

# **Will outdoor power supply prices decrease in the future**





## Overview

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In our January Short-Term Energy Outlook (STEO), we expect that U.S. wholesale power prices will average slightly higher in 2025 in most U.S. regions than last year, except in Texas and in the Northwest. What happens if power supply exceeds demand?

Second, in current market circumstances, if power supply exceeds demand, power prices could decrease significantly, which would amplify the variations in prices over time in day-ahead markets—prices are low during moments of oversupply and high during moments of undersupply.

Will wholesale power prices go up in 2025?

In our January Short-Term Energy Outlook (STEO), we expect that U.S. wholesale power prices will average slightly higher in 2025 in most U.S. regions than last year, except in Texas and in the Northwest. We forecast that the 11 wholesale prices we track in STEO will average \$40 per megawatthour (MWh) in 2025 (weighted by demand), up 7% from 2024.

Will electricity prices go up in 2025?

Electricity prices in the U.S. are projected to continue their upward trend through 2025 and into 2026, driven by increasing demand, fuel costs and infrastructure investments. Here's an overview of the forecasts for these years: 2025: The average residential electricity price is projected to be approximately 17.0 cents per kilowatt-hour (kWh).

How will retail electricity prices change in 2024?

Changes in the costs of supplying electricity can take time to affect retail electricity prices because retail rates are reviewed and approved by utility regulators in many areas of the country. We expect U.S. retail electricity prices for residential customers will average 16.8 cents per kilowatthour, which would be 2% more than in 2024.

How will natural gas affect wholesale electricity rates?



As natural gas remains a key fuel source for power generation, its price recovery is pushing wholesale electricity rates higher in many regions. At the same time, the continued expansion of renewable energy—especially solar and wind—is helping to moderate these increases.

How much value does oversupply of electricity create?

Our analysis shows that both offtakers and producers can create significant value by using this oversupply of electricity: €7 billion to €14 billion annually in the European Union, based on 700 terawatt hours (TWh) of oversupply of electricity, and a margin between €10 and €20 per megawatt hour (€/MWh) after deducting the cost of production.



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### **New Electricity Price Forecasts - Now Available for 2024 in Every ...**

We are excited to announce our revamped off-the-shelf electricity market price forecasts, available for every North American market. These fundamental forecasts ...

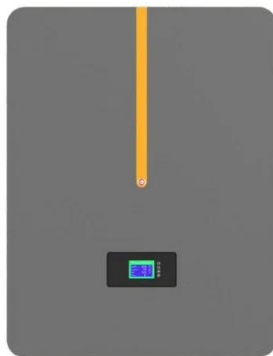
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These five charts unpack the trends and cost drivers shaping today's electricity prices--and what these trends mean for households and related policies.

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**EIA expects higher wholesale U.S. natural gas prices as demand**

The largest decrease in natural gas demand in our forecast comes from electric power generation. The decline in consumption in this sector in 2025 and in 2026 is driven by ...

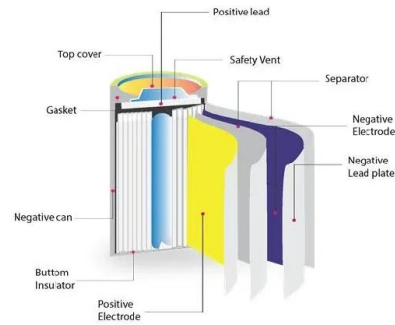
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## Unveiling the Forecast: Will electricity prices go down in 2023

Understanding the wholesale power prices in the US is crucial in analyzing the potential for electricity prices to go down in 2023. Wholesale prices are determined by various ...

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## [What will electricity pricing look like in 2040?](#)

Rising renewables penetrations are increasing the need for utilities to alter rate designs. More dynamic pricing can signal customers when bill savings are possible for shifting ...

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The power grid is inadequate to support the increasing electricity demand. Yet, companies continue building more AI data centers, and extreme weather patterns continue ...

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## U.S. Projected electricity end-use prices 2022-2050, Statista

In 2022, the average end-use electricity price in the United States stood at around 12.2 U.S. cents per kilowatt-hour. This figure is projected to decrease in the coming three ...

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## [Texas Electricity Rate Trends & Price Forecast for 2025](#)

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Research indicates a combination of positive and negative forecasts about future price trends for the next three years. The future electric power market will either normalize ...

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