



INTERNATIONAL
TRADE
ADMINISTRATION

Coal News and Trends

October 2008

Upcoming Web-Based Seminars:

- **Understanding Carbon Offsets, October 9, 12noon EDT**
The Carbon Management Council will host a web-based seminar on *Understanding Carbon Offsets*. This event, the latest in a series of webinars on issues pertaining to carbon management, will be led by experts from Environmental Defense Fund and Point Carbon. Offsets in voluntary and compliance markets will be discussed, and the presentations will be followed by a Q&A session with the audience. For additional information and to register for the event, please refer to <http://www.carboncouncil.org/newsevents/webinar.asp>, or contact Kyle Gibeault at 202-640-6599, ext. 327.
- **Extractive Industries Transparency Initiative (EITI), October 21, 12noon EDT**
The U.S. Department of Commerce invites you to a free web-based briefing on the Extractive Industries Transparency Initiative. EITI is a coalition of governments, companies, civil society groups, investors and international organizations that supports improved governance in resource-rich countries through the verification and full publication of company payments and government revenues from oil, gas and mining. The briefing, which you can access from your home or office computer, will take place on October 21 at 12 pm. For login information, contact Rachel Halpern at 202-482-4423 or Rachel.Halpern@mail.doc.gov.

Upcoming Events:

- **International Mining & Machinery Exhibition, November 5-8, Kolkata, India**
The Ninth International Mining and Machinery Exhibition (IMME), organized by the Confederation of Indian Industry (CII) in association with the Ministry of Mines, Ministry of Coal, and Government of India, focuses on the coal and mining opportunities, both internationally and within India. The four-day event will provide U.S. companies with a comprehensive look at export opportunities in India's mining sector. U.S. companies with interests in joint ventures and business-to-business alliances are encouraged to attend the event. For additional information, please refer to <http://www.immeindia.com/> or contact Arup.Mitra@mail.doc.gov.
- **International Conference on Greenhouse Gas Technologies, November 16-20, Washington, D.C.**
The 9th International Conference on Greenhouse Gas Technologies will be held November 16-20, 2008 at The Omni Shoreham Hotel in Washington, D.C. The Conference will be organized by MIT in collaboration with the IEA Greenhouse Gas R&D Programme (IEA GHG), with major sponsorship from the U.S. Department of Energy. The Greenhouse Gas Control Technologies conference series was formed in 1997, and the conferences are held every two years in IEA GHG's member countries. The conference series rotates between, North America, Europe and Asia. To register for the upcoming event, please refer to <http://mit.edu/ghgt9/registration.html>.

Policy Analysis:

DOE Releases Methodology Used to Estimate Carbon Dioxide Storage Potential

Document Will Appear in Carbon Sequestration Atlas Expected in November

http://fossil.energy.gov/news/techlines/2008/08055-DOE_Releases_Carbon_Storage_Method.html

October 1, 2008

Washington, D.C. – The U.S. Department of Energy (DOE) recently released its Methodology for Development of Geologic Storage Estimates for Carbon Dioxide, a document that details the procedures used to produce the geologic resource estimates for carbon dioxide (CO₂) storage potential in the soon-to-be-released 2008 Carbon Sequestration Atlas of the United States and Canada (Atlas II). DOE expects to release the updated version of its award-winning atlas later this year.

The methodology document outlines the procedures for estimating CO₂ storage potential in three types of geologic formations found in the United States and Canada: saline formations, unmineable coal seams, and oil and gas reservoirs.

"This important document represents more than a year's worth of work by researchers at the Office of Fossil Energy's National Energy Technology Laboratory and members of DOE's regional carbon sequestration partnerships to reach a consensus on the methodology," said Acting Assistant Secretary for Fossil Energy James Slutz. "We believe it will provide a sound explanation for geologic resource estimates in our upcoming carbon sequestration atlas."

The methodologies presented in the document are based on widely accepted assumptions associated with fluid distribution and displacement processes commonly applied in petroleum and groundwater science. A subcommittee called the Capacity and Fairways Subgroup, which was convened by the regional partnerships' Geologic Working Group in 2006 to develop the first carbon sequestration atlas, provided leadership for this methodology document.

