Fastmarkets Dashboard Release Notes

30th September 2024

![Fastmarkets logo]

What's New?

New Features

This release of the Fastmarkets Platform includes new functionality and features including:

- **New** - **Energy Storage Systems Outlook** available in the Dashboard Newsletters & Reports
- **New** - **Battery Raw Materials Fundamentals - Batter Cost Index charts** available as a prebuild Market Page
- **New** - **Battery Raw Materials Fundamentals - Gigafactory Capacity Database** available as a prebuild Market Page
- **New** – **Month-to-date averages (MTD AVGs)** for Fastmarket prices now available in the Dashboard
- **Improvement** – Exporting from Dashboard widgets by **sorted order** of **'assessment date'** now available

Energy Storage Systems Outlook

Fastmarkets Energy Storage Systems Outlook is a quarterly publication that focuses on battery energy storage, covers renewable energy demand, supply chain insights, market fundamentals as well as cell cost and chemistry. It includes 10-year renewable energy demand and chemistry forecasts and analysis, as well as insights into the ESS (Energy Storage System) market.

How to access

Energy Storage System Outlook can be found in the Newsletters & Reports module under Forecasts > Long-term section.
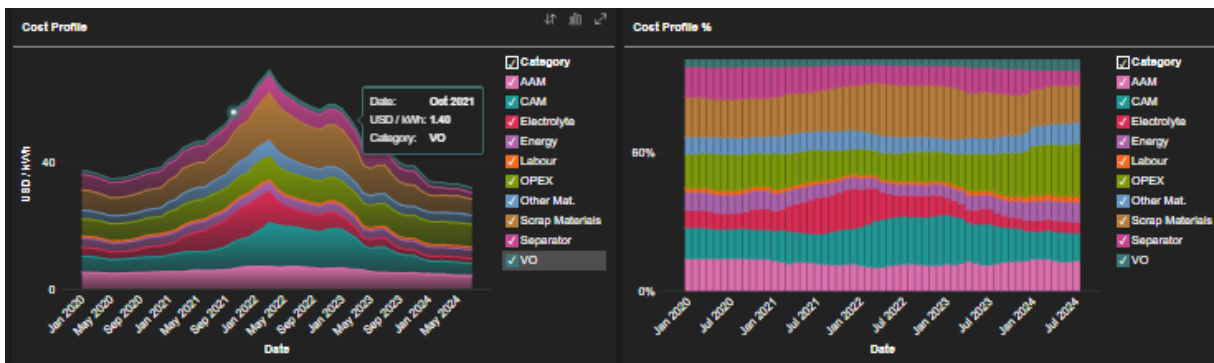
Battery Raw Materials Fundamentals - Battery Cost Index charts

The Battery Cost Index Charts are an interactive, online version of the graphs published monthly in the Battery Cost Index (BCI).
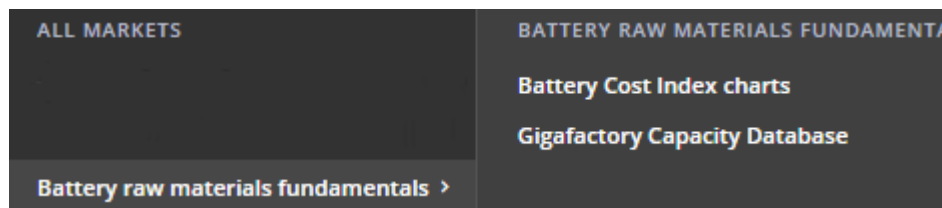
These visualisations are updated monthly following each BCI publication and provide the ability to compare the costs of different Li-ion cells and illustrates the impact of upstream raw material spot prices, as assessed by Fastmarkets, on downstream cell costs.

The charts track the cost of 10 state-of-the-art cells, including cells from Tesla, BYD, CATL, SDI, and LG. Additionally, the price structures of various cathode and anode active materials are also presented, providing transparency into the domestic battery supply chain in China.

How to access

With your subscription, you can access the Battery Cost Index charts through the Market Page under the Battery Raw Materials Fundamentals option.

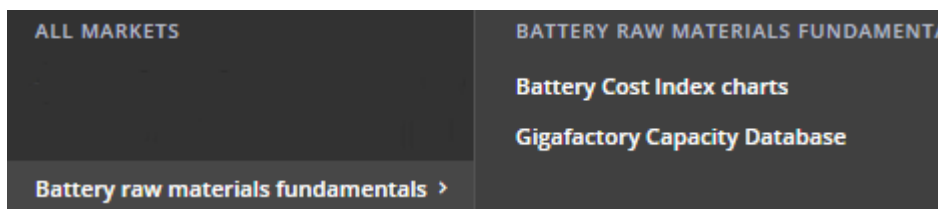# Battery Raw Materials Fundamentals - Gigafactory Capacity Database

The Gigafactory Capacity Database updates quarterly, displaying capacity for globally announced and operational gigafactory plants. These plants are manufacturing cells whose end use will be in battery packs for EV's (Electic Vehicles) or Energy Storage Systems.

