

### [US Federal Reserve Maintains Steady Policy Rate Amid Economic Shifts: Inflation Forecasts & GDP Downgrades](#)

*Updated on : Mar 21, 2025 11:52 am*

Synopsis: On March 19, 2025, the US Federal Reserve announced that it will maintain the federal funds rate at 4.25-4.5% per annum, signaling its cautious stance amidst economic uncertainties. Alongside this decision, the Fed raised its inflation projections and lowered its GDP growth expectations, adjusting its outlook for the years ahead. The Fed's continued focus is on achieving maximum employment and controlling inflation, while addressing growing risks and uncertainties in the broader economic environment.

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### [OSHA Investigates Fatal Accident at Dunkirk Specialty Steel Plant: A Tragic Incident Under Scrutiny](#)

*Updated on : Mar 21, 2025 11:51 am*

Synopsis: An employee's death at Dunkirk Specialty Steel is under investigation by the Occupational Safety and Health Administration. The tragic incident, which occurred during an industrial accident, has raised concerns about workplace safety at the steel plant. OSHA has six months to complete its investigation.

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### [600+ Iron Range Workers Laid Off Amid Tariff Shakeup in Auto Industry & Steel Market](#)

*Updated on : Mar 21, 2025 11:51 am*

Synopsis: Over 600 workers in Minnesota's Iron Range are facing layoffs as Cleveland-Cliffs temporarily idles two key operations, Hibbing Taconite Co. and Minorca Mine, due to the reduced demand for steel in the auto industry, triggered by tariff disruptions. This move is a response to excess inventory and financial rebalancing, signaling broader ripple effects in the U.S. steel sector.

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### [EUROFER Calls for Swift Action in Saving European Steel: A Critical Crossroad](#)

*Updated on : Mar 21, 2025 11:51 am*

Synopsis: The European Steel Association has issued a compelling statement regarding the Steel and Metals Action Plan, urging immediate action to safeguard the future of European steel. With the sector facing mounting challenges, EUROFER emphasizes the need for concrete measures to protect its competitiveness, reduce dependency on external markets, and ensure sustainable growth. The call to action highlights that now is the time for the European Union to act decisively for the future of EU steel production

and industry resilience.

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### [Assofermet Demands Action: EU Steel & Metals Action Plan Needs Urgent Revisions](#)

*Updated on : Mar 21, 2025 11:50 am*

Synopsis: Assofermet, the sectoral association representing the steel and metals industries, has expressed deep concerns about the EU Steel and Metals Action Plan. While the plan acknowledges the significance of these sectors, Assofermet argues it lacks actionable measures to revitalize EU metallurgy. The association emphasizes that without stimulating demand and addressing energy costs, the EU risks further decline in its steel and aluminum industries, hindering both economic growth and sustainability goals.

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### [Nippon Steel Fights Consumer Lawsuit Over \\$14.9B US Steel Acquisition, Calls It 'Baseless'](#)

*Updated on : Mar 21, 2025 11:50 am*

Synopsis: Nippon Steel has asked a U.S. court to dismiss a consumer lawsuit that seeks to block its \$14.9 billion acquisition of U.S. Steel. The lawsuit claims the merger would violate U.S. antitrust law by driving up steel prices. Nippon Steel counters that the plaintiffs lack standing to pursue the case and argues the merger is beneficial for U.S. steel competitiveness.

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### [Azerbaijan's Baku Steel Seizes Opportunity to Revive Italy's Ilva Steelworks Amid Crisis](#)

*Updated on : Mar 21, 2025 11:50 am*

Synopsis: Italy's troubled Ilva steelworks in Taranto is set to undergo a major transformation as Azerbaijan's Baku Steel secures a deal to take over the facility. The plant has faced significant operational challenges, financial instability, and environmental concerns, but Baku Steel's winning bid promises to restore its production capabilities. This acquisition carries substantial geopolitical and industrial implications, particularly for Italy's energy strategies and European steel production.

