

## **FutureGen – The Right Project at the Right Time**

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As the issue of climate change sits at the top of the U.S. Congress' domestic agenda, many in the US government and industry recognize that advancements in technology are an essential part of any efforts to reduce greenhouse gas emissions. The flagship US program to advance technology to reduce CO<sub>2</sub> emissions, called FutureGen, is moving forward at a rapid clip. This initiative will integrate and advance near-zero emissions from the nation's most abundant fuel source – coal. The FutureGen project is integrating and advancing new technologies that combine coal gasification with carbon capture and sequestration to address climate change concerns while ensuring the continued supply of affordable electricity. No other project like FutureGen is underway in the United States or around the world.

This presentation will provide an update on the progress of the 275-MW FutureGen program that couples Integrated Gasification Combined Cycle technology with Carbon Capture and Sequestration in order to advance the technical and economic viability of this important technology.