You can customise the display by geography, cell chemistry, top companies or plant status. The display is in both charts, tables and maps.

How to access

With your subscription, you can access the Gigafactory Capacity Database through the Market Page under the Battery Raw Materials Fundamentals option.

Month-to-date averages now available the Dashboard

With this release Fastmarkets has introducing Month-to-date Averages (MTD AVGs) in the Fastmarkets Dashboard.

Important Note

It's important to highlight that (1) monthly average price values and the (2) month to date average price values in the Fastmarkets Dashboard are not the same.

- Monthly averages are calculated and published as an **official monthly average** as per the [Fastmarkets Methodology](), and used by Fastmarkets customers in their contracts.
- Month to date averages are auto-calculated by the platform, dividing the sum of all price assessments, by the number of assessments that have been published within a calendar month **at the time of the user accessing the platform.**

Which prices markets will have MTD AVGs?

- MTD AVGs are only available for price markets that are assessed more frequently than monthly (e.g. daily, weekly); and for which Fastmarkets does publish monthly averages.
- MTD AVGs will be available after the publication of the first price assessment in that calendar month. The MTD AVG value will recalculate and update after each price assessment.
- MTD AVGs will be available until a monthly average is officially published for a price market. Once a monthly average value is available, it will overwrite the last MTD AVG.

Note: If the price you've added to a widget doesn't meet the above criteria, month to date averages for this price will NOT be shown on the Dashboard.
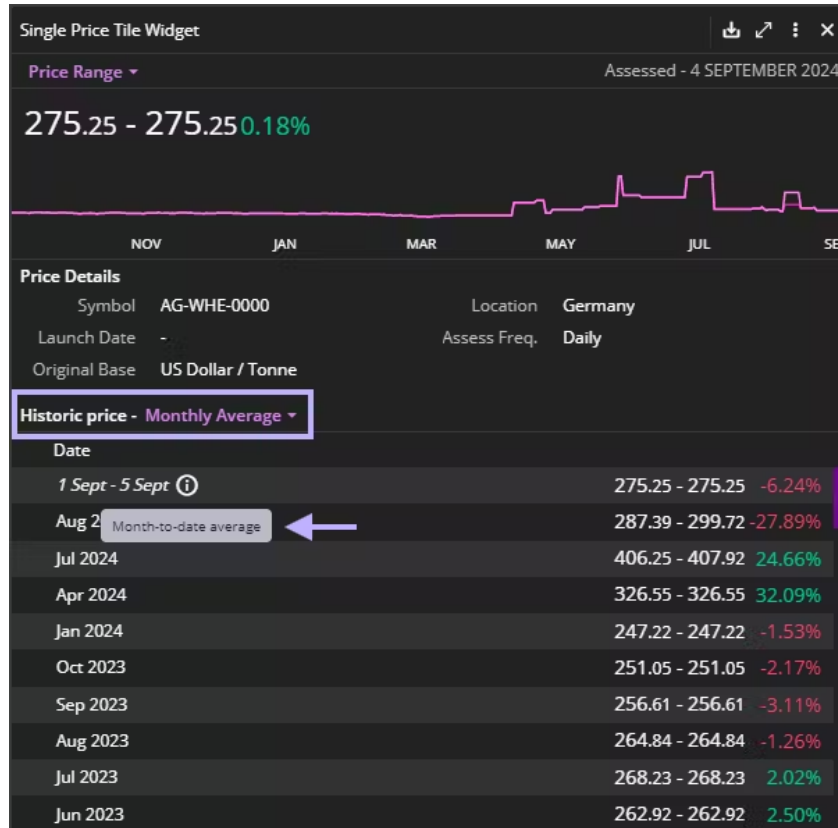
Where to find the MTD AVGs in the Fastmarkets Dashboard?

Month to date averages will be available through the following Dashboard widgets: Single Price Tile, Multi Price Table and Historic Price Table.

