

Clean Coal Technologies, Inc.

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Clean Coal Technologies completes fabrication of rotary kiln for its disruptive dehydration technology to create dust-free coal

Clean Coal Technologies Inc (OTCMKTS:CCTC) revealed that it has completed the fabrication of a key rotary kiln which will be used with its patented coal dehydration technology to create stable, dust-free coal.

Despite the challenges thrown up by the coronavirus (COVID-19) pandemic the Madison Avenue, New York-based company has found some creative solutions.

"With the situation posed by the pandemic in the US we turned our eye to Canada for building the main rotary kiln and Chicago and Pittsburg to complete the control panels, and it was exactly the right decision," Clean Coal Technologies CFO Aiden Neary told Proactive.

READ: Clean Coal Technologies to revolutionize the coal industry with its breakthrough dehydration technology

"The kiln is currently being transported on a truck and is on its way to us from Canada to our site in Gillette, Wyoming. The rotary kiln will be used for stabilization and coal beneficiation - a process through which impurities are separated from raw mined coal, improving combustion," he added.

Neary, who earlier worked as a managing director for a Wall Street investment bank, wears a second hat as chief operating officer at Clean Coal Technologies.

Neary said the rotary kiln will now be used across all three of the company's technology processes — Pristine, Pristine-M, and Pristine-SA — in its intellectual property portfolio.

The group said Pristine, the original process designed to remove moisture and volatile matter, has been tested successfully on bituminous and sub-bituminous coals, and lignite coal from the US rendering a cleaner thermal coal.

Meanwhile, the company's proprietary, Pristine M technology is the result of many years of intense research and testing. The company's flagship low-cost Pristine M coal dehydration technology has succeeded in drying coal economically in early tests. However, the company is carrying out additional tests and its second-generation testing facility will incorporate new features following the successful testing of its process at the AES Coal Power Utility in Oklahoma. The changes are the result of close collaboration between the company's engineers and the University of Wyoming's School of Energy Research.

Throwing a lifeline to America's coal towns

Back in 2017, University of Wyoming partnered with the company to help optimize its technology for coal beneficiation and for the extraction of coal by-products, which are critical issues facing the Powder River Basin coal-producing region

Price: 0.0119

Market Cap: \$2.22 m

1 Year Share Price Graph



August 2019 February 2020 August 2020

Share Information

Code: CCTC

Listing: OTCQB

52 week High Low
0.098 0.0095

Sector: Power & Utilities

Website:
www.cleancoaltechnologiesinc.com

Company Synopsis:

Clean Coal Technologies, Inc. (CCTI) is a US technology company with three independently proven global process patents for the beneficiation of coal. Pristine Mä unlocks the capacity to economically extract and preserve water and other valuable by products from coal.

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in northwest Wyoming and southeast Montana.

"This rotary kiln has taken 15 months to design and build at a cost of \$1.3 million which has been paid by the University of Wyoming," said Neary.

The new rotary kiln will be at the heart of the company's second-generation Fort Union test facility near Gillette, Wyoming.

"The introduction of the rotary kiln is a key enhancement. This will enable our facility to further increase the BTU of the processed coal, ensure complete stabilization of the end product and reduce overall capital costs of a commercial unit. The processed coal is dust-free which plays an important role in transportation and avoids unnecessary coal dust pollution," said Neary.

"The rotary kiln acts like an oil refiner, in the sense that for coal, it can extract valuable by-products from coal like asphalt, graphene, carbon and other products," he added.

Neary explained that the rotary kiln has been designed in a manner that will enable the company to "automatically extract by-products from coal."

"Although not our primary focus the extraction of by-products will be, in my opinion, a key revenue source for our company in the future and I believe an economically viable use for US coal besides that of energy production," he added.

Clean Coal Technologies is developing what could be the world's first commercially viable and scalable coal dehydration technology.

The technology could throw a lifeline to America's coal towns in the state of Wyoming, which is the country's largest coal producer.

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