

Infinity Turbine and Salgenx Unveils Simultaneous On-demand Graphene Production from the S3000 Flow Battery

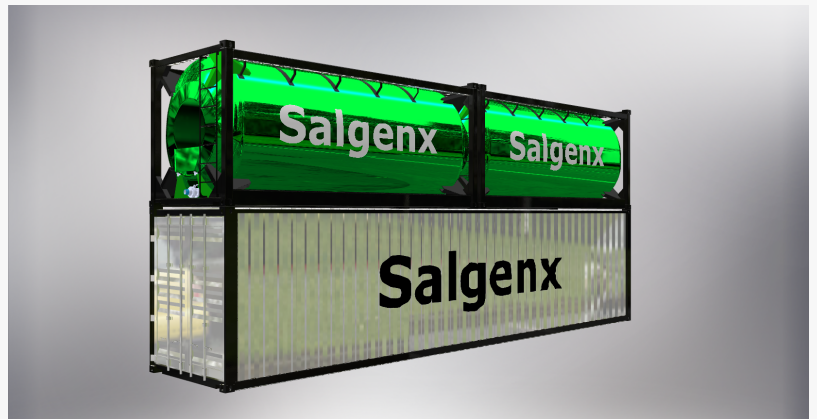
Development of a revolutionary concept that allows for simultaneous on-demand graphene production from the S3000 Salgenx salt water flow battery.

MADISON, WI, USA, April 11, 2023 /EINPresswire.com/ -- [Infinity Turbine](#) and [Salgenx](#) are pleased to announce the development of a revolutionary concept that allows for simultaneous on-demand [graphene](#) production from the S3000 Salgenx salt water flow battery. The unique features of the flow battery are leveraged to enhance and produce graphene, making it possible for the battery to store energy while also generating graphene.

The S3000 Salgenx Salt Water Flow Battery can produce around 50 grams per hour of graphene (while charging) using this process. The cost of production of the graphene is less than \$2 USD per gram, which is significantly lower than the current retail price of \$100 to \$400 USD per gram. The Sodium (Na) used in the process is not consumed, making it available for the salt water flow battery discharge process.



Simultaneously producing graphene from flow battery energy storage



Salgenx S3000 Salt Water Battery Energy System

This breakthrough technology provides energy storage businesses with an additional revenue stream that greatly exceeds energy arbitrage. The on-demand graphene production machine will

initially target the fiberglass and carbon fiber fabrication industry, but can be applied to any graphene additive space.

In addition, the process is scalable, and for higher production rates, a plasma gun process is available. While the plasma gun process has more intensive machinery costs and requires post-processing, it may produce higher initial quality.

Infinity Turbine is continuously seeking ways to make the S3000 Salgenx salt water flow battery an industry first. The battery provides the first cogeneration (electrical and thermal) storage device, desalination, and now, on-demand graphene production. The development of this technology also allows for additional purification processes to be added to produce a higher quality of graphene.



Salgenx simultaneous production of graphene



Our innovative salt water flow battery system and simultaneous graphene production is our commitment to leveraging power storage combined with other spin-off technologies for enhanced revenue streams.”

Greg Giese CEO Infinity Turbine

The possibilities for the application of this technology are limitless, and Infinity Turbine is excited to be at the forefront of this groundbreaking development. The goal is to produce a good quality graphene in larger quantities, resulting in a significant revenue stream.

For more information on this exciting technology, please visit the Infinity Turbine website.

Contact: Greg Giese | CEO | Infinity Turbine LLC | greg@infinityturbine.com

Infinity Turbine Website: <https://www.infinityturbine.com>
Salgenx Salt Water Flow Battery Website:

<https://salgenx.com>

Gregory Giese
Infinity Turbine LLC
+1 608-238-6001
[email us here](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/627295287>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.