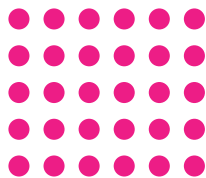


# ELECTRICITY PRICE VOLATILITY:

How to turn a market challenge  
into a business opportunity



**From unprecedented spikes to spells of negative pricing, the cost of electricity is oscillating like never before. Learn to take advantage of price volatility and turn a headache into a business opportunity – to reach your sustainability targets, while profiting from it.**

## Contents

<b>Play ahead of the volatility game</b>	<b>03</b>
<b>Why are energy prices so volatile?</b>	<b>04</b>
How the energy market works	
Will energy price volatility continue?	
<b>How is price volatility impacting Europe?</b>	<b>06</b>
The UK: businesses living up to ambitious net zero targets	
<b>Case study: How much could you save with Wattstor?</b>	<b>08</b>
Germany: the pressing need for more flexibility	
The Netherlands: growing businesses despite grid challenges	
The Czech Republic: supporting businesses and the grid in the net zero transition	
<b>Price volatility: how will it impact my business?</b>	<b>18</b>
<b>Our experts answer (FAQs)</b>	
<b>Building a holistic energy management system</b>	<b>20</b>
How Wattstor helps	
<b>Conclusions: looking at the future</b>	<b>22</b>
<b>About Wattstor</b>	<b>23</b>



## Play ahead of the volatility game

Would you rather fuel up your car at 6:00 am and pay EUR 1,035 for it, or wait six hours and do it for free? It may seem like an odd question, but that's exactly what would happen if petrol prices mirrored the fluctuations and volatility of wholesale electricity prices.

On 26th June 2024, wholesale electricity prices in Germany spiked to 2,325.83 EUR/MWh in the morning. Just a few hours later, they dropped to below zero: -0.06 EUR/MWh, to be precise<sup>1</sup>.

The extreme volatility of energy prices is not limited to Germany, but has affected the whole of Europe. Price spikes are not behind us, either, and recent data on wholesale price fluctuations suggest that the phenomenon is not only continuing, but increasing. **But why have energy prices become so volatile? And most importantly, what can industrial and commercial (I&C) organisations do to prevent volatility from impacting their bottom lines?**

The good news is, price fluctuations don't need to become a reason for concern. In fact, with the right tech and market insights, they can be turned into a strategic business opportunity to cut costs, advance net zero plans, and even create an extra revenue stream.

This white paper explains how - with practical, actionable advice, businesses can make the most of electricity price volatility thanks to solutions such as:

- Onsite renewables
- Bespoke energy storage
- A holistic energy management system
- Fully dynamic energy tariffs

By playing ahead of the volatility game, business leaders can make the most of price drops while protecting themselves from sudden surges. Even better, they can find viable ways to create extra revenues from exporting electricity to the grid when conditions are ideal.

And the best news? All this can be achieved while advancing net zero plans, supporting the grid in the clean energy transition, and boosting organisations' energy resilience.

Backed by strong financial partners and with a growing portfolio of large international customers, Wattstor has already helped organisations across Europe reach their emission goals while taking advantage of price volatility.

We are now sharing our expertise with you to provide helpful and valuable insights into electricity price volatility.

**So, are you ready to think outside the grid?**

<sup>1</sup> Source: ENAppSys: <https://app.enappsys.com/#gb>

# WHY ARE ENERGY PRICES SO VOLATILE?

## How the energy market works

The cost of electricity for residential and commercial users depends in part on the day-ahead market – the wholesale market, where electricity is traded a day in advance. Generators submit bids to sell electricity, and suppliers submit offers to buy it.

Because large-scale electricity storage is limited, supply must constantly match demand in real-time. Short-term price fluctuations in the day-ahead market are directly influenced by micro factors, such as sudden changes in wind or solar generation, which can cause rapid shifts in supply. Meanwhile, broader macro factors—such as geopolitical events, economic

conditions, and energy policy—affect overall market trends and the long-term price of energy. For a detailed explanation of [how the energy market works](#), please see our in depth insight.

While electricity prices have always been subject to fluctuations, recent years have seen heightened volatility due to macro-level disruptions, such as the war in Ukraine, which have impacted global energy supply chains.

At the same time, the increasing share of weather-dependent renewables has made short-term price movements more pronounced, leading to more frequent instances of extreme pricing events, including price spikes and negative pricing.





### Will energy price volatility continue?

While it is impossible to predict energy trends with absolute certainty, abundant data is showing that price volatility is likely to not only continue, but to increase.

For example, the Financial Times reported 7,841 hours of negative prices in Europe in the first eight months of 2024 – a new record<sup>2</sup>.

As more and more renewables enter the grid, it is to be expected that spikes and dips in generation capacity will likely be met with spikes and dips in prices. When supply is limited, more expensive generation, like gas power plants, come online. When supply is plentiful, thanks to wind and sun, prices are low because the marginal cost of renewable generation is zero.

"In the Netherlands, we are next to the North Sea and have huge wind farms as well as a big adoption of solar," commented Ronald Richardson, Business Development Director at Wattstor Netherlands. "This is the real cause of why volatility is so aggressive. The big concern is price peaks in the winter months, when

there is relatively little wind and hardly any sun. In this case, the prices go up because renewables don't produce and we need to use gas turbines."

"In the UK, there's no coal anymore, but coal actually makes the prices flat," added Wattstor's CEO, Stephan Marty. "When there isn't enough renewable generation, we rely on gas, but gas is expensive and causes prices to peak."

These are just two examples of why different drivers can exacerbate volatility in different countries.

### Negative pricing and renewables cannibalisation

More wind and solar in our power mix means that renewables play an increasing role in setting the price of electricity. But generating energy from solar and wind is much cheaper than extracting it from fossil fuels. The result? When renewable generation is at peak capacity, market prices plummet and can drop below zero. This is known as renewables cannibalisation.

