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**Media Contact**

Nicole Jacques  
CD&M Communications  
207-450-9943  
[nicole@cdmc.com](mailto:nicole@cdmc.com)

**Company Contact:**

Arthur Stowe  
Elmet Technologies  
207-333-6127  
[astowe@elmettech.com](mailto:astowe@elmettech.com)

**ARC Energy Selects Elmet Technologies, Inc. As Preferred Supplier**

*Elmet Technologies, Inc. is now manufacturing refractory metal crucibles and furnace components for ARC Energy's CHES sapphire growth furnaces.*

**LEWISTON, MAINE – APRIL 24, 2013** — ARC Energy of Nashua, New Hampshire, and Elmet

Technologies, Inc. of Lewiston, Maine, today announced that Elmet has been selected as a preferred supplier of crucibles and furnace components for ARC Energy Controlled Heat Extraction System (CHES™) furnaces. After an intensive qualification and review process, ARC Energy is confident that Elmet has the capacity and expertise to produce high-quality replacement crucibles and components in support of CHES furnace operators world-wide.

ARC Energy CHES furnaces grow high quality synthetic sapphire up to 260mm diameter. Synthetic sapphire is a critical building block for LED light manufacturing, high performance glass for mobile devices, silicon-on-sapphire (SOS) semiconductor substrates, military grade windows, and other applications.

"At ARC Energy, we strive to provide our customers with innovative, efficient furnaces for large diameter 6" sapphire," said Dr. Rick Schwerdtfeger, co-founder and chief technology officer for ARC Energy. "By partnering with Elmet, we feel secure knowing our customers have access to quality crucibles and furnace components manufactured to the highest standards in the industry."

“The market for synthetic sapphire is increasing rapidly, and Elmet is continually investing to support the growing demand for sapphire crucibles and precision-formed furnace components,” said Sandeep Jain, senior VP of sales and marketing for Elmet. “We have unique capabilities on which the sapphire industry can capitalize to keep up with the demand for their products.”

#### **About ARC Energy**

Headquartered in Nashua, N.H., the Advanced RenewableEnergy Company, LLC (ARC Energy), was founded in 2007 to commercialize cutting-edge technologies for LED and other clean energy markets. For additional information about ARC Energy, please visit [www.arc-energy.com](http://www.arc-energy.com).

#### **About Elmet Technologies, Inc.**

Established in 1929, Elmet is a global supplier of high performance materials with a specialization in Molybdenum and Tungsten. With 400,000 square-feet at three manufacturing sites in Maine, Georgia, and China, Elmet produces mill, machined, and fabricated products for sapphire growth, FPD manufacturing, medical imaging, high temperature furnace, and many other industries. Elmet is ISO 9001, ISO 14001, and AS9100 certified. More information about Elmet is available online at [www.elmettechnologies.com](http://www.elmettechnologies.com).###