

Weekly News Bulletin

22nd April – 27th April 2024

The statesman

[Earth Day: Vedanta Aluminium accelerates shift to renewables, deploys biomass for power generation](#)

Date: April 22, 2024

Keyword: Vedanta Aluminium

Vedanta Aluminium, one of India's largest producers of aluminium, is making its fuel mix more sustainable with the deployment of biomass briquettes for power generation. The company is utilizing 20 tonnes of biomass briquettes per day at its alumina refinery in Lanjigarh, Odisha. The move will help potentially decrease the unit's greenhouse gas (GHG) emissions by more than 10,000 tonnes of CO2 equivalent each year, in addition to reducing its reliance on fossil fuels. On the occasion of Earth Day 2024, this comes as a significant step forward in the company's journey to achieve Net Zero Carbon by 2050 or sooner. The biomass briquettes are made from agricultural residue sourced from local farmers, who would otherwise simply burn it leading to severe environmental pollution. While fostering a circular economy, Vedanta Aluminium is also augmenting farmers' incomes in their areas of operations through this initiative by remunerating farmers for their crop stubble. A similar initiative has been rolled out previously at BALCO, India's iconic aluminium producer and a unit of Vedanta Aluminium based at Korba, Chhattisgarh.

IANIS

[Dr. Sitaram Jindal Conferred with Prestigious Padma Bhushan Award by the President of India](#)

Date: April 23, 2024

Keyword: Dr. Sitaram Jindal

The President of India presented Dr. Sitaram Jindal, the visionary pioneer in charity and healthcare, with the esteemed Padma Bhushan Award on Monday at Rashtrapati Bhavan in New Delhi. The Prime Minister and other notable dignitaries graced the ceremony, which was a historic event honoring Dr. Jindal's extraordinary contributions to society. Dr. Sitaram Jindal was born on September 12, 1932, in the quiet town of Nalwa, Haryana. His life story is truly remarkable. Serving as the founding Chairman of Jindal Aluminium Limited (JAL), he has used his business acumen to shape the largest aluminium extrusion company in India. However, his vision goes beyond commerce. His steadfast dedication to young people is demonstrated by the establishment of the S. Jindal Charitable Foundation, multiple trusts, hospitals, schools, and colleges.

Business Standard

[India's first multi-purpose green hydrogen pilot project inaugurated](#)

Date: April 24, 2024

Keyword: Aluminium Manufacturing

India's first green hydrogen pilot plant with several uses, rated at 1,500 MW. Officials from Satluj Jal Vidyut Nigam (SJVN) said that the Nathpa Jhakri Hydro Power Station (NJHPS) in Jhakri, Himachal Pradesh, was officially opened on Wednesday. A statement released here stated that SJVN Chairman and Managing Director Geeta Kapur launched a green hydrogen pilot project based on a 25kW fuel cell capacity and a 20Nm³/hr electrolyzer. The project is the first multipurpose (combined heat and power) green hydrogen generation plant in the country. It can produce electricity through a 25kW fuel cell and meet the needs of NJHPS's high-velocity oxygen fuel (HVOF) coating facility for combustion fuel. By separating hydrogen and oxygen from water with the aid of an alkaline electrolyzer with a 20 Nm³/hr capability, it will create hydrogen gas.

Chem Analyst News

[China Aluminium Alloy Ingot Prices Inclines in April, Contrary to Europe and the USA](#)

Date: April 25, 2024

Keyword: Aluminum

As of April 12th, the end of the week, aluminum alloy ingot prices in the US domestic market had decreased by 0.6% weekly. The price of Petroleum Coke Calcined Grade FOB USGC (USA) decreased noticeably by 14.6% in March as compared to February. In addition, there was a 0.3% monthly decrease in the Producer Price Index by Industry (Alumina and Aluminum Production and Processing) in March. Rising inventory levels and declining demand in the infrastructure sector were blamed for this decline. The costs of aluminum alloy ingot decreased each week as a result of careful buying, particularly in the heavily inventoried automotive and construction sectors. The weekly price of aluminum alloy ingot dropped by 0.6% on the German spot market from the previous week.

Millenium Post

[At least \\$12 tn needed for tripling renewable energy capacity by 2030](#)

Date: April 27, 2024

Keyword: Renewable Energy

According to Sultan Al Jaber, the president of COP28, at least \$12 trillion in new infrastructure must be built over the next six years in order to triple the amount of renewable energy produced globally by 2030. Al Jaber stated at the yearly Petersberg Climate Dialogue that a major investment and an increase in climate finance are necessary for the energy transition. According to him, the Global South, people, technology, and infrastructure are the four main areas of focus for increasing climate funding. We must invest at least \$6 trillion in infrastructure over the next six years in order to reach our 2030 goal of 11TW

of renewable energy capacity. The COP28 president added, "And we need to spend a similar amount to upgrade outdated or nonexistent grids."

The Economic Times

[Vedanta presents aluminium range for auto industry at AutoEdge 2024 conclave](#)

Date: April 26, 2024

Keyword: Vedanta Aluminium

The largest aluminum manufacturer in India, Vedanta Aluminium, recently hosted AutoEdge 2024, a gathering for the automobile industry in New Delhi. Aluminum has become a vital component for the production of automobiles since it permits many contemporary modes of transportation. The occasion offered a chance to find new areas of cooperation and included expert-led talks on the sector's future roadmap and the role aluminum plays in its evolution. Leading automakers and key component suppliers from the sector took part in the occasion, the business announced in a press statement. Vedanta Aluminium provides a range of superior goods specifically designed for the automobile industry, acknowledging that aluminium has the ability to stimulate innovation in this domain. Specialized primary foundry alloys (PFAs) for creating cylinder heads are among them.