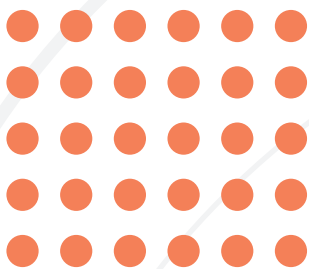
<sup>2</sup> Source: <https://www.ft.com/content/1f94d0b4-c839-40a2-9c8d-782c00384154>

# HOW IS PRICE VOLATILITY IMPACTING EUROPE?



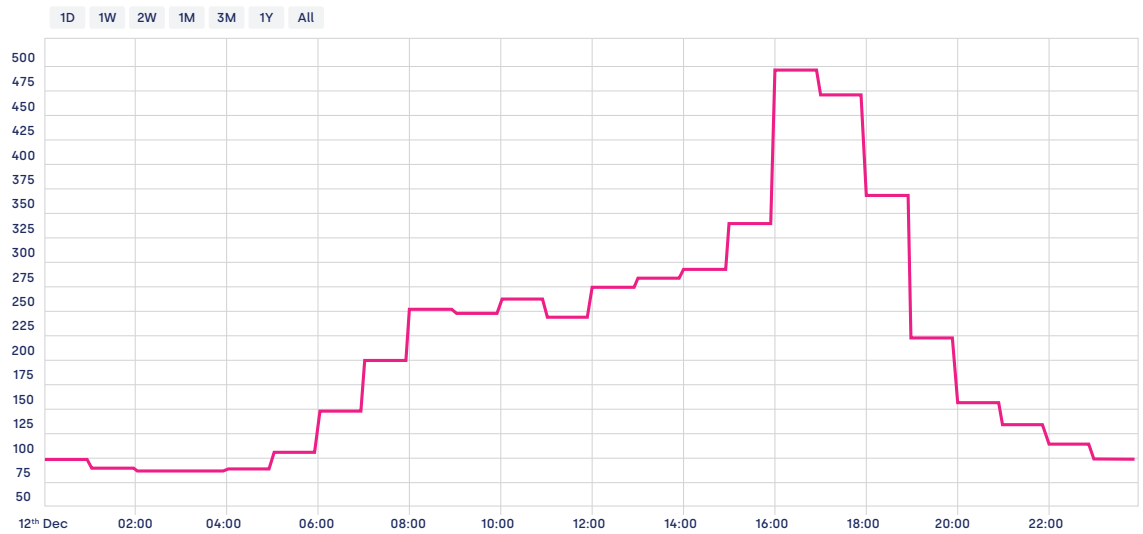
The European power grid is the most interconnected and resilient in the world<sup>3</sup>. It connects 39 Transmission System Operators (TSOs), enabling electricity to be traded and shared across borders. This interconnectedness allows for increased security and a better use of renewables. It also means that price fluctuations affecting one country will generally be reflected in all other connected countries.

If we look at energy price trends in different countries over the past year, we will see that there are common periods of spikes and dips. Nevertheless, the specificities of each region also affect how businesses are impacted by price volatility, and the extent to which they can benefit from it with the right insights, tech and tariffs.



<sup>3</sup> <https://op.europa.eu/en/publication-detail/-/publication/e4f3f8b3-925a-11ee-8aa6-01aa75ed71a1/language-en#:~:text=Europe%20has%20the%20most%20interconnected,and%20day%20of%20the%20year>

UK'S DAY AHEAD PRICES FOR 00:01 TO 23:58 ON 12/12/2024 (GBP/MWH)



### The UK: businesses living up to ambitious net zero targets

Historically, the UK has been at the forefront of the clean energy transition. It has been one of the first countries to establish a legally binding net zero target in 2019, and to create an independent body – the Climate Change Committee – with statutory authority to track the government's progress toward decarbonisation.

With the last coal-fired power plant closing its doors in October 2024 and renewables generating 51% of electricity in the same year, the country has made steady progress in reaching its targets.

In this rapidly changing energy landscape, UK businesses are playing a central role, investing at scale in renewable energy generation. Yet, the recent exacerbation in energy price volatility has caused concerns.

The graph above shows that on 12th December 2024, prices spiked from 87.08 GBP/MWh to 496.3 GBP/MWh in a matter of hours.

At the same time, instances of negative pricing are also increasing: 149 hours in 2024, compared to just 29 in 2022. This trend is expected to continue, with up to 1000 hours of negative pricing expected in 2027<sup>4</sup>.

This has led to a sharp increase in the uptake of battery energy storage systems (BESS), with wholesale BESS revenues rising by 42% in August 2024<sup>5</sup>. This is not surprising, as innovative BESS solutions, paired with real-time energy market insights, can provide a viable and cost-effective solution to the challenges of energy price volatility.

The many **successful installations** Wattstor carried out in the UK prove the business case for renewable and battery projects in the country, with our clients experiencing drastic energy cost reductions, decreased Scope 1 emissions, and improved energy resilience.

<sup>4</sup> <https://modoenergy.com/research/sep-24-negative-price-explainer-marginal-generators-subsidized-nuclear-rego-ro-cfd-contracts-for-difference>

<sup>5</sup> <https://modoenergy.com/research/gb-battery-energy-storage-revenues-benchmark-bess-index-august-2024>

