

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

DOE Funds Projects to Advance Gasification Systems

The U.S. Department of Energy has selected four projects to receive funding for next-generation gasification systems that also reduce greenhouse gas emissions. >>>

NETL Improves MFIX Predictions of Gasifier Performance

At the 2014 Gasification Technologies Council Conference, NETL presented ongoing gasification modeling work using NETL's MFIX code. The presentation can be found [here](#) which includes imbedded simulation animation. >>>

Significant Speedup and Enhanced Modeling Capabilities Achieved in MFIX

A significant upgrade has been made to the MFIX-Discrete Element Method (MFIX-DEM) version of the software where a huge speedup has been achieved along with enhanced modeling capabilities to increase accuracy. >>>

Latest NETL-funded R&D Papers

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

U.S. News

An Update on RTI's Warm Syngas Cleanup Demonstration Project

At the 2014 Gasification Technologies Council Conference, Research Triangle Institute (RTI) provided an update on the demonstration project for their advanced warm syngas desulfurization process at high temperatures. >>>

Southern Clean Coal Project Cost Almost Triple on Delays

Southern Co. said its first-of-a-kind clean coal power plant in Mississippi will cost almost three times more and take three years longer than originally proposed. >>>

SES Announces New Advanced Higher Pressure Gasification System for Syngas Generation

Synthesis Energy Systems, Inc. (SES), a global energy and gasification technology company, introduced its latest state-of-the-art SES' XL3000 advanced fluidized bed gasification system. >>>

Underground Coal Gasification Gets New Start in USA

Linc Energy recently received a research & development license for Underground Coal Gasification (UCG), the first issued in the USA in twenty years. >>>

World News

2014 Gasification Technologies Council Papers and Presentations

The Papers and Presentations for the 2014 Gasification Technologies Council annual meeting have been released and made available for public viewing. >>>

Southern Company Signs MOU with Largest Power Generation Company in China

Southern Company has signed a memorandum of understanding with China's largest power generation company, making it the third such agreement signed this year. >>>

SinoCoking Underground Syngas Project Begins Construction

SinoCoking Coal and Coke Chemical Industries, Inc., located in Henan Province, announced that it had commenced construction of its UCG facility for the production of clean-burning syngas. >>>

Posco Pens Deal for US\$1.8bn Coal Gasification Plant in Brazil

South Korean steelmaker Posco has signed a protocol of intentions with Brazil's Rio Grande do Sul state for the construction of a US\$1.8bn coal gasification plant near the Triunfo petrochemical hub. >>>

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

NOTE: If you would like to be notified of the release of the latest edition of Coal Gasification and Transportation Fuels Quarterly News, please subscribe [here](#).

DISCLAIMER

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.

[Return to top](#)