Here is an overview of each of the widget types to demonstrate what to expect.
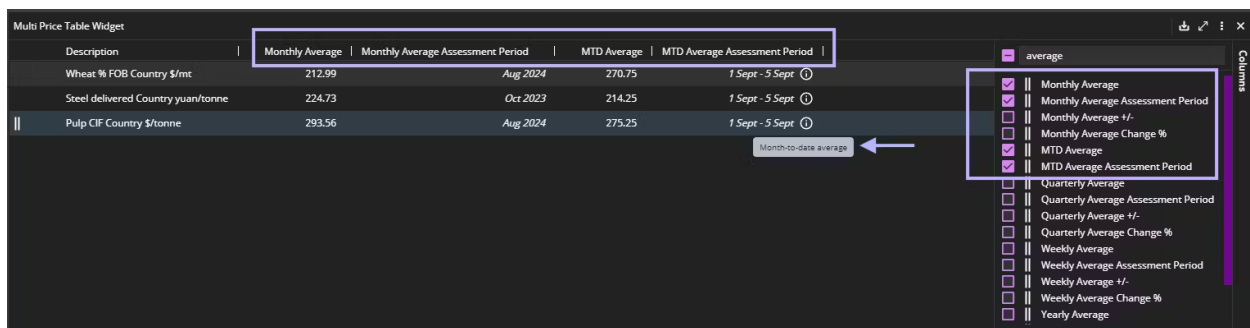
Single Price Tile Widget

You are able to switch from "Actual" to "Monthly Average" next to the Historic price drop down selector as shown below.

Single Price Tile Widget		
Price Range ▾		Assessed - 4 SEPTEMBER 2024

275.25 - 275.25 0.18%

| | NOV | JAN | MAR | MAY | JUL | SEP |

Price Details

Symbol	AG-WHE-0000	Location	Germany
Launch Date	-	Assess Freq.	Daily
Original Base	US Dollar / Tonne		

Historic price - Monthly Average ▾

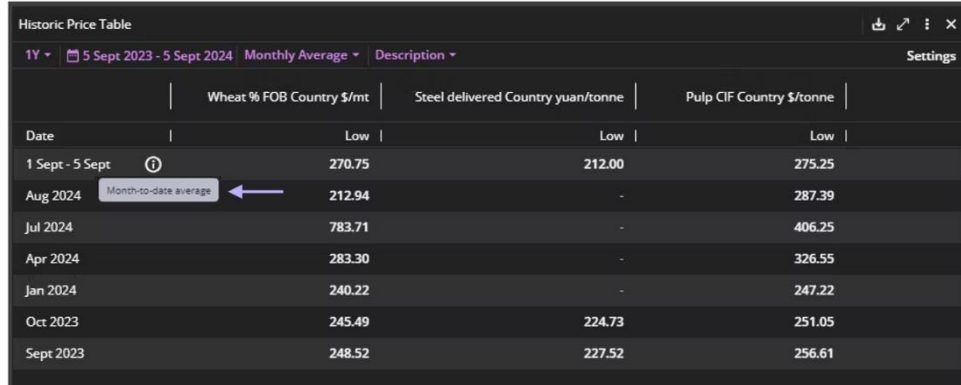| Date		
1 Sept - 5 Sept ⓘ	275.25 - 275.25	-6.24%
Aug 2[Month-to-date average]	287.39 - 299.72	-27.89%
Jul 2024	406.25 - 407.92	24.66%
Apr 2024	326.55 - 326.55	32.09%
Jan 2024	247.22 - 247.22	-1.53%
Oct 2023	251.05 - 251.05	-2.17%
Sep 2023	256.61 - 256.61	-3.11%
Aug 2023	264.84 - 264.84	-1.26%
Jul 2023	268.23 - 268.23	2.02%
Jun 2023	262.92 - 262.92	2.50%

Multi Price Table Widget

In this widget, you can enable/disable the MTD AVG column under the column's settings. As noted above, the MTD AVGs and the monthly averages are not the same calculation.
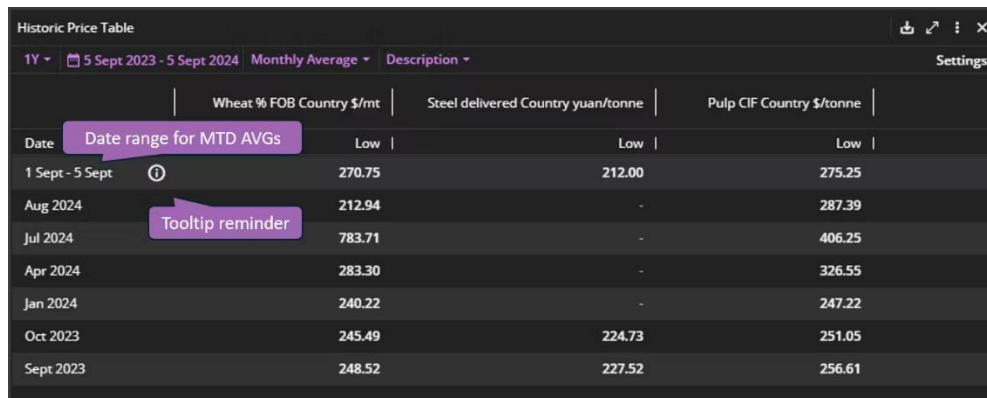
Multi Price Table Widget					average
Description	Monthly Average	Monthly Average Assessment Period	MTD Average	MTD Average Assessment Period	☑ Monthly Average
Wheat % FOB Country $/mt	212.99	Aug 2024	270.75	1 Sept - 5 Sept ⓘ	☑ Monthly Average Assessment Period
Steel delivered Country yuan/tonne	224.73	Oct 2023	214.25	1 Sept - 5 Sept ⓘ	☐ Monthly Average +/-
Pulp CIF Country $/tonne	293.56	Aug 2024	275.25	1 Sept - 5 Sept ⓘ	☐ Monthly Average Change %
				[Month-to-date average]	☑ MTD Average
					☑ MTD Average Assessment Period
					☐ Quarterly Average
					☐ Quarterly Average Assessment Period
					☐ Quarterly Average +/-
					☐ Quarterly Average Change %
					☐ Weekly Average
					☐ Weekly Average Assessment Period
					☐ Weekly Average +/-
					☐ Weekly Average Change %
					☐ Yearly Average