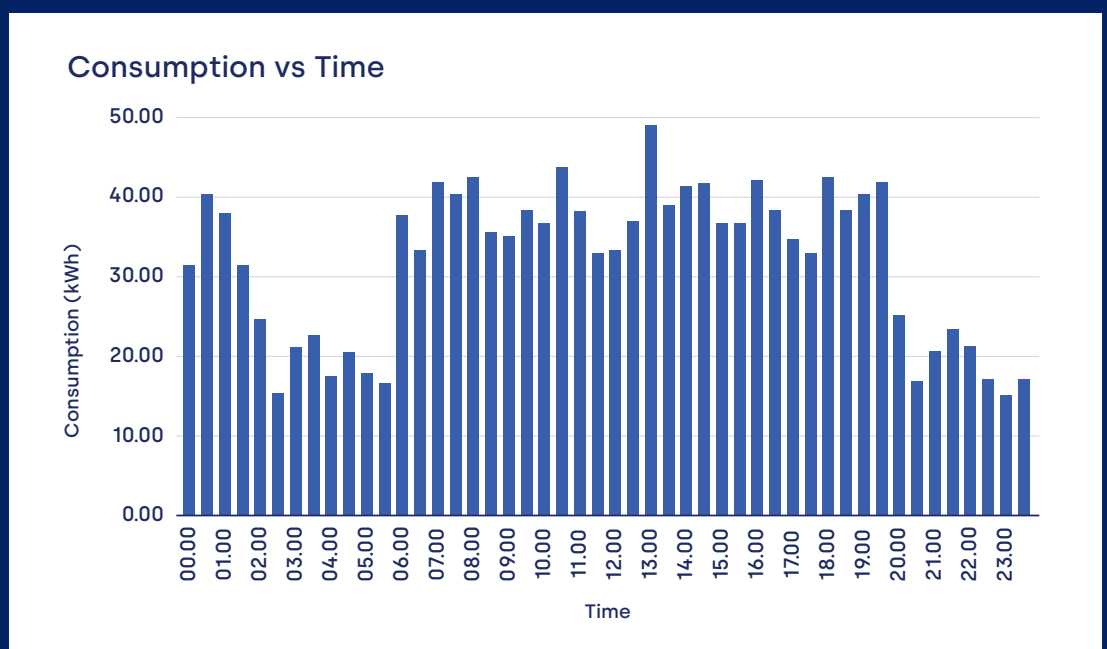


## Case Study

# HOW MUCH COULD YOU SAVE WITH WATTSTOR?

On 12th December 2024, energy price fluctuations in the UK reached record levels. In this context of heightened volatility, a mid-sized manufacturing site in the Midlands still needed to power its operations as per usual, with high electricity consumption during the day time, and lower consumption at night.

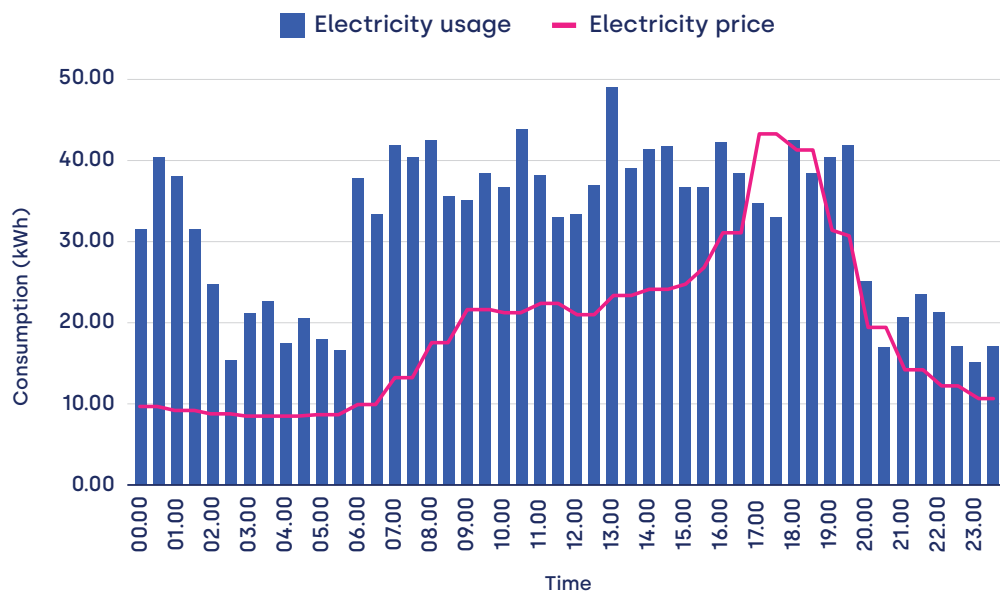
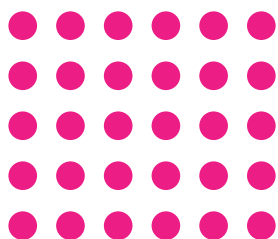
The energy consumption of the manufacturer looked like this:



*The graph represents the average daily electricity consumption of a typical mid-sized manufacturing site, showcasing increased consumption between 7 am and 7 pm, and reduced consumption at night time.*

If we overlay the site's electricity consumption with the fluctuations of energy prices, we immediately notice that the period of highest energy use coincides with a price spike – an unfortunate

coincidence for our manufacturer! As a result, the business owner would have had to pay **£515** for electricity on that day alone.



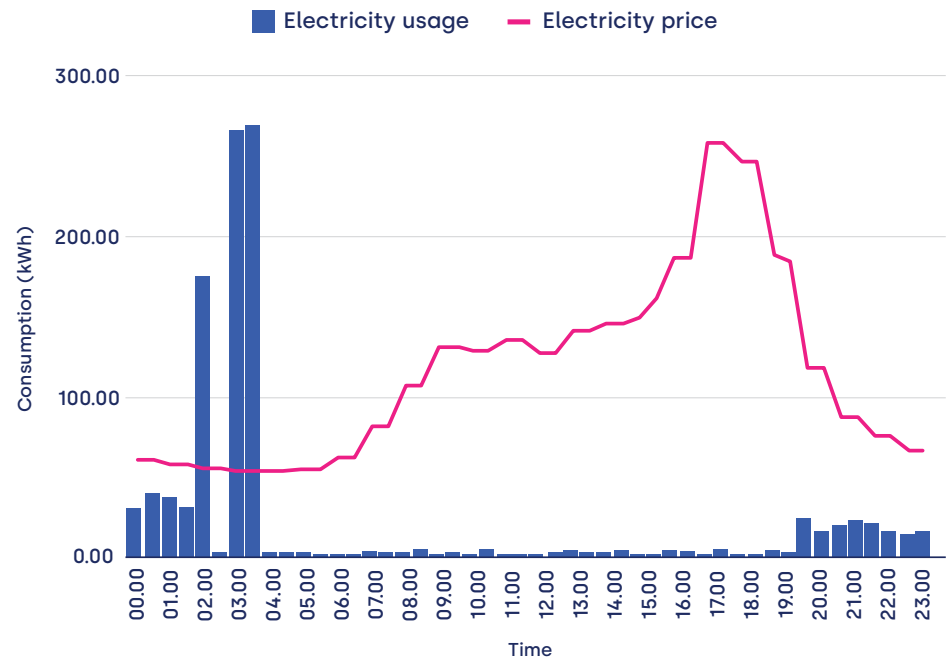
The red line represents the fluctuations of wholesale electricity prices during the day. It's easy to notice that prices increase during the evening, as consumers demand more power and renewables generate less electricity. This means that, if relying solely on the grid, our mid-sized manufacturer would need to pay more for the electricity needed to power its operations at that time.

