

# COAL GASIFICATION & TRANSPORTATION FUELS QUARTERLY NEWS



National Energy  
Technology  
Laboratory

## ***A Dozen Interesting Items***

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Four times a year, the National Energy Technology Laboratory issues its *Coal Gasification & Transportation Fuels Quarterly News* magazine, which presents a dozen linked articles that were published in other venues during the preceding quarter. The articles are not intended to represent all news publicly available, nor do they necessarily reflect the U.S. Department of Energy's mission, policies, or goals. The articles were selected to illustrate ongoing research and construction efforts in gasification and transportation fuels worldwide, and they may show a variety of technical, commercial, and environmental perspectives.

### ***DOE R&D***

#### **Latest NETL-funded R&D Papers**

List of R&D publications funded by DOE/NETL published in the previous three months. >>>

### ***U.S. News***

#### **HTDC Unveils New \$6.8 Million Waste-to-Energy System**

Hawaii's High Technology Development Corp. has sponsored a demonstration of a \$6.8 million Air Force investment in a renewable and clean, waste to energy generating system. >>>

#### **MIT Finds a Way to Make Coal Twice as Green**

Scientists at the Massachusetts Institute of Technology (MIT) announced they found a way to make electricity from coal twice as environmentally friendly. >>>

#### **New Take on Clean Coal Technology Presented at Montana Energy Conference**

A different take of clean-coal technology was presented during the opening day of the three-day Montana Energy Conference in Billings. >>>

#### **Auctions Open to Eliminate Wyoming Landfills**

Renewable energy company Sierra Energy targets Wyoming's most wasteful counties, striving to eliminate the state's landfills through advanced molecular recycling. Auctions opened recently for the exclusive rights to develop and distribute FastOx gasifiers in Laramie and Albany counties. >>>

## **PODS Wants to Produce Cleaner Portable Gasification Systems**

Converting waste to energy isn't a new idea, but one fledgling company spinning out of Oklahoma State University research hopes newly patented technology will convert enough investors to get its portable gasification systems into production. >>>

## **World News**

### **Air Products to Halt Tees Valley Gasification Project**

Air Products has announced it is exiting the energy from waste business and will look to sell both Tees Valley 1 and 2 gasification plants. >>>

### **Lockheed Martin Secures \$43m EPC Contract for 5 MW Waste Gasification Plant in Germany**

Lockheed Martin and waste gasification technology firm, Concord Blue, are to begin phase two of a new 5 MW waste to energy plant in Herten, Germany. >>>

### **SES Announces Yima Joint Venture Plant's SGT Gasification Systems Achieve Formal Acceptance**

Synthesis Energy Systems, Inc. (SES) announced that its Yima Joint Venture Plant has completed the required performance testing of the SES Gasification Technology (SGT) systems and has successfully received its Performance Test Certificate, exceeding all performance targets. >>>

### **Coal Gasification Urea Plant to Come Up in Chhattisgarh, India**

A coal gasification-based urea plant with an annual capacity of 1.3 million tonne has been planned for Chhattisgarh. >>>

### **Nottinghamshire Gasification Facility Decision Delayed**

A decision whether or not to grant planning permission for an experimental plasma arc gasification facility in Nottinghamshire has been delayed, due to the recent withdrawal of Air Products from the energy-from-waste market. >>>

### **SES Reports Largest of Three CHALCO Industrial Fuel Facilities Enters Commissioning Phase**

SES reported a progress update related to its Tianwo-SES Clean Energy Technologies Company Joint Venture in China. The largest of the three previously announced natural gas replacement projects licensed by Tianwo-SES and under construction for Aluminum Corporation of China Limited (CHALCO), and the final project of this order, has entered the commissioning phase. >>>

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To learn more about gasification and its related processes and products, please visit NETL's interactive webpage, GASIFIPEDIA ([HERE](#)).

#### DISCLAIMER:

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