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### [BIR & EuRIC Address European Commission's Steel and Metals Action Plan: A Vision for Circularity](#)

*Updated on : Mar 21, 2025 11:49 am*

Synopsis: The BIR and EuRIC have jointly issued a statement regarding the European Commission's Steel and Metals Action Plan. While they appreciate the Commission's support for recycling and circularity, they raise concerns over trade barriers and export restrictions. The industry leaders stress the need to stimulate domestic demand for recycled metals and avoid restrictions that could disrupt global recycling markets.

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### [BMO's Move to Limit Loans for Steel & Aluminum Sectors: A Setback for Canadian Workers](#)

*Updated on : Mar 21, 2025 11:49 am*

Synopsis: BMO's decision to classify Canada's steel and aluminum industries as a "Limited Appetite" sector, making it harder for workers and employers to access loans, has raised concerns. Conservative Shadow Minister for Labour, Kyle Seebach, criticizes the move, particularly amid the ongoing challenges posed by U.S. tariffs on Canadian steel. The decision aligns with broader trends that have been detrimental to Canadian industrial workers, especially in blue-collar job sectors.

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### [South Africa's Comprehensive Strategy to Shield Steel Industry from AMSA's Challenges & Sustain Industrial Capacity](#)

*Updated on : Mar 21, 2025 11:49 am*

Synopsis: The South African government has taken significant steps to preserve the country's vital steel industry, collaborating with ArcelorMittal South Africa to prevent the closure of the Newcastle long steel plant. Through substantial financial assistance, employment retention programs, and strategic policy initiatives, the government aims to stabilize AMSA's operations and ensure the long-term viability of the steel sector in the national economy.

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### [Gerdau CEO Contemplates U.S. Investment Shift Amid Rising Chinese Steel Imports into Brazil](#)

*Updated on : Mar 21, 2025 11:48 am*

Synopsis: Gerdau, the Brazilian steel giant, faces significant challenges due to a surge in Chinese steel imports affecting local production. CEO Gustavo Werneck hinted that the company might soon prioritize investments in the U.S. over Brazil. Despite recent investments in Brazil, such as the R\$1.5 billion (\$263.2 million) expansion in Ouro Branco, the company is struggling with underutilized capacity due to the influx of cheaper Chinese steel. Gerdau's strong North American operations, supported by

protectionist policies, are showing promising results, making the U.S. a more attractive investment destination.

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### [ANDRITZ Powers ArcelorMittal's Green Transition with New Electrical Steel Facility in the USA](#)

*Updated on : Mar 21, 2025 11:48 am*

Synopsis: ANDRITZ has been chosen by ArcelorMittal to supply a new cold rolling mill and annealing and coating line for a state-of-the-art electrical steel production facility in Calvert, Alabama. The plant, with a capacity of 150,000 metric tons of non-grain oriented electrical steel per year, aims to support sustainable transportation and industrial applications. This partnership emphasizes a strong commitment to sustainable mobility and green manufacturing.

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### [G-Steel Orders State-of-the-Art Four-High Skinpass Mill from Danieli for Quality Rolled Strip](#)

*Updated on : Mar 21, 2025 11:48 am*

Synopsis: G Steel, a prominent hot-rolled coil producer in Thailand and part of Nippon Steel Corporation, has placed an order with Danieli for a new, advanced four-high skinpass mill. This project, aimed at enhancing cold rolling capabilities at G Steel's Rayong facility, will boost production capacity and deliver top-quality rolled strip to local industries when operational in 2026.

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### [Nippon Yakin Kogyo Revolutionizes Stainless Steel Production with First-Ever HZ-Mill from Primetals Technologies](#)

*Updated on : Mar 21, 2025 11:47 am*

Synopsis: Nippon Yakin Kogyo has successfully produced its first coil using the innovative HZ-Mill, supplied by Primetals Technologies, at its Kawasaki plant. This state-of-the-art reversing cold mill, the first of its kind for stainless steel production, replaces two monoblock cold rolling mills, enabling the company to meet increasing demand for high-performance stainless steel grades.