Luckily, the business owner is already benefiting from Wattstor's onsite renewable energy systems, which combine onsite solar PV, battery storage, and our AI-based energy management system (EMS), Podium.

This means that the manufacturer's highest energy use happened when onsite generation and storage were going strong, allowing the site to use its own electricity to power operations – rather than expensive grid electricity.

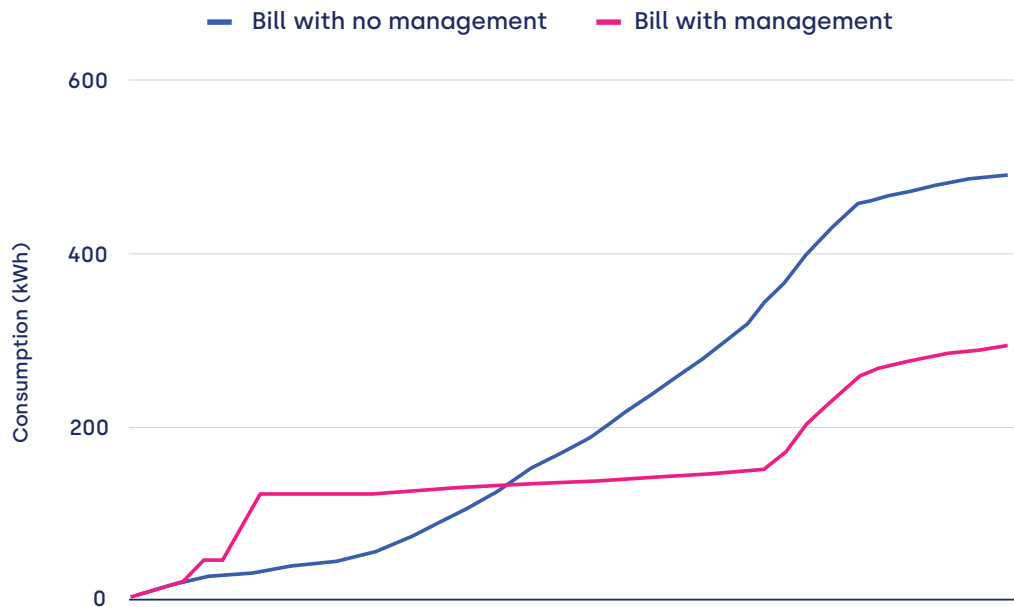
The result? A bill of **£310 instead of £515**.





The graph shows that the manufacturer's need for grid electricity has drastically dropped, as most of their energy needs are now covered by onsite renewables and storage assets. In this scenario, the manufacturer only needs minimal amounts of grid electricity when prices are highest.

On the other hand, the manufacturer is drawing lots of electricity from the grid during the night: this allows them to charge their battery storage when grid prices are lowest and onsite renewables are not actively generating power.



The graph shows that, with the right technology and insights in place, electricity bills stay low and consistent (red). On the other hand, with no management measures in place, bills will naturally tend to spike (blue).

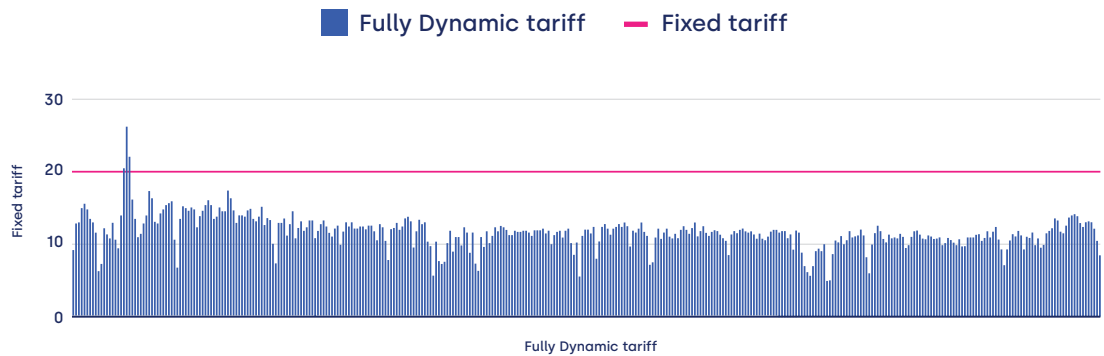


Now, let's consider the impact of the manufacturer's **energy tariff** on its electricity bill. The graph below shows the dynamics of a fixed versus a fully dynamic tariff. It's easy to see that, most of the time, the manufacturer would be better off on a fully dynamic tariff, paying less when wholesale electricity prices drop. However, there are instances where a sudden price spike means their bill would also suddenly rise. If instances of price spikes increase, the manufacturer will have

a problem. A fixed tariff can protect them from spikes, but doesn't allow them to benefit from price drops.

The solution? Wattstor has recently launched **Price Protect**, the only fully dynamic renewable tariff on the market, with a price cap. With Price Protect, the manufacturer will get the best of both worlds: they will **always pay less than the market price for their electricity, but never more than agreed**.

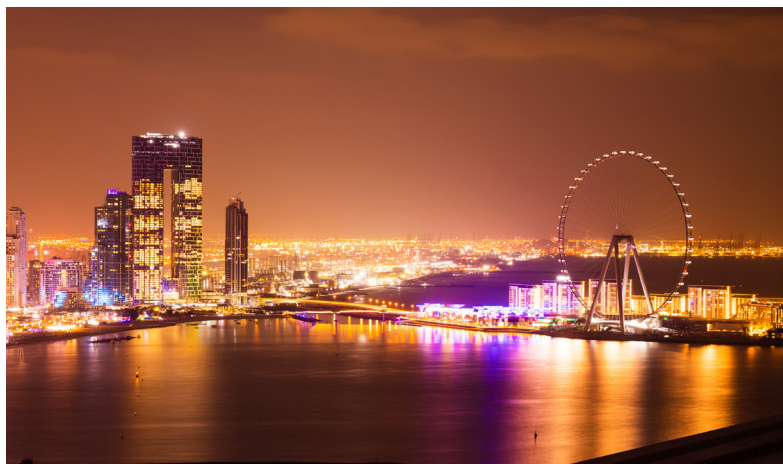
### Fixed tariff vs Fully Dynamic tariff



