

Hindustan Zinc and US-based AEsir Technologies join hands for developing Zinc batteries

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Synopsis

Hindustan Zinc Limited signed an MoU with AEsir Technologies Inc, a US company specialising in Zinc battery technologies. Hindustan Zinc will supply Zinc to AEsir for Zinc-based batteries, offering higher power at lower costs with longer lifespans. This partnership aligns with Hindustan Zinc's focus on sustainable metal production for the global energy transition. AEsir's Nickel Zinc batteries are used in defence, renewable energy, and critical infrastructure.



Hindustan Zinc Limited signed an MoU with AEsir Technologies Inc

India's largest **Zinc** producer, **Hindustan Zinc Limited** on Friday signed a memorandum of understanding (MoU) with **AEsir Technologies** Inc, a US based company that specialises in Zinc battery technologies. The producer will supply Zinc to AEsir Technologies under the MoU.

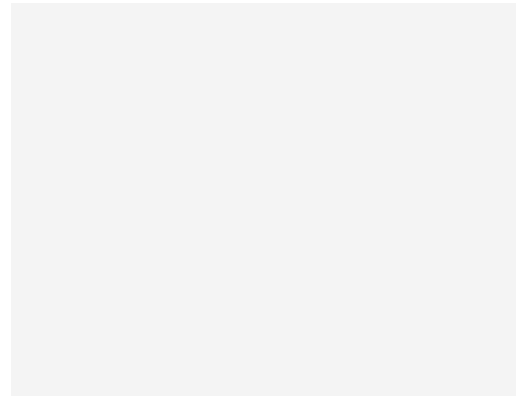
Zinc-based batteries act as an alternative to other modern **energy storage** solutions. They deliver higher power at lower costs with minimal maintenance and longer lifespans of

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up to 20 years, said **Hindustan Zinc** in a press release.



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“Zinc is integral to a low-carbon future. At Hindustan Zinc, our focus is to produce metals sustainably for applications that power the ongoing global energy transition. This partnership with AESir Technologies is yet another step in our ongoing developmental work in the emerging clean technology space,” said Arun Misra, CEO of [Hindustan Zinc](#) Limited.

The MoU is in line with Hindustan Zinc’s efforts towards exploring emerging applications of zinc in the clean energy transition. [Zinc batteries](#) are corrosion resistant, cost-effective, easily recyclable, stable, and environmental friendly. They are built with non-flammable materials, are non-reactive to air and water, and produce no toxic fumes.

“By providing high-quality zinc for cutting-edge energy storage, we are opening sophisticated new avenues for environmentally friendly solutions for a greener tomorrow,” Misra added.


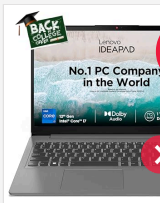
AESir’s [Nickel Zinc batteries](#) are used in the high end defence sector, renewable energy and critical infrastructure for data centres and 5G telecom.

“Energy storage is at the forefront of every major innovation in the energy transition space. Zinc batteries are the best story around energy storage. We are achieving great innovation in this space and this collaboration with Hindustan Zinc provides us with critical raw material for the development of next-gen Nickel Zinc batteries, said Randy Moore, CEO & Co-Founder of AESir Technologies.

“We are pleased to partner with Hindustan Zinc as we are also focussed on the sustainability of our value chain, and they are global leaders in this domain,” Moore added.

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