

# COAL GASIFICATION and TRANSPORTATION FUELS QUARTERLY NEWS:



U.S. DEPARTMENT OF  
**ENERGY**



*A Dozen Interesting Items*

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*The opinions expressed in the linked articles are not selected to reflect the Department of Energy's mission, policies or goals. Articles are selected that may show a variety of technical, commercial, and environmental perspectives.*

*Disclaimer*

## DOE R&D

### MFIX Latest Update Released

DOE/NETL have announced the release of the most recent update to the MFIX software program. MFIX 2014-1 includes two new features and several feature changes. >>>

### DOE Gasification Paper Top Download

As of the beginning of October 2014, DOE's paper "Models of Agglomerate Growth in Fluidized Bed Reactor: Critical review, status and applications" was Elsevier's 21<sup>st</sup> most downloaded powder technology article. >>>

### Latest NETL-funded R&D Papers

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

### NETL Releases Brief Video on Gasification

NETL has developed a short video describing the gasification process in developing syngas. >>>

## U.S. News

### Costs Rise and Completion Again Delayed at Kemper

Southern Co. announced on October 2<sup>nd</sup> that it will cost at least another \$59 million to finish the power plant it's building in eastern Mississippi's Kemper County, pushing the total cost above \$5.6 billion. >>>

### Sierra Club Ends Opposition to Southern Co. Clean-Coal Plant in Mississippi

The Sierra Club is ending its opposition to Southern Co.'s \$5.5 billion clean-coal power plant in Kemper County, Miss., after six years of legal wrangling. >>>

### Lockheed Martin Signs Waste to Energy Gasification Technology Agreement

Lockheed Martin has signed a manufacturing agreement with waste gasification technology developer, Concord Blue, to provide all manufacturing support for the Concord Blue Reformer waste to energy technology. >>>

## World News

### China to Build 50 Coal Gasification Facilities

China plans to build 50 coal gasification plants in less populated northwestern parts of the country, using the gas produced to generate electricity in the more populated areas, where smog is prevalent. >>>

### TEPCO Taps Mitsubishi Consortium to Design IGCC Systems

A consortium led by Mitsubishi Hitachi Power Systems (MHPS) received an order from TEPCO for design work for a large-scale integrated coal gasification combined-cycle (IGCC) system. >>>

### CB&I to Design Gasification Unit for China's Sincier

CB&I has been awarded a contract by Shandong Sincier Petrochemical Co. for the license and engineering design of a gasification unit to be built near Dongying in China's Shandong Province. >>>

### Gasification Waste Product Treats Wastewater

Researchers in Finland have developed a technique to use the carbon residue from biomass gasification to produce activated carbon and remove nitrate and phosphate from wastewater. >>>

### Kazakhstan Explores Coal-to-Oil Opportunities

Kazakhstan is studying the possibility of processing coal into synthetic oil, Tengrinews correspondent reports citing Energy Minister Vladimir Shkolnik, who spoke at a Majilis, the lower chamber of the Kazakh Parliament. >>>

To learn more about gasification and its related processes and products, please visit NETL's interactive webpage, Gasifipedia. >>>

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**This report does not represent all news publicly available but is intended to illustrate the ongoing research and construction efforts in gasification and transportation fuels. The Department of Energy does not warrant the accuracy or suitability of this information.**

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