*In this example, a fixed tariff will protect the manufacturer in the one instance in which prices are spiking. However, they won't be able to benefit from lower wholesale prices for most of the time.*

*With a fully dynamic tariff, the manufacturer will benefit in most cases, but won't be shielded from higher energy costs when wholesale prices spike.*

*Price Protect offers the best of both worlds: protection from price spikes thanks to a price cap, and the chance to benefit from price drops thanks to the fully dynamic mechanism.*



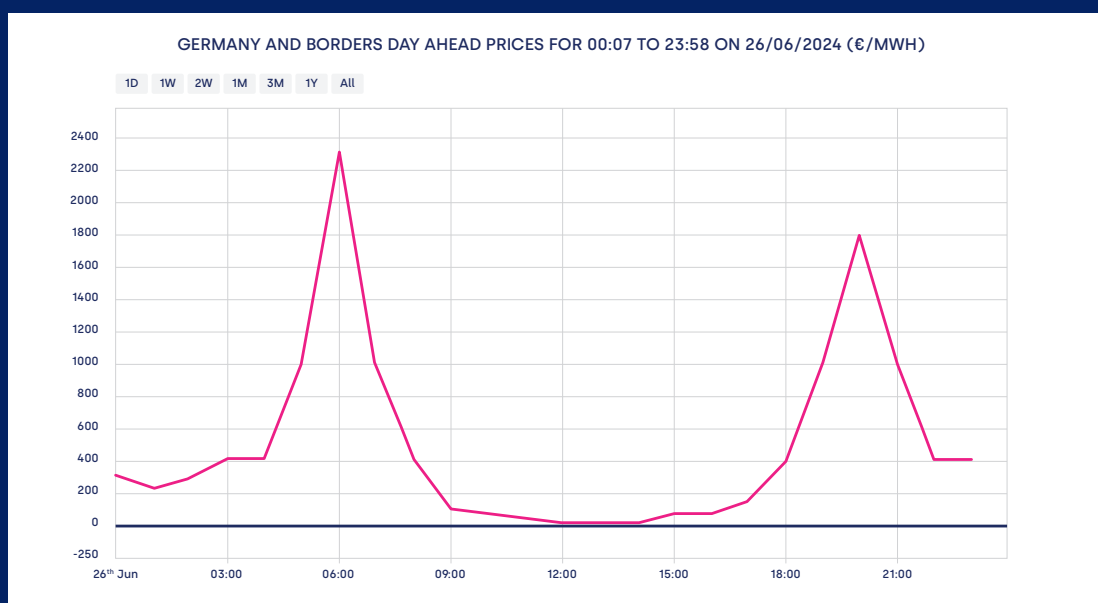
# GERMANY: THE PRESSING NEED FOR MORE FLEXIBILITY

Thanks to a strong push towards decarbonisation, 2024 was a record high for renewable generation in Germany. The total share of renewable net generation was around 58.6% in 2024, meaning electricity generation was lower in CO2 emissions than ever before<sup>6</sup>. At the same time, as a global manufacturing powerhouse, energy resilience and price stability are a top priority for Germany's economic growth – and this is where the country is experiencing challenges.

The graph below shows electricity price fluctuations on 26th June, 2024. It's easy to see that prices went from spiking at 6:00 am (2,325.83 EUR/MWh), to negative at 12:00 pm (-0.06 EUR/MWh). To put figures

in context, let's imagine the same thing happened to prices at a petrol station. A similar price fluctuation means that filling up your car at 6:00 am would have cost you about EUR 1,035, when you could have done it for free at 12:00 pm<sup>7</sup>.

It may sound unbelievable, but instances of wild price volatility are not an isolated occurrence – and negative prices are not rare, either. In fact, the country experienced 457 hours of negative pricing in 2024,<sup>8</sup> a figure expected to grow in the future. This phenomenon is known as 'renewable cannibalisation' and, while it allows businesses to make the most of free energy from the grid, it also impacts their ability to export excess energy and make the most of their renewable investment.



Source: <https://app.enappsys.com/#gb>

<sup>6</sup> <https://energy-charts.info/index.html?l=de&c=DE>

<sup>7</sup> This only considers wholesale electricity prices, without factoring in non-commodity costs.  
<sup>8</sup> [https://www.bundesnetzagentur.de/SharedDocs/Pressemitteilungen/DE/2025/20250103\\_smard.html](https://www.bundesnetzagentur.de/SharedDocs/Pressemitteilungen/DE/2025/20250103_smard.html), the Bundesnetzagentur is Germany's regulatory office for electricity and gas.

So, what to do? The need for energy resilience and price stability triggers the demand for an essential piece of the energy transition puzzle: **storage**. Unsurprisingly, battery storage is developing rapidly in Germany, though not quite as fast as required<sup>9</sup>.

The most recent revision of the Energiewirtschaftsgesetz (EnWG)<sup>10</sup> introduced significant changes to energy storage, with the goal of enhancing grid stability. However, this mainly impacts front-of-the-meter operations, goes against the major European trend of energy decentralisation, and is not technology-agnostic.

On the other hand, the European Commission's "Affordable Energy Action Plan", released on February 26, 2025, states that "more flexibility in the system, for example with storage [...] helps manage

demand and supply imbalances by encouraging customers to shift electricity consumption to times when electricity is more plentiful or demand is lower, and therefore when electricity is cheaper. This reduces price spikes and negative price episodes, reducing [...] volatility and contributing overall to lower and more stable electricity prices."<sup>11</sup>

The translation? For businesses keen to save on energy bills, boosting their own flexibility with energy storage is the way forward. However, to do so, they will have to take matters into their own hands.

Wattstor's bespoke BESS solutions, coupled with Podium AI's ability to monitor and predict energy trends, can help businesses generate, store, use and export electricity at the best possible times, minimising costs while ensuring the stability and competitiveness of business operations.