The methodology document will be presented as an appendix in the forthcoming Atlas II. The atlas not only serves as an invaluable tool for the carbon sequestration community, but it also recently captured a prestigious APEX Grand Award for publication excellence.

DOE Announces Solicitation for \$8.0 Billion in Loan Guarantees

Third Round of Solicitation Targets Innovative Clean Coal Technologies

http://fossil.energy.gov/news/techlines/2008/08047-DOE_Announces_Loan_Guarantees.html

September 22, 2008

Washington, D.C. – The U.S. Department of Energy (DOE) recently announced a solicitation for up to \$8.0 billion in federal loan guarantees for projects that employ advanced technologies that avoid, reduce or sequester emissions of air pollutants or greenhouse gases in the areas of coal-based power generation, industrial gasification, and advanced coal gasification facilities. This marks the third round of solicitations for DOE's Loan Guarantee Program, which encourages the commercial use of new or significantly improved energy technologies and is an important step in paving the way for clean energy projects.

This solicitation will make available \$6 billion in loan guarantee authority for incorporating carbon capture and storage (CCS) or other emissions-reducing carbon technologies into industrial gasification activities, retrofitted and new coal-based power generation facilities. An additional \$2 billion in loan guarantee authority will be made available for advanced coal gasification projects, which convert coal cleanly into electricity, hydrogen, and other valuable energy products.

"We have seen the value that our first carbon sequestration atlas has had in providing sequestration information to local, state, and other government agencies, as well as industry and academia," said Acting Assistant Secretary for Fossil Energy James Slutz. "We are equally proud to learn

that our atlas has also been recognized in the field of publication as an outstanding vehicle for communications."

"The Department's fossil energy loan guarantees will provide key early support for technological innovation to curb CO2 emissions," Under Secretary of Energy Clarence "Bud" Albright, Jr. said. "The successful deployment of these clean coal projects will provide our nation with a greater degree of energy and economic security."

The Loan Guarantee process is organized into four phases: 1) application, 2) project evaluation, 3) term sheet/conditional commitment, and 4) final approval and closing of a Loan Guarantee Agreement. Selection criteria for the clean energy projects under this solicitation will focus on a project's ability to avoid, reduce, or sequester air pollutants or greenhouse gas emissions; the speed with which the technologies can be commercialized; the prospect of repayment of the guaranteed debt; and the potential for long-lasting success of these technologies in the marketplace.

The solicitation builds off two previous rounds of solicitations issued by DOE, which supported energy efficiency, renewable energy, nuclear energy, and fossil energy projects. First, in October 2007, DOE invited 16 project sponsors responding to DOE's August 2006 solicitation to submit full applications for a loan guarantee. Second, on June 30, 2008, the Department issued three additional solicitations with the potential to provide \$30.5 billion in loan guarantees. DOE is currently reviewing the applications received to date from these two solicitations.

DOE's Loan Guarantee Program, authorized by Title XVII of the Energy Policy Act of 2005 (EPAAct), aims to facilitate early commercial use of new or significantly improved technologies in energy related projects. Loan guarantees issued by DOE will be backed by the full faith and credit of the United States. Projects supported by loan guarantees will help fulfill President Bush's goal of reducing U.S. reliance on imported sources of energy by diversifying our nation's energy mix, increasing energy efficiency, and improving the environment.

DOE to Sponsor Upcoming Greenhouse Gas Technologies Event Over 1,000 Attendees Expected at International Conference

http://fossil.energy.gov/news/techlines/2008/08040-DOE_to_Sponsor_GHGT_Event.html
September 11, 2008

Washington, D.C. –The Department of Energy's Office of Fossil Energy recently announced that the 9th International Conference on Greenhouse Gas Technologies will be held November 16-20 at the Omni Shoreham Hotel in Washington, DC.

Organized by the Massachusetts Institute of Technology in collaboration with the International Energy Agency Greenhouse Gas R&D Program and the U.S. Department of Energy's Office of Fossil Energy, the event is held every two years in IEA Greenhouse Gas member countries. The Greenhouse Gas Control Technologies (GHGT) conference series was formed in 1997 and is the principal international conference on greenhouse gas mitigation technologies. The GHGT conference series has become a focal point for international research on carbon capture and storage technology. For additional information and to register for the event, please refer to: <http://mit.edu/ghgt9/registration.html>.