

Vedanta Aluminium Scales Lanjigarh Refinery to 5 MTPA; Sets New Alumina Production Record

From a 2 MTPA greenfield facility to India's largest alumina refinery, it powers domestic aluminium production

New Delhi, 16 December 2025: Vedanta Aluminium, India's largest aluminium producer, has successfully scaled its Lanjigarh Refinery operations to **5 million tonnes per annum (MTPA)**, a landmark in the company's growth journey and a significant step towards strengthening India's self-reliance in aluminium.

With this expansion, Vedanta Lanjigarh now ranks as the **world's second-largest alumina refinery (ex-China)**, boosting India's total alumina refining capacity to nearly **13 MTPA** and positioning the country as the **third-largest producer globally**. The Lanjigarh facility alone contributes **38% of India's total alumina output**, making it the **largest single-location alumina refinery in the country**.

This milestone underscores Vedanta Aluminium's commitment to building a **globally competitive aluminium ecosystem** for India, as domestic demand accelerates across sectors such as **infrastructure, automotive & EVs, renewable energy, construction, railways, and aerospace**.

In parallel, the refinery achieved its **highest-ever monthly alumina production of 254 KT in November**, marking an **8% month-on-month increase** and an impressive **68% year-on-year growth**. This record output reflects sustained operational excellence and disciplined execution, including handling over 700 rakes, the highest ever in a single month, achieving the lowest specific power consumption in 20 months, and reducing conversion costs to an 18-month low through optimized processes and resource efficiency.

Rajiv Kumar, CEO, Vedanta Aluminium, said, "Aluminium is a strategic metal, central to India's industrial growth and the vision of **Aatmanirbhar Bharat**. Scaling our Lanjigarh operations to **5 MTPA** is both a capacity milestone and a step toward a resilient, world-class aluminium value chain. Our ramp-up, evidenced by **record monthly outputs**, reflects our commitment to responsible resource development, innovation, and long-term value creation for the nation."

Pranab Kumar Bhattacharyya, CEO, Vedanta Alumina Business, added, "This achievement is a testament to the dedication and engineering excellence of our teams. From concept to commissioning, every stage of the expansion has been driven by precision, agility, and collaboration. We continue to sharpen processes, enhance efficiency, and uphold our **Zero Harm** culture to deliver reliable performance at scale."

Starting as a **2 MTPA greenfield facility**, the Lanjigarh refinery embarked on an ambitious expansion journey in 2020. Beyond industrial growth, Vedanta Aluminium continues to drive **community development**, advancing education, healthcare, sports, and skill-building initiatives, ensuring that progress for industry goes hand-in-hand with progress for people.

About Vedanta Aluminium Business

Vedanta Aluminium, a business of Vedanta Limited, is India's largest producer of aluminium, manufacturing more than half of India's aluminium, i.e., 2.42 million tonnes in FY25. It is a leader in value-added aluminium products that find critical applications in core industries. Vedanta Aluminium ranks 2nd in the S&P Global Corporate Sustainability Assessment 2024 world rankings for the aluminium industry, a reflection of its leading sustainable development practices. With its world-class aluminium smelters, alumina refinery and power plants in India, the company fulfils its mission of spurring emerging applications of aluminium as the 'Metal of the Future' for a greener tomorrow. To learn more, visit: www.vedantaaluminium.com

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