<sup>9</sup> <https://energy-charts.info/index.html?l=de&c=DE>

<sup>10</sup> The Energiewirtschaftsgesetz (EnWG) refers to the energy industry laws in Germany that govern grid-based electricity.

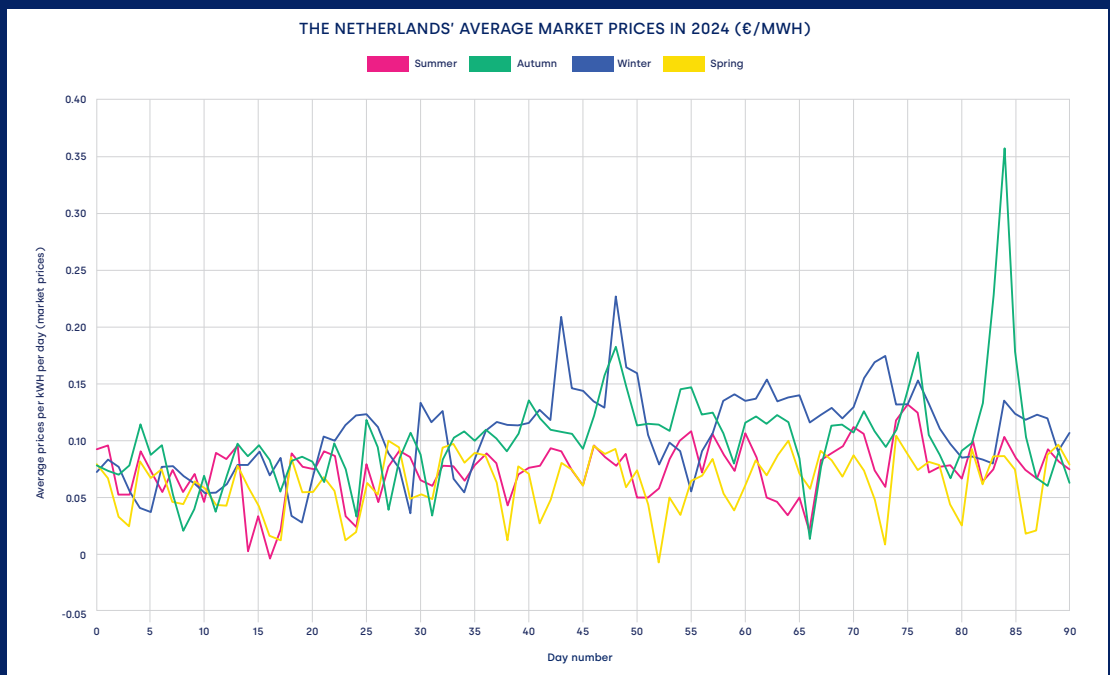
<sup>11</sup> [https://energy.ec.europa.eu/publications/action-plan-affordable-energy-unlocking-true-value-our-energy-union-secure-affordable-efficient-and\\_en](https://energy.ec.europa.eu/publications/action-plan-affordable-energy-unlocking-true-value-our-energy-union-secure-affordable-efficient-and_en)



# THE NETHERLANDS: GROWING BUSINESSES DESPITE GRID CHALLENGES

Thanks to its location near the North Sea and the vast adoption of offshore wind, the Netherlands enjoy one of the highest percentages of renewable energy on its grid. This is certainly good news for its decarbonisation efforts. Although, challenges remain with regard to grid congestion, price fluctuations and power availability.

During periods of low generation, gas has to be used to generate electricity – leading to price spikes that are especially concerning for margin-sensitive businesses. The graph below shows energy price trends during 2024. It is easy to see that, despite being relatively stable for the rest of the year, prices spiked in autumn, when output from renewables was low.



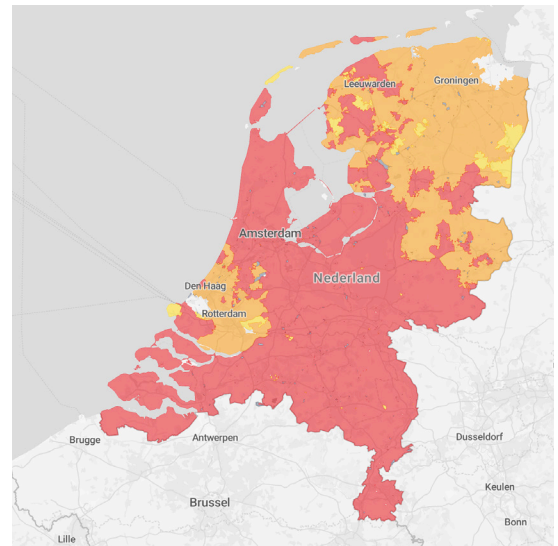
The above data is based on data from the last 12 months. The average market price per kWh per day per season. For example, the day number is day 10 of the summer, starting on day number 172 of the year.

Source: <https://jeroen.nl/dynamische-energie/prijzen>

Transport capacity is also an issue. The map below shows areas with transport capacity shortages, exposing the extent of the problem. Transport challenges also mean that businesses generating excess renewable energy cannot export it.

**So, how can organisations grow their business when prices are unpredictable and capacity is scarce?**

Onsite renewables and effective energy storage options offer a practical and cost-effective solution. BESS solutions can help address both price volatility and grid congestion, giving businesses an extra gear to expand their operations while remaining sustainable. In particular, **Wattstor's DC-coupled battery systems** can help when grid constraints impose limits on the size of businesses' renewable projects.



Source: <https://capaciteitskaart.netbeheernederland.nl/>

*White: Transport capacity available without queuing*

*Yellow: Limited capacity available without queuing*

*Orange: Area is under investigation with queue*

*Red: Shortage of transport capacity with queue*



# THE CZECH REPUBLIC: SUPPORTING BUSINESSES AND THE GRID IN THE NET ZERO TRANSITION

Due to a high reliance on coal, nuclear and hydropower, the Czech Republic has traditionally enjoyed relatively stable energy prices. However, pressures from the European Union to decarbonise its power system and meet ambitious CO2 reduction targets mean that the country is trying to increase its renewable penetration and decrease coal production.

This is mainly being achieved through new renewable domestic generation.

