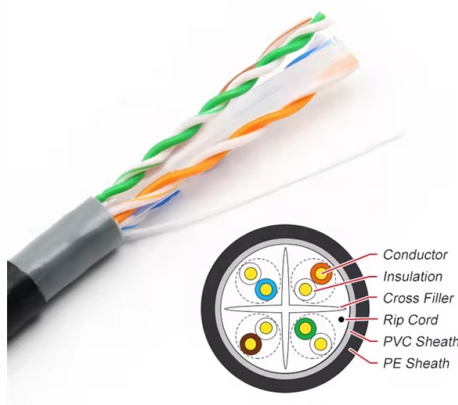


Finland Export Communication Site Energy Smart CIF Price



Overview

Finland 180 assessments published for Finland — organized into energy commodity price assessments, freight and insurance costs, market.

Key Takeaways

Finland's electricity market is highly dynamic, with exports, smart energy solutions, and market-based CIF pricing influenced by renewable capacity, nuclear output, and day-ahead market fluctuations. Electricity Exports and Market Communication

Finland actively exports electricity, with monthly statistics on production, imports, and exports published by Finnish Energy. These statistics include fuel usage, CO2 emissions, and historical time series, allowing market participants to track trends and plan exports effectively. Fingrid, the national transmission system operator, provides open access to electricity market data, ensuring transparency and timely information for market actors. This includes day-ahead prices, interconnector availability, and system balancing data.

Smart Energy and Market Pricing



Finland's energy system integrates smart energy solutions, including flexible demand management and renewable generation. The market is highly volatile due to weather-dependent renewables, nuclear maintenance schedules, and interconnector constraints . Day-ahead prices are determined using a marginal clearing method, where supply and demand curves intersect, reflecting real-time market conditions . Smart energy systems can optimize consumption and trading based on these price signals.

CIF Pricing and Market Contracts

The Cost, Insurance, and Freight (CIF) price for electricity in Finland is influenced by the Euronext electricity exchange. Market Price Electricity contracts, such as those offered by Helen, include a fixed basic price and a variable energy price based on the average closing prices of monthly Euronext products . These contracts allow buyers to benefit from lower price periods while including VAT and margins. CIF pricing for exports would similarly reflect market prices, transmission costs, and insurance for delivery to the importing country.

Energy Price Statistics

Statistics Finland provides quarterly data on energy prices, taxes, and related payments, which can be accessed via the StatFin database . This data is essential for calculating CIF prices, evaluating market trends, and planning energy exports.

Key Considerations

- **Volatility:** Finland's electricity market is among Europe's most volatile, with frequent negative and high day-ahead prices .
- **Renewable Integration:** Wind and solar capacity are growing, affecting supply patterns and export potential .
- **Market Transparency:** Fingrid and Finnish Energy provide open data for informed trading and smart energy management .
- **Contract Flexibility:** Market Price Electricity contracts allow adaptation to fluctuating prices, which is critical for CIF-based export pricing . By leveraging these data sources and smart energy tools, exporters can optimize pricing, manage risk, and align with Finland's dynamic electricity market.

Article Content

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Finland — Price Assessments

Price Assessments for Finland in the Energy Prices & Markets report, each linking to its full definition on the Finland country guide.

Electricity spot price in Finland today

Most Finnish households have an electricity plan that is closely linked to the current spot price, as displayed on this

Open data

Electricity market participants need sufficiently and timely information for the market to function efficiently. As the transmission

ENERGY PRICES & MARKETS IN FINLAND APRIL 2025

This section examines the key trade partners involved in Finland energy imports and exports, focusing on major commodity

Energy prices | Statistics Finland

The statistics on energy prices describe energy prices, energy taxes and tax-like payments. The data are collected from different

Fees

Pricing for imbalance energy in accordance with an agreed model.

Values of energy imports and exports decreased in 2024

In 2024, the main import countries for energy products examined by value were Norway, Sweden and the USA. The

Fingrid Open Data

Open data platform provides machine readable access to datasets through open REST API interface. Find out more information

Open data

We provide information on the electricity market openly and free of charge. Electricity market participants need sufficiently and timely

Finland

To attract investment, Finland is creating test platforms (smart networks, renewable energy, energy efficiency,

National Report on electricity and gas markets in Finland

Foreword Energy crisis started in autumn 2021 calmed down in 2023. Increased wind power generation capacity and the new

Electricity price comparison

When comparing electricity prices, you can compare the electricity contract products of different electricity suppliers based on the

Monthly Electricity Statistics

The Finnish Energy publishes monthly statistics on electricity, which contains preliminary

Materials Project

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CIF

In most cases goods are insured with widest possible terms. The insured value is at least the CIF-value + 10 %. The

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3-034bis), Skills (01). For the cases in which hydrogen measure is identified in one of the following intervention fields (i.e. 029 -

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Production 9 741 MW Electricity price in Finland 5,08 €/MWh Share of non-fossil electricity generation

Energy Performance of Buildings Directive

The directive sets out a range of measures to help boost the energy efficiency of buildings across Europe.

Electricity market

The price of electric energy is determined in the wholesale market, and the retail market operates between the electricity suppliers

Evaluation of Nordic Electricity Retail Markets

As Finland has traditionally had a high share of fixed-price contracts, the energy crisis had a twofold impact on end-customers in the

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Electricity Market Analysis in Finland | Intratec

Updated monthly, the report provides price assessments and market analyses for Electricity, encompassing generation

Electricity market

The most market favourable transmission company. We offer all market participants a unified bidding area Finland and the benefits of

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Finland is a world leader in smart grid technology due to the early adoption of related technologies such as household specific,

Datasets

Filters The results and filter options update automatically according to the chosen filters

Statistics Finland

Energy Statistics concerning the production, consumption, imports, exports and prices of energy, and investments in

Expana

Mobile access Manage market volatility and expenses by staying up to date with current prices, cost models, and price change

National Report on electricity and gas markets in Finland

It contains a description of the powers and tasks of the Energy Authority as a national regulatory authority, an overview of the

Smart energy solutions in Finland | Innovation News Network

Business Finland outlines the importance of smart energy solutions and details the testing platforms that have been

Energy | Statistics Finland

Statistics under the topic Consumer price index Energy accounts Energy consumption in households Energy

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