

Golcap Resources Corp. Discusses Vanadium and Long-Duration Energy Storage

03.09.2025 | [Newsfile](#)

[Golcap Resources Corp.](#) (CSE: GCP) (the "Company" or "Golcap") has been identifying Macro-thematic projects in the mineral space that have the potential to drive extraordinary shareholder returns in the future. Long-duration energy storage systems can deliver electricity for extended periods, typically 10 hours or more. Golcap management foresees long-duration energy storage poised to grow significantly, mirroring the breakout that electric vehicles experienced starting in 2016. Vanadium Redox Flow Batteries (VRFBs) are currently the most-established long-duration energy storage systems, making vanadium a key focus for the Company.

Currently, steel production consumes most of the world's vanadium, with growing amounts used in high-tech, defence applications and in the electrolytes for VRFBs. The projected growth of VRFBs will require double today's annual global production of Vanadium by 2030. This demand, along with Western countries' dependence on imports of vanadium, has started to become an area of concern, reportedly within the US military as well as by other industry observers.

Renewable energy is becoming a larger proportion of globally consumed energy, making long-duration energy storage key to maintaining a stable supply of electricity, for industry and consumers alike. Energy storage is also used as a grid management tool for non-renewable energy grids, especially given the incredible growth in demand from data centres. It is estimated that globally there will be 8 times as much energy storage added this year than in 2021. In addition, China is installing VRFBs at an impressive rate - significantly more than lithium-ion storage systems.

VRFBs have specific technical advantages over lithium-ion batteries, including the ability to be fully discharged, and excel if required to be charged multiple times per day. VRFBs also have no thermal runaway risk, have a longer life and are more recyclable than lithium-ion. More importantly, Vanadium Redox Flow Batteries have a lower cost of ownership. By using VRFBs for utility-scale storage, the world can serve the incredible energy demand arising from both electrification and data centres.

Golcap is intent on expanding its knowledge base necessary to take advantage of our view on the future breakout of long-duration energy storage and vanadium.

On behalf of the Board,

Christopher Reynolds
Interim CEO

info@golcapresources.com

Garry Stock
Director

Neither the Canadian Securities Exchange nor its Regulation Service Provider (as the term is defined in the policies of the Canadian Securities Exchange) accepts responsibility for the adequacy of accuracy of this news release.

Dieser Artikel stammt von [Rohstoff-Welt.de](#)

Die URL für diesen Artikel lautet:

<https://www.rohstoff-welt.de/news/703812--Golcap-Resources-Corp.-Discusses-Vanadium-and-Long-Duration-Energy-Storage.html>

Für den Inhalt des Beitrages ist allein der Autor verantwortlich bzw. die aufgeführte Quelle. Bild- oder Filmrechte liegen beim Autor/Quelle bzw. bei der vom ihm benannten Quelle. Bei Übersetzungen können Fehler nicht ausgeschlossen werden. Der vertretene Standpunkt eines Autors spiegelt generell nicht die Meinung des Webseiten-Betreibers wieder. Mittels der Veröffentlichung will dieser lediglich ein pluralistisches Meinungsbild darstellen. Direkte oder indirekte Aussagen in einem Beitrag stellen keinerlei Aufforderung zum Kauf-/Verkauf von Wertpapieren dar. Wir wehren uns gegen jede Form von Hass, Diskriminierung und Verletzung der Menschenwürde. Beachten Sie bitte auch unsere [AGB/Disclaimer!](#)

Die Reproduktion, Modifikation oder Verwendung der Inhalte ganz oder teilweise ohne schriftliche Genehmigung ist untersagt!
Alle Angaben ohne Gewähr! Copyright © by Rohstoff-Welt.de -1999-2026. Es gelten unsere [AGB](#) und [Datenschutzrichtlinien](#).