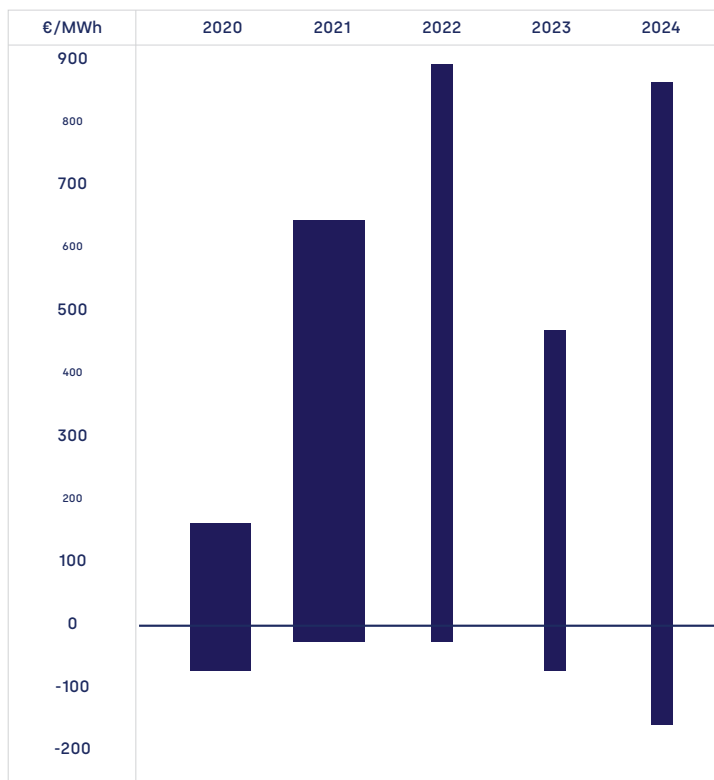
The result is that the traditional stability of Czech energy prices is starting to decline. The table below shows how price fluctuations have impacted the country in the past four years. It's clear that volatility is not only present, but massively increasing, and that instances of negative prices are becoming more frequent.

THE CZECH REPUBLIC'S MAXIMUM AND MINIMUM AVERAGE PRICES FROM 2020 TO 2024 (€/MWh)

	2020	2021	2022	2023	2024
Maximum price	125.1	620	871	444.02	844.63
Minimum price	-65	-36.26	-22.45	-68.54	-138.75
Annual spread	190.1	656.26	893.45	512.56	983.38



THE CZECH REPUBLIC'S AVERAGE PRICES FROM 2020 TO 2024 (€/MWh)



The higher penetration of renewables brings another concern for the country: grid congestion. While the national grid is currently in a good position to accommodate new connections and allow for the expansion of renewable energy projects, this will likely become harder in the future.

Legislation and public feeling have, until recently, delayed the expansion of renewables – but this is about to change. The country is committed to phasing out coal by 2033, and solar PV is becoming increasingly popular, both in residential and industrial applications.

There is a huge potential for renewable energy systems, with good climate conditions and funding coming from the EU. However, to keep price volatility at bay and really reap the benefits of these systems, companies will need to couple their renewable assets with battery storage and a powerful energy management system.

Standalone batteries are already used for ancillary services such as frequency or power regulation and energy trading. Expanding the use of BESS solutions among industrial & commercial organisations would be a great step in the right direction, allowing companies to make the most of the net zero race, while supporting the grid in this period of transition.

Wattstor has already completed a number of successful installations in the Czech Republic and other Central and Eastern European countries, and is committed to supporting the region with a strong onsite team with deep knowledge of the local markets and legislations. If you're curious to find out more about the changing energy landscape in the Czech Republic, read our Q&A with Head of Sales, Europe, Patrik Pinkoš on [how businesses can stay ahead of price volatility](#) in the region.

# PRICE VOLATILITY: HOW WILL IT IMPACT MY BUSINESS?

## Why is energy price volatility a risk for my company?

Price volatility is something that electricity suppliers have been managing for many years. When an electricity supplier offers their customer a fixed rate, they need to factor in an extra amount to cater for price volatility. The higher the volatility, the higher this markup will be. It is not just the wholesale electricity price that drives retail prices up: fluctuations in the market also cause spikes.

This can mean that if a business is on a flexible tariff, their energy bills might suddenly increase. For margin-sensitive organisations, a sudden spike in energy bills can mean the difference between thriving and closing their doors.

On the other hand, if businesses are on a fixed tariff, they might be protected from price spikes, but they will not benefit when prices drop – for example, when they reach zero or go negative.

## What if another scenario like the Russia-Ukraine war happens? How will instability impact my business?

Although another scenario like the Russia-Ukraine war is unlikely, there are always chances that there will be a squeeze in the supply of electricity or the supply of the fuels that generate electricity, such as natural gas.

For example, Russian gas is now replaced by Liquefied Natural Gas (LNG) that is

shipped across the globe on carrier ships. So, a very cold winter in the Far East might drive LNG supply away from Europe and the UK, driving power prices up. Customers on a fixed price tariff will be shielded from any change for the duration of their fixed price contract. However, after the end of this period, they will be once again exposed to high prices.

## What about negative pricing? How could that impact my business?

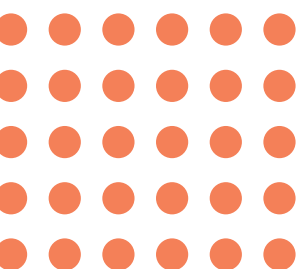
Negative pricing is both a risk and an opportunity. Negative prices increase the market volatility, and increased market volatility leads to increased electricity retail prices.

However, a customer with the **right tariff** and the **right technology** will be able to take advantage of negative prices, to the point of being paid to consume electricity.

## I have already invested in onsite renewables. Does negative pricing mean my renewable energy investment will be pointless in the future?

Not necessarily. A smart, controllable renewable energy system will actually take advantage of negative prices, and this will increase their return on investment (ROI).

Old-fashioned renewable systems that don't have a way to be controlled (for example, through BESS and a smart EMS) will be penalised by negative prices and their ROI timeframe will be longer.



### What's the connection between price volatility and CO2 emissions?

Wholesale electricity prices are impacted by the price of carbon emission certificates. So, electricity produced from coal power plants is not more expensive just because of the price of coal. Energy traders also need to add the cost of the carbon certificates they need to buy.

