



Salgenx

press-release

Salgenx Press Releases

1/13/2024

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This webpage QR code

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Salgenx SaltWater Flow Battery Press Releases

PDF Version of the webpage (first pages)

<https://salgenx.com/press-release.html>

Salgenx Introduces the S3000 Salt Water Flow Battery

Salgenx is introducing the S3000 flow battery based on salt water which can be used simultaneously for both 3,000 kWh electrical and thermal storage.

1/13/2024

Why Salt Water may be the Future of Batteries

There's no shortage of solutions to the world's need for renewable energy storage, but there is a shortage of accessible and cheap resources to use for those solutions. Lithium and vanadium aren't limitless, so what about regular, run-of-the-mill salt? Redox flow batteries, or RFBs, can exploit the abundance of elements like sodium and iron. One U.S. company already has salt water batteries ready to go, with at least two others developing iron flow variations built to effectively run on rust. They promise to last longer and be far cheaper than the competition. So, what happens if we go with the flow?

Oil and gas wells may become the future grid- scale, energy storage batteries

Oil and gas wells may become the future grid-scale, energy storage batteries utilized by the Salgenx salt water flow battery.

New type of flow battery may replace vanadium bromine and lithium

The salt water flow battery may prove a viable alternative for grid based storage compared to expensive Lithium, Vanadium, and Bromine.

Salgenx Flow Battery Supports European Battery Alliance Initiative

The salt water flow battery may prove a viable grid based storage solution for the European battery ecosystem.

Battery Storage is the Key to Energy Infrastructure

The Salgenx salt water flow battery may prove a valuable grid based storage solution for energy infrastructure.

Distributed production of grid scale batteries is a profitable alternative to the Tesla Gigafactory

Distributed production using locally sourced components is a viable alternative to the hub and spoke Tesla Gigafactory system.

Flow Batteries are a contender for grid scale energy storage in Australia

Salgenx offers salt water flow batteries which are a good solution for energy storage in Australia.

Now is the Best Time to Manufacture Grid Scale Flow Batteries

Salgenx offers salt water flow battery licensing which allows manufacturing large grid scale batteries using modular shipping containers.

Salgenx Introduces the SAMx 250 kWh Salt Water Flow Battery

Salgenx is introducing the SAMx 250 kWh flow battery based on salt water using modular Intermediate Bulk Containers.

Salgenx Identifies Top 20 Applications for Grid-scale Flow Batteries

Grid-scale flow batteries have a large number of applications which help the storage, access, and deployment of reliable energy.

Salt Water Flow Battery: A Revolutionary Energy Storage Solution

Salt Water Flow batteries are a new option for grid-scale deployment of reliable energy.

Salgenx Introduces FlowBladeX Modular and Scalable Electrolyzer Module

Salgenx is introducing the FlowBladeX modular and scalable electrolyzer module for grid scale salt water flow batteries.

Salgenx Estimates Mid-Sized Grid Scale Battery Factories Have Access to \$1 Billion in Sales per year

Salgenx estimates that even mid-sized licensed builders of the salt water flow battery should be able to access \$1 billion in sales per year.

Revolutionary Desalination System Using Saltwater Flow Battery Cycle Announced

Salgenx is developing a desalination process which occurs simultaneously to the grid-scale salt water flow battery charging.

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.

Researchers Develop Sustainable Solution for Grid-Scale Battery Cathode Material

Infinity develops sustainable and cost-effective hard carbon for grid-scale battery cathodes using wood waste, potentially reducing production costs by 90%.

Salgenx Poised to Seize Market Demand for Grid-Scale Batteries as Tesla Faces Backlog

Salgenx seizes opportunity in grid-scale battery market as Tesla faces backlog. Salt water redox flow batteries meet demand with enhanced benefits.

Salgenx Releases Comprehensive Salt Water Redox Flow Battery Technology Report

Salgenx, a renowned provider of innovative energy solutions, has recently unveiled its highly anticipated Salt Water Redox Flow Battery Technology Report.

Find out how this technology has been around for 100 years.

See why the US Military spent \$5 million to verify the technology.

Find out why the Pacific Northwest Laboratory did experiments to prove the technology.

This comprehensive report takes a deep dive into the dynamics of grid-scale flow batteries, shedding light on crucial aspects such as economics, efficiency, and deployment strategies.

With insights derived from extensive research and engineering expertise, the report offers valuable recommendations for optimizing financial viability, enhancing energy conversion efficiency, and successful deployment.

This groundbreaking resource is expected to revolutionize the understanding and adoption of grid-scale flow batteries, driving advancements in energy storage and accelerating the transition to a sustainable future.

Learn how to build a demo cell that you can test and use.

The Salt Water Redox Flow Battery Technology Report is now available for purchase on the Salgenx website, positioning it as an essential read for industry professionals, investors, and stakeholders seeking reliable, efficient, and eco-friendly energy storage solutions.

Please email for pricing.

Salgenx Announces Breakthrough Integration of Ultracapacitors with Saltwater Flow Batteries for Unmatched Power Response

Salgenx revolutionizes energy storage by development of ultracapacitors and saltwater flow batteries, enhancing power response & efficiency for grid storage.

