

# MGX Minerals Inc.

11:54 29 May 2019

## MGX Minerals gets stamp of approval from Canadian Standards Association recognizing its energy storage technology

MGX Minerals Inc (CSE:XMG) (OTCMKTS:MGXMF) announced Wednesday that the Canadian Standards Association has confirmed the relevance of pioneering energy storage system developed by its subsidiary MGX Renewables Inc.

In a statement, MGX Minerals said that MGX Renewables had received "material attestation" by the Canadian Standards Association (CSA) related to the use of system components in the subsidiary's energy storage systems. The recognition is essentially a declaration that the technology exists, and its efficacy was witnessed by a member of the CSA.

Vancouver-based MGX Renewables is developing zinc-air flow batteries as an alternative to lithium-ion batteries for applications that require long duration, high-capacity storage.

### READ: MGX Minerals makes progress in developing its ground-breaking zinc-air flow batteries

The the approval process included a complete evaluation by the CSA including exposure to extreme high and low temperatures and resistance to deterioration from fluids.

Part of the material used in stacks and tanks were subject to a 60-day immersion test, 90-day temperature test and flammability testing. Further testing by the CSA around pump housing is close to completion.

Zinc-air flow batteries are said to meet a need in both renewables storage and in industry and grid scale opportunities in power acquisition and distribution. They are also a cleaner and steadier way of providing and acquiring power.

In basic terms, the regeneration component of the system requires the passing of electric current across the opposing electrodes (cathode and anode) of each regeneration cell.

Particles of zinc are "grown" on the cathode and oxygen comes off the anode. Zinc particles are periodically washed off the cathode using the same electrolyte in which they were produced and stored in the fuel tank. The oxygen is released into the atmosphere.

When the system is delivering power, zinc particles are combined with oxygen drawn from the surrounding air. When the system is recharging, zinc particles are regenerated, and oxygen is returned to the surrounding air.

### Practical applications

The technology can be used in a wide-range of ways, including in renewable sources such as wind and solar but also to replace diesel generators and for grid-scale storage.

**Price:** 0.055

**Market Cap:** \$7.72 m

#### 1 Year Share Price Graph



#### Share Information

**Code:** XMG

**Listing:** CSE

**52 week High Low**  
0.25 0.04

**Sector:** Rare earths & specialist minerals

**Website:** [www.mgxminerals.com](http://www.mgxminerals.com)

#### Company Synopsis:

*MGX Minerals Inc. (CSE: XMG / OTC:MGXMF / FKT: 1MG) is a diversified company engaged in battery mass storage technology, treatment and extraction of minerals from wastewater and brines, as well as conventional mining exploration and development.*

[action@proactiveinvestors.com](mailto:action@proactiveinvestors.com)

The subsidiary has also appointed a member to sit on the Standards Technical Panel to contribute to the development of energy storage safety standards and is also contributing to the development of a new standard for energy storage installation.

MGX Renewables Inc has received conditional approval to list on the Canadian Securities Exchange.

Shares of MGX Minerals were trading at C\$0.23 by midday Wednesday on the CSE.

--Updated with share price--

Contact Angela at [angela@proactiveinvestors.com](mailto:angela@proactiveinvestors.com)

Follow her on Twitter @AHarmantas

Proactive Investors facilitate the largest global investor network across 4 continents in 4 languages. With a team of analysts, journalists & professional investors Proactive produce independent coverage on 1000's of companies across every sector for private investors, private client brokers, fund managers and international investor communities.

Contact us +44 (0)207 989 0813 [action@proactiveinvestors.com](mailto:action@proactiveinvestors.com)

### No investment advice

The Company is a publisher. You understand and agree that no content published on the Site constitutes a recommendation that any particular security, portfolio of securities, transaction, or investment strategy is suitable or advisable for any specific person. You understand that the Content on the Site is provided for information purposes only, and none of the information contained on the Site constitutes an offer, solicitation or recommendation to buy or sell a security. You understand that the Company receives either monetary or securities compensation for our services. We stand to benefit from any volume which any Content on the Site may generate.

You further understand that none of the information providers or their affiliates will advise you personally concerning the nature, potential, advisability, value, suitability or profitability of any particular security, portfolio of securities, transaction, investment, investment strategy, or other matter.

You understand that the Site may contain opinions from time to time with regard to securities mentioned in other products, including Company-related products, and that those opinions may be different from those obtained by using another product related to the Company. You understand and agree that contributors may write about securities in which they or their firms have a position, and that they may trade such securities for their own account. In cases where the position is held at the time of publication and such position is known to the Company, appropriate disclosure is made. However, you understand and agree that at the time of any transaction that you make, one or more contributors may have a position in the securities written about. You understand that price and other data is supplied by sources believed to be reliable, that the calculations herein are made using such data, and that neither such data nor such calculations are guaranteed by these sources, the Company, the information providers or any other person or entity, and may not be complete or accurate.

From time to time, reference may be made in our marketing materials to prior articles and opinions we have published. These references may be selective, may reference only a portion of an article or recommendation, and are likely not to be current. As markets change continuously, previously published information and data may not be current and should not be relied upon.

The Site does not, and is not intended to, provide investment, tax, accounting, legal or insurance advice, and is not and should not be construed as providing any of the foregoing. You should consult an attorney or other relevant professional regarding your specific legal, tax, investment or other needs as tailored to your specific situation.

In exchange for publishing services rendered by the Company on behalf of MGX Minerals Inc. named herein, including the promotion by the Company of MGX Minerals Inc. in any Content on the Site, the Company receives from said issuer annual aggregate cash compensation in the amount up to Twenty Five Thousand dollars (\$25,000).