For example, at lunchtime in the summer, most of our electricity will be produced by renewable sources because there is an abundance of sunshine. As a result, there will be very low carbon costs. However, after the sun sets, thermal power plants will need to operate. This will lead to price volatility, partially because of the higher carbon costs.

### How can I hedge against energy price volatility?

The only way to protect your business from price volatility is through a smart energy

system that makes the most of price fluctuations. By pairing onsite renewables with battery storage and a smart energy management system (EMS) like Podium, you can automatically monitor the energy markets in real-time, predict energy trends, and make the best energy decisions based on that – all without human intervention.

For example, Podium can decide to store energy from the grid into your battery when prices are zero or negative, so you can get energy for free and use it for your operations, or export it back to the grid when prices are high and capitalise on it.

### What's the best electricity tariff to benefit from volatility? Fixed or flexible?

Flexible, but with a price cap. This gives you the chance to capitalise on price dips, while still protecting you from price spikes.



# BUILDING A HOLISTIC ENERGY MANAGEMENT SYSTEM

There is no silver-bullet solution to energy price volatility. Instead, I&C organisations need a combination of different elements working seamlessly together to tackle the energy price yo-yo and turn it into a business opportunity. These include:

- **Bringing renewables closer to the point of consumption:** decentralisation is key to the clean energy transition. Relying on many decentralised generators, rather than just a few big ones, helps boost energy resilience and security, on top of cutting the costs and emissions of energy transport. Businesses can contribute to the move towards decentralisation by generating, storing and consuming their own electricity onsite, ensuring a steady and reliable supply of renewable energy for their operations. Find more information on [how to start your journey to onsite generation](#) with Wattstor's guide on fully funded energy systems.
- **Flexible, bespoke energy storage:** A battery energy storage system is the controllable asset of your renewable energy system. Without it, it is not possible to control the energy output of your renewable assets, since we have no control over when the sun is shining or the wind is blowing. A battery gives us the ability to store excess renewable energy and use it for self-consumption, or to generate extra revenue by exporting energy to the grid at the most convenient time.
- **Visibility into current and future energy market trends:** The ability to forecast the price of wholesale electricity at specific times of the day is crucial to make the best energy decisions for a business site, for example, to determine the best times to export excess energy to the grid. This is where a smart, AI-based EMS like Wattstor's Podium comes into play. By monitoring the energy market in real time, a smart EMS can provide crucial insights on price fluctuations, as well as predict future trends to allow businesses to stay ahead of the volatility game.
- **Smart energy management:** It is not enough to know what is happening on the wholesale energy market. We also need to use this information to support decision-making on site based on a business's energy needs. For example, a logistics centre will likely experience a peak in demand in the evening when EVs return to the centre to charge. Knowing this, a smart EMS can automatically decide to use previously stored electricity to help the site cope with this peak in demand, or can decide to draw electricity from the grid if prices are low or negative.
- **A dynamic but risk-free energy tariff:** With price volatility increasing, it can be difficult to choose between a fixed tariff that shields businesses from spikes, and a dynamic one that helps them capitalise on price dips. But why choose? A dynamic tariff with a price cap offers the best of both worlds.



## How Wattstor helps

From the only flexi-capped tariff on the market to fully funded onsite energy systems, Wattstor offers everything you need to turn price volatility into a strategic opportunity:



**Fully funded energy systems:** An onsite energy system is a no-brainer for businesses keen to reduce their energy costs while meeting sustainability goals. But a lack of resources and know-how can prevent companies from turning this vision into reality. With Wattstor's fully funded energy systems, this is no longer a concern. We design, build, pay for, operate and optimise a bespoke renewable onsite energy system, and sell you the electricity it generates at a lower cost per kWh than electricity from the grid.



**Bespoke BESS:** We provide tailored energy storage solutions, designed, installed and continuously optimised with your energy needs in mind.



**Podium:** The brain behind all our energy solutions, Podium is our powerful AI-based EMS. Considering a multitude of data such as market prices and forecasts, site energy demand, generation and storage capacity and more, Podium manages your entire energy ecosystem to maximise efficiency and minimise costs. Think of it as your very own onsite energy manager, working 24/7 to help you make the most of price volatility.



**Price Protect:** The renewable energy tariff for companies that think outside the grid. This is a fully dynamic flexible tariff, but with a price cap – so you can profit from price dips while protecting your business from price surges. A win-win!



# CONCLUSIONS: LOOKING AT THE FUTURE

With a decentralised power system and more renewables than ever entering the grid, the era of stable, predictable electricity prices has come to an end. However, that doesn't mean businesses need to suffer.

With the right technology, market insights and tariff in place, organisations can benefit from energy price volatility and turn it from a threat into a business asset. Countless organisations have already relied on Wattstor to **achieve just that** – reporting drastically reduced electricity costs, less carbon emissions, and increased energy resilience.

The solutions outlined in this white paper empower organisations to capitalise on price dips, shield themselves from price surges, and even generate revenue by strategically exporting renewable electricity to the grid. This proactive approach strengthens businesses' bottom lines, while allowing them to participate in the net zero revolution and support the energy grid in this period of transition.

Our experience demonstrates that thinking outside the grid is not just a slogan: it's the best pathway to a more sustainable and profitable future. The time to act is now. Play ahead of the price volatility game, and secure a competitive edge in the rapidly evolving energy landscape with Wattstor.



## About Wattstor

**"It is our vision to empower every business and community to actively participate in the green energy transition and financially benefit from it."**

Wattstor is a next-generation energy company providing complete onsite renewable energy solutions. We believe clean, affordable energy is a business essential, and are committed to removing all obstacles to the clean energy transition.

Our fully funded energy systems help make net zero a reality for I&C organisations in all sectors – with no upfront costs and guaranteed lower-than-grid electricity prices.

From industry-leading consultancy, to unique tariffs, state-of-the-art solar + BESS, and a powerful AI-based EMS, Wattstor is the one-stop specialist for organisations eager to fast forward their net zero ambitions.



**Stephan Marty,**  
Wattstor CEO

## Are you ready to think outside the grid? Get in touch.

Get in touch

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