

COAL GASIFICATION & TRANSPORTATION FUELS QUARTERLY NEWS



National Energy
Technology
Laboratory

A Dozen Interesting Items

July 2015 • Volume 1 • Issue 4

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

DOE-DoD Joint Report to Congress on Feasibility of Technologies to Produce Coal-Based Fuels

The report examines the feasibility of potential technologies that could enable coal-based fuels to meet the requirements of the DoD consistent with Section 526 of the Energy Independence and Security Act (EISA) of 2007.

>>>

DOE Funds New Gasification Projects

Seven gasification projects will receive about \$7.5 million in funding from the Department of Energy's (DOE's) National Energy Technology Laboratory. The projects will reduce the cost of coal conversion and mitigate the environmental impacts of fossil-fueled power generation. >>>

Latest NETL-funded R&D Papers

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

U.S. News

DKRW Considers Downsizing Proposed Coal Gasification Plant, Residents Doubtful

DKRW Advanced Fuels is considering plans to downsize its proposed coal-to-liquids plant near Medicine Bow, a company official told a meeting of Carbon County residents. >>>

Gasification to Turn 200,000 TPA Municipal Solid Waste to Jet Fuel in Nevada

Spanish firm Abengoa has secured a \$200 million contract from Fulcrum BioEnergy to build a biorefinery using gasification technology to convert 200,000 tons of municipal solid waste into syncrude that will be upgraded into jet fuel. >>>

Senators Reintroduce Legislation Supporting Use of Alternative Fuels

A group of U.S. senators, including John Barrasso (R-WY), Joe Manchin (D-WV), and Heidi Heitkamp (D-ND), reintroduced the North American Alternative Fuels Act, which would repeal Section 526 of the EISA. >>>

Company to Develop \$175 Million Waste-to-Diesel Plant in Florida

BioPower Operations Corp. has announced that its wholly owned subsidiary Green3Power Operations Inc. has won an award to build a \$175 million renewable energy facility that will convert waste into ultra-low sulfur synthetic green No. 2 diesel fuel. >>>

United Airlines Invests \$30 Million for Stake in Fulcrum BioEnergy

United Airlines has invested \$30 million for a state in renewable fuels producer Fulcrum BioEnergy in a deal that could see the carrier buy 90 million gallons a year of jet fuel made from municipal waste. >>>

World News

Commission Approves Support Package for Gasification Plant in Finland

The European Commission has concluded that Finnish plans to grant €10 million of public investment to Vaskiluodon Voima Oy, the operator of a gasification plant in Vaasa, are in line with EU State aid rules. >>>

Japanese Mitsui Eyes Coal Gasification Projects in Indonesia

Japan-based diversified company Mitsui & Co. Ltd. Plans to expand its investment in Indonesia's energy sector through a coal gasification project. Yukio Takebe, president director and CEO of Mitsui Indonesia revealed the interest during a recent meeting with Industry Minister Saleh Husin. >>>

Synthesis Energy Systems Announces Commissioning of Syngas Gasification Plant

Synthesis Energy Systems announced that the first of three previously announced industrial syngas gasification plants from its Tianwo-SES Venture has entered the commission phase. The plant, in Zibo City, Shandong Province, China, is owned and operated by Aluminum Corporation of China Limited. >>>

Largest Gasification WTE Plant in the World Nears Completion

Dubbed the "largest gasification WTE plant in the world", construction work is nearly done on Air Products' second 50 MW plasma gasification waste to energy (WTE) facility on Teesside, North East England. >>>

If you would like to be notified upon the release of each edition of *Coal Gasification and Transportation Fuels Quarterly News*, please subscribe ([HERE](#)).

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

DISCLAIMER:

NETL's *Coal Gasification & Transportation Fuels Quarterly News* presents articles from a variety of sources that illustrate ongoing research and construction efforts in gasification and transportation fuels worldwide. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed in the articles, or represents that its use would not infringe privately owned rights. Reference therein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed therein do not necessarily state or reflect those of the United States Government or any agency thereof.

NATIONAL ENERGY TECHNOLOGY LABORATORY

Albany, OR • Anchorage, AK • Morgantown, WV • Pittsburgh, PA • Sugar Land, TX

Website: www.netl.doe.gov

Customer Service: 1-800-553-7681



U.S. DEPARTMENT OF
ENERGY

Office of
Fossil Energy