

February 4, 2015



Capstone Turbine Russian Distributor Further Diversifies Into CHP Market

CHATSWORTH, Calif., Feb. 4, 2015 (GLOBE NEWSWIRE) -- Capstone Turbine Corporation (www.capstoneturbine.com) (Nasdaq:CPST), the world's leading clean technology manufacturer of microturbine energy systems, announced today that Dune AST, a popular Russian manufacturer of rubber footwear, upgraded its facility with a natural gas fired Capstone microturbine power plant in Astrakhan, Russia.

BPC Engineering, Capstone's Russian distributor, designed the project and commissioned the site recently.

Dune AST sought out an efficient and reliable energy system that required minimal maintenance and was environmentally friendly. Capstone microturbines were chosen for their ability to meet these needs while significantly reducing the company's energy costs.

The combined heat and power (CHP) plant consists of a Capstone C600 microturbine with a heat recovery unit and two hot water boilers. The plant operates in parallel with the local grid, generating about 60 percent of the factory's energy. The flexibility of the Capstone microturbines allows for irregular daily load profiles in order to maximize efficiency, even when operating at less than 50 percent total load.

Situated in an urban area, the power plant at Dune AST is subject to a strict set of environmental standards. Because of their clean exhaust, Capstone microturbines are fully compliant with these standards and do not exceed NOx levels higher than nine parts per million (ppm), which is 1/10 the emissions of traditional reciprocating engines. In addition, the thermal energy from the exhaust is captured to heat the factory space and provide hot water on-site. Deployed in this CHP configuration, the microturbine plant exceeds 80 percent system efficiency.

The cogeneration project was commissioned with the intent to install an absorption chiller at a later date. This will allow for combined cooling, heating and power (CCHP) operation to cool manufacturing equipment and air condition workspaces during summer months. Capstone microturbines can achieve up to 90 percent efficiency in CCHP applications.

"BPC is experiencing growth in the sales of cogeneration and trigeneration plants in the Russian manufacturing sector," said Jim Crouse, Executive Vice President of Sales and Marketing at Capstone Turbine. "Despite geopolitical constraints, BPC Engineering has been successful in ensuring a secure and environment friendly application with each and every project they commission," added Crouse.

About Capstone Turbine Corporation

Capstone Turbine Corporation (www.capstoneturbine.com) (Nasdaq:CPST) is the world's leading producer of low-emission microturbine systems and was the first to market commercially viable microturbine energy products. Capstone Turbine has shipped approximately 8,000 Capstone Microturbine systems to customers worldwide. These award-winning systems have logged millions of documented runtime operating hours. Capstone Turbine is a member of the U.S. Environmental Protection Agency's Combined Heat and Power Partnership, which is committed to improving the efficiency of the nation's energy infrastructure and reducing emissions of pollutants and greenhouse gases. A UL-Certified ISO 9001:2008 and ISO 14001:2004 certified company, Capstone is headquartered in the Los Angeles area with sales and/or service centers in the New York Metro Area, United Kingdom, Mexico City, Shanghai and Singapore.

The Capstone Turbine Corporation logo is available at <https://www.globenewswire.com/newsroom/prs/?pkgid=6212>

This press release contains "forward-looking statements," as that term is used in the federal securities laws, about growth of the Russian market and success of BPC Engineering as a distributor. Forward-looking statements may be identified by words such as "expects," "objective," "intend," "targeted," "plan" and similar phrases. These forward-looking statements are subject to numerous assumptions, risks and uncertainties described in Capstone's filings with the Securities and Exchange Commission that may cause Capstone's actual results to be materially different from any future results expressed or implied in such statements. Capstone cautions readers not to place undue reliance on these forward-looking statements, which speak only as of the date of this release. Capstone undertakes no obligation, and specifically disclaims any obligation, to release any revisions to any forward-looking statements to reflect events or circumstances after the date of this release or to reflect the occurrence of unanticipated events.

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Source: Capstone Turbine Corporation