

Record of Decision Issued for the FutureGen 2.0 Project

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The U.S. Department of Energy (DOE) has decided to provide financial assistance to the FutureGen Industrial Alliance (the Alliance) for the FutureGen 2.0 Project. DOE will provide approximately \$1 billion of cost-shared funding (the majority of which was appropriated under the American Recovery and Reinvestment Act) through cooperative agreements with the Alliance, as described in [DOE's Record of Decision \(ROD\)](#). DOE's decision is to implement the proposed action in the [Final Environmental Impact Statement \(EIS\) for the FutureGen 2.0 Project \(DOE/EIS-0460\)](#). The EIS evaluates the potential environmental impacts associated with construction and operation of the FutureGen 2.0 Project, which is a public-private partnership formed for the purpose of developing the world's first commercial-scale, oxy-combustion electric generation project integrated with carbon capture and geologic storage. The Alliance, cooperating with Ameren Energy Resources (Ameren), will upgrade one unit in a power plant currently owned by Ameren near Meredosia, Illinois. The repowered unit will include oxy-combustion and carbon capture technologies designed to capture at least 90 percent of its carbon dioxide (CO₂) emissions during steady-state operation and reduce other emissions to near zero. The captured CO₂ will be transported through an approximately 30-mile pipeline to wells where it will be injected approximately 4,000 feet below ground into a geologic saline formation for permanent storage. The project will be designed to capture, transport, and inject approximately 1.2 million tons (1.1 million metric tons) of CO₂ annually, and up to a total of 24 million tons (22 million metric tons) over approximately 20 years. The Alliance will also construct and operate visitor, research, and training facilities related to carbon capture and storage in the vicinity of Jacksonville, Illinois. The DOE-funded demonstration period will last for 56 months from the start of operations (approximately 2017) through 2022. Further information and associated NEPA documents are available on this website [here](#) and on the [Alliance's website](#).