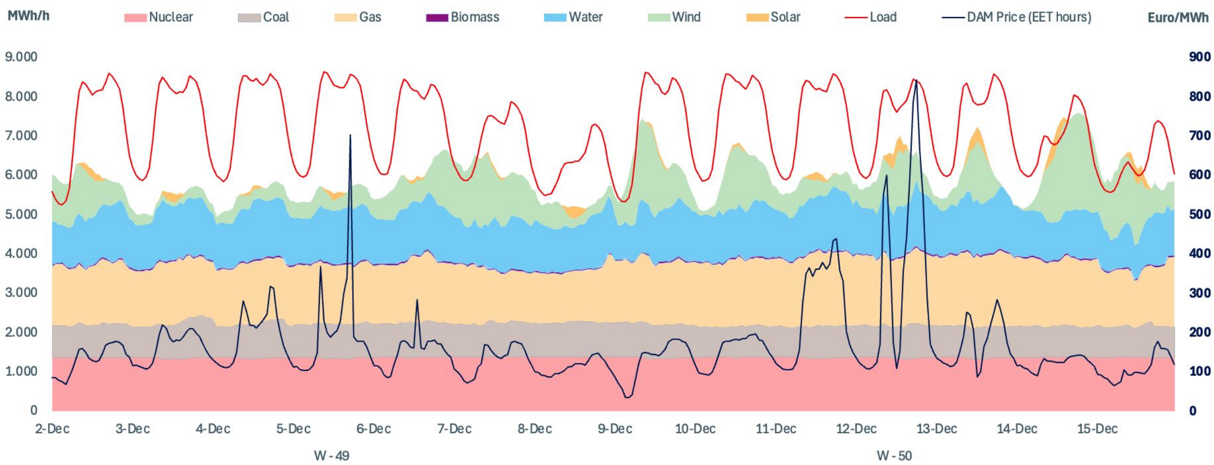
Energy Overview

	Week 49	Week 50	Variation
	GWh	GWh	%
PRODUCTION	958	1.035	8,1%
Nuclear	230	231	0,1%
Coal	147	136	-7,2%
Gas	248	284	14,4%
Water	213	209	-1,9%
Wind	106	158	49,1%
Solar	6	10	65,8%
Biomass	7	7	2,6%
LOAD	1.216	1.211	-0,4%
SOLD	-258	-176	-31,9%
DAM Price (EET hours) [Euro/MWh]	155,67	182,00	16,9%



National energy production increased by 8% compared to the previous week, largely due to a stronger contribution from renewable energy sources. Consumption decreased just a bit, indicating steady demand.

Hourly Generation



Even so, the price increase this week can be explained by the way the European energy market operates in a connected system. **Romania**, along with its neighboring countries, **was affected by price shifts from farther regions**, creating a domino effect moving from west to east.

European Day Ahead Market Prices

Energy prices rose across much of Europe, **reaching their highest averages of the year in over half of the continent's markets.** Prices surpassed €120/MWh in most regions, except for Scandinavia, which saw lower rates. Romania's prices increased, but it was outpaced by Slovakia, Hungary, Czechia, and Austria - Central Europe averaged around €180/MWh.

Finland, Poland, and Greece were the exceptions, with prices actually decreasing there.

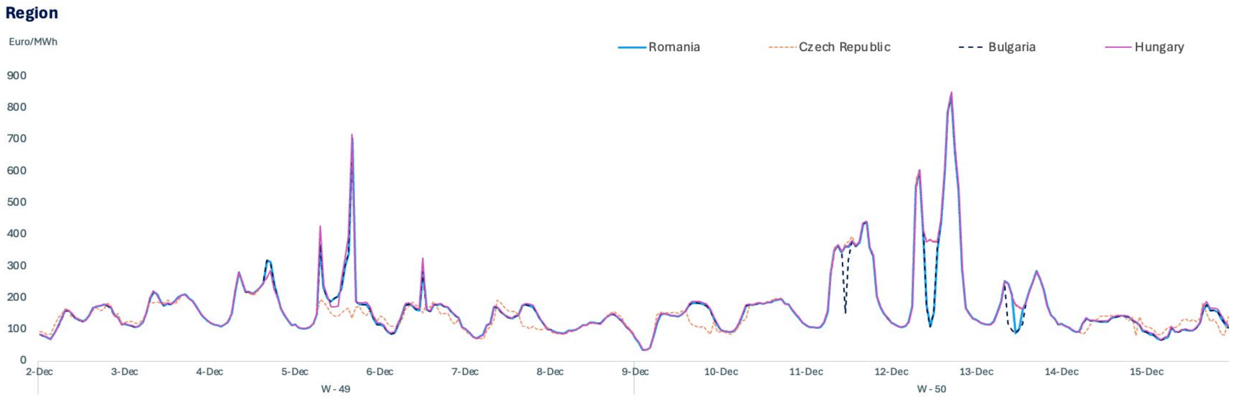
Europe's energy prices were up, but the real action came from the Germany-Denmark region, where a decrease in wind production pushed hourly prices to **€936/MWh.**

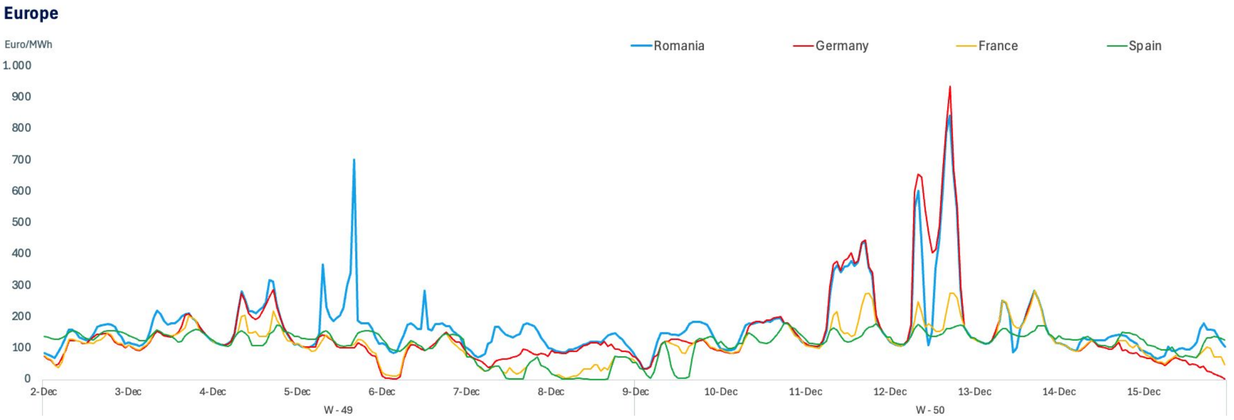
European Energy Context

DAM PRICES

CET Hours

	Week 49 [Euro/MWh]	Week 50 [Euro/MWh]	Variation %
Romania	155,69	182,10	**17,0%**
Bulgaria	155,69	178,92	**14,9%**
Hungary	157,28	189,06	**20,2%**
Czech Republic	144,75	186,13	**28,6%**
Germany	114,12	176,85	**55,0%**
France	95,58	130,25	**36,3%**
Spain	104,10	123,25	**18,4%**





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 (WWER) 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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