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### [Midland Steel Joins Forces with Nucor to Revolutionize US Construction with FasterFix Rebar Technology](#)

*Updated on : Mar 21, 2025 11:47 am*

Synopsis: Midland Steel, an Irish steel reinforcement firm, has partnered with Nucor Corporation, the largest steel producer in the U.S., to introduce FasterFix, an innovative modular rebar technology that improves construction efficiency, reduces waste, and promotes sustainability. This exclusive agreement aims to streamline rebar fabrication, reducing build times by 75% and transforming the construction industry.

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#### [Universal Industrial Gases Invests \\$100M in Groundbreaking South Carolina Expansion](#)

*Updated on : Mar 21, 2025 11:47 am*

Synopsis: Universal Industrial Gases, a subsidiary of Nucor Corporation, is investing \$100 million to expand its industrial gas production in South Carolina. This new facility, set to open by December 2025, will focus on producing essential gases like oxygen, nitrogen, and argon, supporting both Nucor's steel operations and third-party clients.

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#### [NRW Holdings Secures Nearly \\$180M in Contracts Amid One Steel's Financial Woes](#)

*Updated on : Mar 21, 2025 11:46 am*

Synopsis: NRW Holdings, a leading mining and civil contractor, has secured almost \$180 million in new contracts, despite the ongoing fallout from One Steel Manufacturing's financial troubles. The contracts come at a crucial time as One Steel, which operates the Whyalla steelworks, owes NRW Holdings more than \$113 million, further complicating the situation for the contractor.

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#### [GRSE Seals Historic MoU with PWD Nagaland for Modular Steel Bridges in Landmark Deal](#)

*Updated on : Mar 21, 2025 11:46 am*

Synopsis: Garden Reach Shipbuilders & Engineers Ltd. has achieved a significant milestone by signing its first-ever Memorandum of Understanding with the Public Works Department of Nagaland. This breakthrough agreement, made on March 19, 2025, will see GRSE supply eight sets of Double Lane Modular Steel Bridges to the state, reinforcing India's "Make in India" initiative for regional development. The MoU also marks GRSE's ongoing commitment to infrastructure development and the provision of modular bridges to various national and international clients.

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#### [Turkey Takes the Lead: EU's Iron & Steel Exports Surge in 2024](#)

*Updated on : Mar 21, 2025 11:46 am*

Synopsis: In 2024, the European Union witnessed a significant increase in its iron and steel trade, with exports totaling €77.8 billion, resulting in a trade surplus of €4.7 billion. Turkey emerged as the largest destination for EU exports in this sector, highlighting the evolving dynamics of global steel trade. Despite a rise in trade value, physical export and import volumes saw a decline, reflecting a shift driven by higher prices rather than increased quantities.

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### [Nucor Forecasts 2025 Q1 Earnings: A Mixed Outlook Amid Facility Closures & Price Fluctuations](#)

*Updated on : Mar 21, 2025 11:46 am*

Synopsis: Nucor Corporation has announced its earnings guidance for Q1 of 2025, predicting earnings per share between \$0.45 to \$0.55. The company anticipates lower earnings from its steel products and raw materials segments, alongside a decrease in average selling prices. Non-adjusted guidance includes one-time charges due to the closure of two facilities, affecting overall earnings.

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### [U.S. Steel Projects 2025 Q1 Losses Amid Stronger Segments & Global Demand Challenges](#)

*Updated on : Mar 21, 2025 11:45 am*

Synopsis: United States Steel Corporation forecasts adjusted net earnings of (\$0.53) to (\$0.49) per diluted share for Q1 2025. Despite expected losses, the company anticipates improved performance in its Mini Mill and European segments, driven by higher volumes and favorable raw material pricing. U.S. Steel remains optimistic about future prospects, including its Big River Steel operations and the potential benefits from recent tariff policies.

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### [CMC Sees Mixed Fiscal 2025 Q2 Results Amid Economic Uncertainty & Strategic Growth](#)

*Updated on : Mar 21, 2025 11:45 am*

Synopsis: Commercial Metals Company reported mixed results for its fiscal second quarter of 2025. While the North American steel sector showed signs of resilience with a 3.3% increase in finished steel shipments, challenges with margin compression and a reduction in profits were notable. However, strategic efforts like the TAG program and cost optimization have driven improvements in certain segments, especially in the

Emerging Businesses Group.

