



HydroGraph Announces Two Strategic Partnerships to Drive Innovation

New partnerships to advance breakthroughs in battery materials

TORONTO, Nov. 21, 2024 -- [HydroGraph Clean Power Inc.](#) (CSE: HG) (OTCQB: HGRAF) (FRA: M98) (the “Company” or “HydroGraph”), a sustainable commercial manufacturer of pristine graphene, announced today two new collaborations in battery materials with [Volfpack Energy](#) and [NEI Corporation](#).

NEI Corporation Partnership

HydroGraph's new collaboration with NEI Corporation, signed on November 18, 2024, an established supplier of specialty materials to the battery industry, will focus on accelerating the development and commercialization of advanced graphene-enhanced battery materials.

NEI Corporation brings extensive experience in working with product developers and research teams through every phase, from initial R&D through to production scale-up. The partnership will feature co-branded products, combining both companies' technological expertise and market presence to accelerate adoption of graphene additives in the battery industry.

This agreement positions NEI as a key channel partner for HydroGraph's graphene materials in the battery market, including graphene-enhanced electrodes and dispersions. The partnership aims to develop innovative materials and products for applications such as lithium-ion and lithium-silicon batteries.

“This collaboration leverages HydroGraph's proprietary fractal graphene technology alongside NEI's expertise in battery materials, to address the rising demand for advanced solutions that enhance battery performance and drive next-generation energy storage,” said Kjirstin Breure, president and CEO of HydroGraph.

“Together we are enabling the global distribution of advanced graphene battery materials to research institutions and product developers, highlighting our shared commitment to delivering high-performance, sustainable energy solutions worldwide,” said Kjirstin Breure, CEO of Hydrograph.

Volfpack Energy Partnership

The partnership with Volfpack Energy, signed on November 18, 2024, a hardware company focused on using supercapacitor technology to increase the adoption of renewable energy, will focus on creating next-generation supercapacitors, utilizing HydroGraph's fractal graphene technology (FGA-1).

Initial testing demonstrated that supercapacitors enhanced with HydroGraph's fractal graphene deliver a remarkable 4x increase in capacitance, compared to standard versions. These enhanced supercapacitors are designed to meet the demands of rapidly growing markets, including Internet of Things (IoT) devices, energy harvesting applications, wearable technology, and solar energy systems.

“Advancing the performance of energy storage devices remains a vital growth focus for HydroGraph. This partnership combines our cutting-edge graphene technology with Volfpack Energy's expertise in supercapacitor development and manufacturing,” said Breure. “Together, we're able to deliver groundbreaking energy solutions that meet the evolving needs of the market”.

The development roadmap for the supercapacitors includes lab-scale production set for Q1 2025, followed by pilot-scale production later in the year. Global availability of the product is anticipated soon after.

For more information about HydroGraph, please visit www.hydrograph.com

ABOUT HYDROGRAPH CLEAN POWER INC.

HydroGraph Clean Power Inc is a leading producer of pristine graphene using an “explosion synthesis” process, which allows for exceptional purity, low energy use and identical batches. The quality, performance and consistency of HydroGraph's graphene follows the Graphene Council's Verified Graphene Producer® standards, of which very few graphene producers are able to meet. For more information or to learn about the HydroGraph story, visit: <https://hydrograph.com/>.

For company updates, please follow HydroGraph on [LinkedIn](#) and [X](#).

Forward-Looking Statements

This release contains certain “forward looking statements” and certain “forward-looking information” as defined under applicable Canadian securities laws. Forward-looking statements and information can generally be identified by the use of forward-looking terminology such as “may”, “will”, “expect”, “intend”, “estimate”, “upon” “anticipate”, “believe”, “continue”, “plans” or similar terminology.

Forward-looking statements and information include, but are not limited to: statements in respect of the Private Placement, the use of the net proceeds from the Private Placement, the timing and ability of the Company to close the Private Placement, if at all, the gross proceeds of the Private Placement, the timing and ability of the Company to obtain all necessary regulatory approvals, if at all, and the terms and jurisdictions of the Private Placement; the statements in regards to existing and future products of the Company; the Company's future personnel appointments; the Company's plans and strategies.

Forward-looking statements and information are based on forecasts of future results, estimates of amounts not yet determinable and assumptions that, while believed by management to be reasonable, are inherently subject to significant business, economic and competitive uncertainties and contingencies. Forward-looking statements and information are subject to various known and unknown risks and uncertainties, many of which are beyond the ability of HydroGraph to control or predict, that may cause HydroGraph's actual results, performance or achievements to be materially different from those expressed or implied thereby, and are developed based on assumptions about such risks, uncertainties and other factors set out herein, including but not limited to: HydroGraph's ability to implement its business strategies; risks associated with general economic conditions; adverse industry events; stakeholder engagement; marketing and transportation costs; loss of markets; volatility of commodity prices; inability to access sufficient capital from internal and external sources, and/or inability to access sufficient capital on favourable terms; industry and government regulation; changes in legislation, income tax and regulatory matters; competition; currency and interest rate fluctuations; and other risks. HydroGraph does not undertake any obligation to update forward-looking information except as required by applicable law. Such forward-looking information represents management's best judgment based on information currently available.

No forward-looking statement can be guaranteed, and actual future results may vary materially. Accordingly, readers are advised not to place undue reliance on forward-looking statements.

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