Historic Price Table Widget

Make sure to switch from "Actual" to "Monthly Average" under the assessment type drop-down selector at the top of the widget.

There are visual cues to help distinguish a month to date average value such as: date range under the date column + tooltip reminder, see highlighted areas below.

Advanced use with Fastmarkets API

MTD AVGs are available on the Fastmarkets Physical Prices API too. MTD AVGs can be retrieved using the newly introduced optional URL parameter "averageToDateStrategy", which represents the behavioural characteristics of the API endpoints when retrieving monthly average prices.
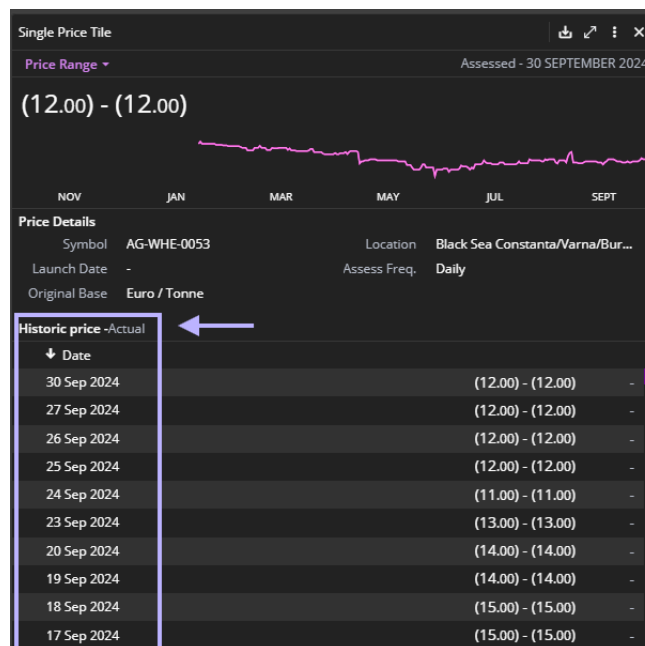
The *"averageToDateStrategy"* field has 3 states:

- Exclude - returns only official monthly average prices.
- Explicit – returns only MTD AVGs.
- Include – returns both official monthly average prices and MTD AVGs.

Exporting from Dashboard widgets by sorted order of 'assessment date' now available

When applying sorting order by assessment date on the following widgets: Single Price Tile, Price Chart, Historic Price Table – the sorting order will be respected in the Excel data exports.

Below is an example of a Single Price Tile sorted by date: descending. Note the behavior is identical for the Price Chart and Historic Price Table.

When exported into an Excel file, the sorting order is the same as the one applied on the widget in the Fastmarkets Dashboard:

<u>Further help</u>

If after reading these instructions you have further questions about how to use the Fastmarkets Dashboard, please contact our Customer Success teams or for access/order queries our Client Services team:

- ➢ **Europe, Middle East and Africa: +44 20 3855 5581**
- ➢ **Asia: +65 3163 3458**
- ➢ **Americas: +1 708 329 2641**
- ➢ **Customer Success Email: _customersuccess@fastmarkets.com_**
- ➢ **Client Services Email: _client.services@fastmarkets.com_**

For more information on Fastmarkets' products and services, please use the following links:

- ➢ **Pricing data:** https://www.fastmarkets.com/what-we-do/pricing-data
- ➢ **Pricing notices:** https://www.fastmarkets.com/about-us/methodology/pricing-notices
- ➢ **Methodology:** https://www.fastmarkets.com/about-us/methodology
- ➢ **Data Licensing:** https://www.fastmarkets.com/solutions/data-licensing