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### [Section 232 Tariffs Expansion: U.S. Tariffs on Aluminum & Steel Derivatives Set to Impact Industries](#)

*Updated on : Mar 21, 2025 11:45 am*

Synopsis: The U.S. Department of Commerce has expanded Section 232 tariffs to include certain downstream aluminum and steel products, imposing a 25% duty on goods entered or withdrawn from warehouse after the certification date. Importers will now need to report the steel and aluminum content of derivative products, though some challenges remain in measuring this content accurately. The National Marine Manufacturers Association continues to advocate for policies that support the recreational boating industry.

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### [Canadian Tribunal Cancels Expiry Review for Steel Plate Imports from Bulgaria, Czech Republic, & Romania](#)

*Updated on : Mar 21, 2025 11:44 am*

Synopsis: The Canadian International Trade Tribunal has terminated the expiry review regarding hot-rolled carbon steel plate and high-strength low-alloy steel plate imports from Bulgaria, the Czech Republic, and Romania. The Canada Border Services Agency determined that the expiry of the order would not result in dumping resumption, leading to the Tribunal's decision to rescind its previous order.

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### [Vale Breaks Ground on Rio Tanque Water Supply Project to Boost Itabira's Sustainability](#)

*Updated on : Mar 21, 2025 11:44 am*

Synopsis: Vale, in partnership with Itabira's local government and the Water and Sewage Utility, has launched the groundbreaking ceremony for the Rio Tanque Project. This initiative will significantly enhance water supply in Itabira, ensuring reliable access to 600 liters per second of clean water, far surpassing the current demand. With an investment of R\$ 1.17 billion, the project aims to provide water for 113,000 residents, supporting future economic development and sustainability in the region.

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### [Gerdau Earns Global Acclaim for Sustainability at Miguel Burnier Mine with IRMA 50 Recognition](#)

*Updated on : Mar 21, 2025 11:44 am*

Synopsis: Gerdau, Brazil's largest steel producer, has received international recognition for its commitment to sustainability and responsible mining practices at its Miguel Burnier iron ore mine in Minas Gerais. The mine achieved the IRMA 50 performance level following an independent audit, reinforcing Gerdau's dedication to transparency and environmental and social responsibility in its operations.

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### [Unveiling the Role of Internal Friction in Carbide Formation and Microstructural Evolution of High Co-Ni Martensitic Steel During Heat Treatment](#)

*Updated on : Mar 21, 2025 11:44 am*

Synopsis: In a pioneering study, researchers explored the role of internal friction in understanding carbide formation in Ferrium®M54® steel, a high Cobalt-Nickel martensitic ultra-high strength steel. The study provides a deep dive into the heat treatment processes, cryogenic treatment and tempering—explaining their effects on the microstructural evolution, particularly the formation of M<sub>2</sub>C carbides. This multi-technique investigation, which includes internal friction analysis, X-ray diffraction, and transmission electron microscopy, provides valuable insights into the mechanical properties of the steel, which is critical for aerospace and defense applications.

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### [Unveiling the Multi-Scale Microstructure for Superior High-Strength Steel in Fusion Reactors](#)

*Updated on : Mar 21, 2025 11:43 am*

Synopsis: A breakthrough in the development of high-performance steel for fusion reactors addresses the long-standing challenge of balancing strength and ductility. By employing a modified thermomechanical process to create a multi-scale microstructure of ferrite and martensite phases, researchers have crafted a new class of Reduced Activation Ferritic/Martensitic steels that possess both remarkable strength and ductility. This innovation promises to enhance the durability and safety of materials used in the harsh conditions of fusion reactors.

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### [Corrosion in Stainless Steel 304: Microstructural & Mechanical Property Degradation in HCl](#)

*Updated on : Mar 21, 2025 11:43 am*

Synopsis: A comprehensive study investigates the effects of hydrochloric acid exposure on stainless steel SS 304, revealing significant degradation of its microstructure and

mechanical properties. Prolonged exposure to a 5% HCl solution led to changes in the material's grain structure, decreased bending strength, and inconsistent hardness, underscoring the need for effective corrosion protection in acidic industrial environments.