

# ZAF Energy Systems places scaled manufacturing equipment order with Wirtz Manufacturing

*The equipment will expand ZAF's manufacturing capacity from hundreds of batteries per month to thousands of batteries per month in ZAF's Joplin facility.*

JOPLIN, MISSOURI, UNITED STATES, April 28, 2020 /EINPresswire.com/ --

[ZAF Energy Systems](#) Inc. (ZAF), a developer of next-generation battery technology, and [Wirtz Manufacturing](#) (Wirtz), a global leader in equipment design and technology for the lead acid

battery market, are pleased to announce that ZAF has issued Wirtz purchase orders to complete phase one of ZAF's scaled-up manufacturing line. The equipment will expand ZAF's manufacturing capacity from hundreds of batteries per month to thousands of batteries per month in ZAF's Joplin facility. This added capacity will allow ZAF to rapidly seed the market and meet the growing customer demand for its rechargeable nickel-zinc (NiZn) batteries globally.

“

We believe our partnership with Wirtz provides ZAF with 'best in class' manufacturing equipment lines to ensure our quality is both excellent and consistent worldwide.”

*ZAF Energy Systems President and CEO Randy Moore*

This phase of delivery in a full production line will allow licensing and joint venture (JV) partners to validate the quality and throughput of the technology for commercially-scaled factories that are expected to begin buildouts in 2019.

Wirtz has a long history of driving new technology innovations in the battery industry. “We continue to be very excited about partnering with ZAF as our engineering

teams have customized Wirtz Manufacturing equipment for ZAF's NiZn technology at production rates equal to lead acid lines. We believe the performance improvements and cost savings being delivered by nickel zinc battery technologies using Wirtz proven technology will enable ZAF to bring their next-generation technology to the marketplace,” commented John Wirtz II, President of Wirtz Manufacturing.

“The ability Wirtz has demonstrated to allow us to coat electrodes using lead-acid manufacturing equipment with very little modification offers further validation of the commercial readiness of the company's NiZn battery technology. As ZAF continues to commercialize our technology it is vital to have partners like Wirtz, a respected leader and innovator in the battery industry,” commented ZAF Energy Systems President and CEO Randy Moore. The advanced line includes computer-controlled touch change capabilities. This technology is not included in many existing battery assembly lines.

ZAF's batteries are helping to meet customer demands for powerful, cost-effective, and



ZAF Energy Systems Headquarters

environmentally friendly battery solutions. "We're seeing our technology perform well in rigorous battery performance testing by major commercial trucking, telecommunications, and large-scale data center companies," Moore added. "Customers are ready to place orders as soon as our manufacturing capacity is available, and this investment will help us do that. We believe our partnership with Wirtz provides ZAF with 'best in class' manufacturing equipment lines to ensure our quality is both excellent and consistent worldwide."

This strategic equipment and engineering investment by Wirtz follows their capital investment ZAF received last year from Wirtz. These investments are being used by the company to hire employees, expand production, and forge strategic supply chain partnerships. This additional production capability will further enable ZAF to accelerate licensing and joint venture negotiations and commercialize its [NiZn batteries](#) on a global scale.

ZAF's NiZn batteries have potential uses in a wide range of applications including: automotive, heavy trucking, remote telecom, renewable energy, and marine. NiZn batteries are poised to disrupt the \$60 billion conventional lead acid battery market with their ability to provide twice the storage capacity and three times the power of legacy lead acid batteries in a smaller, lighter package.

###

About ZAF Energy Systems, Inc.

Incorporated in 2011 and with locations in northwestern Montana and southwest Missouri, ZAF Energy Systems develops and commercializes next-generation battery technologies that use sustainable, non toxic materials and can be safely and easily recycled. Its breakthrough battery technologies include a nickel zinc (NiZn) chemistry and a zinc air chemistry, both of which deliver the highest power and energy density of any battery system in their class. ZAF's rechargeable batteries provide long-life and economical solutions in a safe package for a variety of applications, including: electric vehicles, commercial trucking, renewables integration, back-up power, consumer electronics, mobility, and recreation vehicles. For more information, visit: [www.zafsys.com](http://www.zafsys.com)

About Wirtz Manufacturing Co., Inc

Wirtz Manufacturing is a global leader in equipment design and technology for the lead acid battery market. Since John Wirtz started in 1932 through today the fourth generation of the Wirtz family continues managing the company focused on high quality products, continuous improvement of existing technologies, and the development of new technologies. Through this philosophy, Wirtz has been able to develop some of the key technologies known and used today, which include gravity casting, continuous cast grid making systems, continuous punching positive grid making systems, high speed precision pasting lines, as well as the precision tooling used in each of these technologies. By acquiring Oxmaster, Leko, Conbro and Battery Recycling Systems, Wirtz has been able to expand its portfolio of technology in order to be able to offer its customers the ability to purchase all of their necessary equipment from one company. With manufacturing operations in the United States, China, and India, and sales and service teams within each respective region of the world, you can be sure we can provide the value and service you are looking for and expect in your technology partner. For more information, visit: [www.wirtzusa.com](http://www.wirtzusa.com)

Kirk Plautz

Zaf Energy Systems

+1 813-267-5669

[email us here](#)

Visit us on social media:

[Facebook](#)

[LinkedIn](#)

---

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

Disclaimer: If you have any questions regarding information in this press release please contact the company listed in the press release. Please do not contact EIN Presswire. We will be unable to assist you with your inquiry. EIN Presswire disclaims any content contained in these releases. © 1995-2020 IPD Group, Inc. All Right Reserved.